Table 1: Table for $\lambda = (7,)$, $\mu = (7,)$:

$k = 14: \quad 7V^{\varnothing,\varnothing}$
$k = 13: \quad 6574V^{\varnothing,\varnothing} \oplus 6V^{\varnothing,(1)} \oplus 6V^{(1),\varnothing}$
$k = 12: \quad 12683V^{\varnothing,\varnothing} \oplus 2362V^{\varnothing,(1)} \oplus 5V^{\varnothing,(2)} \oplus 2362V^{(1),\varnothing} \oplus 874V^{(1),(1)} \oplus 5V^{(2),\varnothing}$
$k = 11: \quad 12939V^{\varnothing,\varnothing} \oplus 4335V^{\varnothing,(1)} \oplus 914V^{\varnothing,(2)} \oplus 4V^{\varnothing,(3)} \oplus 4335V^{(1),\varnothing} \oplus 6964V^{(1),(1)} \oplus 154V^{(1),(2)} \oplus 914V^{(2),\varnothing} \oplus 154V^{(2),(1)} \oplus 4V^{(3),\varnothing}$
$k = 10: \quad 9861V^{\varnothing,\varnothing} \oplus 3968V^{\varnothing,(1)} \oplus 1543V^{\varnothing,(2)} \oplus 376V^{\varnothing,(3)} \oplus 3V^{\varnothing,(4)} \oplus 3968V^{(1),\varnothing} \oplus 12980V^{(1),(1)} \oplus 2412V^{(1),(2)} \oplus 34V^{(1),(3)} \oplus 1543V^{(2),\varnothing} \oplus 2412V^{(2),(1)} \oplus 154V^{(2),(2)} \oplus 376V^{(3),\varnothing} \oplus 34V^{(3),(1)} \oplus 3V^{(4),\varnothing}$
$k = 9: \quad 4441V^{\varnothing,\varnothing} \oplus 2485V^{\varnothing,(1)} \oplus 1136V^{\varnothing,(2)} \oplus 509V^{\varnothing,(3)} \oplus 182V^{\varnothing,(4)} \oplus 2V^{\varnothing,(5)} \oplus 2485V^{(1),\varnothing} \oplus 13064V^{(1),(1)} \oplus 4344V^{(1),(2)} \oplus 928V^{(1),(3)} \oplus 10V^{(1),(4)} \oplus 1136V^{(2),\varnothing} \oplus 4344V^{(2),(1)} \oplus 856V^{(2),(2)} \oplus 34V^{(2),(3)} \oplus 509V^{(3),\varnothing} \oplus 928V^{(3),(1)} \oplus 34V^{(3),(2)} \oplus 182V^{(4),\varnothing} \oplus 10V^{(4),(1)} \oplus 2V^{(5),\varnothing}$
$k = 8: \quad 721V^{\varnothing,\varnothing} \oplus 726V^{\varnothing,(1)} \oplus 473V^{\varnothing,(2)} \oplus 264V^{\varnothing,(3)} \oplus 153V^{\varnothing,(4)} \oplus 78V^{\varnothing,(5)} \oplus V^{\varnothing,(6)} \oplus 726V^{(1),\varnothing} \oplus 9884V^{(1),(1)} \oplus 3936V^{(1),(2)} \oplus 1536V^{(1),(3)} \oplus 376V^{(1),(4)} \oplus 4V^{(1),(5)} \oplus 473V^{(2),\varnothing} \oplus 3936V^{(2),(1)} \oplus 1460V^{(2),(2)} \oplus 328V^{(2),(3)} \oplus 10V^{(2),(4)} \oplus 264V^{(3),\varnothing} \oplus 1536V^{(3),(1)} \oplus 328V^{(3),(2)} \oplus 34V^{(3),(3)} \oplus 153V^{(4),\varnothing} \oplus 376V^{(4),(1)} \oplus 10V^{(4),(2)} \oplus 78V^{(5),\varnothing} \oplus 4V^{(5),(1)} \oplus V^{(6),\varnothing}$
$k = 7: \quad V^{\varnothing,\varnothing} \oplus V^{\varnothing,(1)} \oplus V^{\varnothing,(2)} \oplus V^{\varnothing,(3)} \oplus V^{\varnothing,(4)} \oplus V^{\varnothing,(5)} \oplus V^{\varnothing,(6)} \oplus V^{(1),\varnothing} \oplus 4440V^{(1),(1)} \oplus 2460V^{(1),(2)} \oplus 1120V^{(1),(3)} \oplus 500V^{(1),(4)} \oplus 178V^{(1),(5)} \oplus 2V^{(1),(6)} \oplus V^{(2),\varnothing} \oplus 2460V^{(2),(1)} \oplus 1196V^{(2),(2)} \oplus 516V^{(2),(3)} \oplus 132V^{(2),(4)} \oplus 4V^{(2),(5)} \oplus V^{(3),\varnothing} \oplus 1120V^{(3),(1)} \oplus 516V^{(3),(2)} \oplus 130V^{(3),(3)} \oplus 10V^{(3),(4)} \oplus V^{(4),\varnothing} \oplus 500V^{(4),(1)} \oplus 132V^{(4),(2)} \oplus 10V^{(4),(3)} \oplus V^{(5),\varnothing} \oplus 178V^{(5),(1)} \oplus 4V^{(5),(2)} \oplus V^{(6),\varnothing} \oplus 2V^{(6),(1)}$
$k = 6: \quad 720V^{(1),(1)} \oplus 720V^{(1),(2)} \oplus 468V^{(1),(3)} \oplus 260V^{(1),(4)} \oplus 150V^{(1),(5)} \oplus 76V^{(1),(6)} \oplus V^{(1),(7)} \oplus 720V^{(2),(1)} \oplus 624V^{(2),(2)} \oplus 344V^{(2),(3)} \oplus 168V^{(2),(4)} \oplus 62V^{(2),(5)} \oplus 2V^{(2),(6)} \oplus 468V^{(3),(1)} \oplus 344V^{(3),(2)} \oplus 184V^{(3),(3)} \oplus 52V^{(3),(4)} \oplus 4V^{(3),(5)} \oplus 260V^{(4),(1)} \oplus 168V^{(4),(2)} \oplus 52V^{(4),(3)} \oplus 10V^{(4),(4)} \oplus 150V^{(5),(1)} \oplus 62V^{(5),(2)} \oplus 4V^{(5),(3)} \oplus 76V^{(6),(1)} \oplus 2V^{(6),(2)} \oplus V^{(7),(1)}$
$k = 5: \quad 120V^{(2),(2)} \oplus 120V^{(2),(3)} \oplus 80V^{(2),(4)} \oplus 50V^{(2),(5)} \oplus 26V^{(2),(6)} \oplus V^{(2),(7)} \oplus 120V^{(3),(2)} \oplus 102V^{(3),(3)} \oplus 60V^{(3),(4)} \oplus 24V^{(3),(5)} \oplus 2V^{(3),(6)} \oplus 80V^{(4),(2)} \oplus 60V^{(4),(3)} \oplus 22V^{(4),(4)} \oplus 4V^{(4),(5)} \oplus 50V^{(5),(2)} \oplus 24V^{(5),(3)} \oplus 4V^{(5),(4)} \oplus 26V^{(6),(2)} \oplus 2V^{(6),(3)} \oplus V^{(7),(2)}$
$k = 4: \quad 24V^{(3),(3)} \oplus 24V^{(3),(4)} \oplus 18V^{(3),(5)} \oplus 10V^{(3),(6)} \oplus V^{(3),(7)} \oplus 24V^{(4),(3)} \oplus 20V^{(4),(4)} \oplus 10V^{(4),(5)} \oplus 2V^{(4),(6)} \oplus 18V^{(5),(3)} \oplus 10V^{(5),(4)} \oplus 4V^{(5),(5)} \oplus 10V^{(6),(3)} \oplus 2V^{(6),(4)} \oplus V^{(7),(3)}$
$k = 3: \quad 6V^{(4),(4)} \oplus 6V^{(4),(5)} \oplus 4V^{(4),(6)} \oplus V^{(4),(7)} \oplus 6V^{(5),(4)} \oplus 5V^{(5),(5)} \oplus 2V^{(5),(6)} \oplus 4V^{(6),(4)} \oplus 2V^{(6),(5)} \oplus V^{(7),(4)}$
$k = 2: \quad 2V^{(5),(5)} \oplus 2V^{(5),(6)} \oplus V^{(5),(7)} \oplus 2V^{(6),(5)} \oplus 2V^{(6),(6)} \oplus V^{(7),(5)}$
$k = 1: \quad V^{(6),(6)} \oplus V^{(6),(7)} \oplus V^{(7),(6)}$
$k = 0: \quad V^{(7),(7)}$

Table 2: Table for $\lambda = (7,)$, $\mu = (6,1)$:

$k = 14: \quad 6V^{\varnothing,\varnothing}$
$k = 13: \quad 6579V^{\varnothing,\varnothing} \oplus 11V^{\varnothing,(1)} \oplus 61V^{(1),\varnothing}$
$k = 12:$ $12688V^{\varnothing,\varnothing} \oplus 4648V^{\varnothing,(1)} \oplus 9V^{\varnothing,(2)} \oplus 5V^{\varnothing,(1,1)} \oplus 3266V^{(1),\varnothing} \oplus 1027V^{(1),(1)} \oplus 35V^{(2),\varnothing}$
$k = 11: \quad 12944V^{\varnothing,\varnothing} \oplus 8595V^{\varnothing,(1)} \oplus 1802V^{\varnothing,(2)} \oplus 914V^{\varnothing,(1,1)} \oplus 7V^{\varnothing,(3)} \oplus 4V^{\varnothing,(2,1)} \oplus 5880V^{(1),\varnothing} \oplus 8152V^{(1),(1)} \oplus 187V^{(1),(2)} \oplus 154V^{(1),(1,1)} \oplus 1264V^{(2),\varnothing} \oplus 307V^{(2),(1)} \oplus 18V^{(3),\varnothing}$
$k = 10: \quad 9866V^{\varnothing,\varnothing} \oplus 7880V^{\varnothing,(1)} \oplus 3061V^{\varnothing,(2)} \oplus 1543V^{\varnothing,(1,1)} \oplus 742V^{\varnothing,(3)} \oplus 376V^{\varnothing,(2,1)} \oplus 5V^{\varnothing,(4)} \oplus 3V^{\varnothing,(3,1)} \oplus 5108V^{(1),\varnothing} \oplus 14710V^{(1),(1)} \oplus 2848V^{(1),(2)} \oplus 2412V^{(1),(1,1)} \oplus 43V^{(1),(3)} \oplus 34V^{(1),(2,1)} \oplus 2040V^{(2),\varnothing} \oplus 2848V^{(2),(1)} \oplus 187V^{(2),(2)} \oplus 154V^{(2),(1,1)} \oplus 518V^{(3),\varnothing} \oplus 67V^{(3),(1)} \oplus 8V^{(4),\varnothing}$
$k = 9: \quad 4446V^{\varnothing,\varnothing} \oplus 4945V^{\varnothing,(1)} \oplus 2256V^{\varnothing,(2)} \oplus 1136V^{\varnothing,(1,1)} \oplus 1009V^{\varnothing,(3)} \oplus 509V^{\varnothing,(2,1)} \oplus 360V^{\varnothing,(4)} \oplus 182V^{\varnothing,(3,1)} \oplus 3V^{\varnothing,(5)} \oplus 2V^{\varnothing,(4,1)} \oplus 3060V^{(1),\varnothing} \oplus 14380V^{(1),(1)} \oplus 4938V^{(1),(2)} \oplus 4344V^{(1),(1,1)} \oplus 1096V^{(1),(3)} \oplus 928V^{(1),(2,1)} \oplus 13V^{(1),(4)} \oplus 10V^{(1),(3,1)} \oplus 1440V^{(2),\varnothing} \oplus 4938V^{(2),(1)} \oplus 1036V^{(2),(2)} \oplus 856V^{(2),(1,1)} \oplus 43V^{(2),(3)} \oplus 34V^{(2),(2,1)} \oplus 658V^{(3),\varnothing} \oplus 1096V^{(3),(1)} \oplus 67V^{(3),(2)} \oplus 34V^{(3),(1,1)} \oplus 228V^{(4),\varnothing} \oplus 19V^{(4),(1)} \oplus 3V^{(5),\varnothing}$
$k = 8: \quad 726V^{\varnothing,\varnothing} \oplus 1446V^{\varnothing,(1)} \oplus 941V^{\varnothing,(2)} \oplus 473V^{\varnothing,(1,1)} \oplus 524V^{\varnothing,(3)} \oplus 264V^{\varnothing,(2,1)} \oplus 303V^{\varnothing,(4)} \oplus 153V^{\varnothing,(3,1)} \oplus 154V^{\varnothing,(5)} \oplus 78V^{\varnothing,(4,1)} \oplus V^{\varnothing,(6)} \oplus V^{\varnothing,(5,1)} \oplus 900V^{(1),\varnothing} \oplus 10532V^{(1),(1)} \oplus 4304V^{(1),(2)} \oplus 3936V^{(1),(1,1)} \oplus 1722V^{(1),(3)} \oplus 1536V^{(1),(2,1)} \oplus 448V^{(1),(4)} \oplus 376V^{(1),(3,1)} \oplus 5V^{(1),(5)} \oplus 4V^{(1),(4,1)} \oplus 588V^{(2),\varnothing} \oplus 4304V^{(2),(1)} \oplus 1670V^{(2),(2)} \oplus 1460V^{(2),(1,1)} \oplus 396V^{(2),(3)} \oplus 328V^{(2),(2,1)} \oplus 13V^{(2),(4)} \oplus 10V^{(2),(3,1)} \oplus 332V^{(3),\varnothing} \oplus 1722V^{(3),(1)} \oplus 396V^{(3),(2)} \oplus 328V^{(3),(1,1)} \oplus 43V^{(3),(3)} \oplus 34V^{(3),(2,1)} \oplus 186V^{(4),\varnothing} \oplus 448V^{(4),(1)} \oplus 19V^{(4),(2)} \oplus 10V^{(4),(1,1)} \oplus 88V^{(5),\varnothing} \oplus 7V^{(5),(1)} \oplus V^{(6),\varnothing}$
$k = 7: \quad V^{\varnothing,(1)} \oplus V^{\varnothing,(2)} \oplus V^{\varnothing,(1,1)} \oplus V^{\varnothing,(3)} \oplus V^{\varnothing,(2,1)} \oplus V^{\varnothing,(4)} \oplus V^{\varnothing,(3,1)} \oplus V^{\varnothing,(5)} \oplus V^{\varnothing,(4,1)} \oplus V^{\varnothing,(6)} \oplus V^{\varnothing,(5,1)} \oplus 36V^{(1),\varnothing} \oplus 4560V^{(1),(1)} \oplus 2580V^{(1),(2)} \oplus 2460V^{(1),(1,1)} \oplus 1200V^{(1),(3)} \oplus 1120V^{(1),(2,1)} \oplus 550V^{(1),(4)} \oplus 500V^{(1),(3,1)} \oplus 204V^{(1),(5)} \oplus 178V^{(1),(4,1)} \oplus 2V^{(1),(6)} \oplus 2V^{(1),(5,1)} \oplus 30V^{(2),\varnothing} \oplus 2580V^{(2),(1)} \oplus 1304V^{(2),(2)} \oplus 1196V^{(2),(1,1)} \oplus 582V^{(2),(3)} \oplus 516V^{(2),(2,1)} \oplus 160V^{(2),(4)} \oplus 132V^{(2),(3,1)} \oplus 5V^{(2),(5)} \oplus 4V^{(2),(4,1)} \oplus 24V^{(3),\varnothing} \oplus 1200V^{(3),(1)} \oplus 582V^{(3),(2)} \oplus 516V^{(3),(1,1)} \oplus 160V^{(3),(3)} \oplus 130V^{(3),(2,1)} \oplus 13V^{(3),(4)} \oplus 10V^{(3),(3,1)} \oplus 18V^{(4),\varnothing} \oplus 550V^{(4),(1)} \oplus 160V^{(4),(2)} \oplus 132V^{(4),(1,1)} \oplus 19V^{(4),(3)} \oplus 10V^{(4),(2,1)} \oplus 12V^{(5),\varnothing} \oplus 204V^{(5),(1)} \oplus 7V^{(5),(2)} \oplus 4V^{(5),(1,1)} \oplus 6V^{(6),\varnothing} \oplus 3V^{(6),(1)}$
$k = 6:$ $720V^{(1),(1)} \oplus 720V^{(1),(2)} \oplus 720V^{(1),(1,1)} \oplus 468V^{(1),(3)} \oplus 468V^{(1),(2,1)} \oplus 260V^{(1),(4)} \oplus 260V^{(1),(3,1)} \oplus 150V^{(1),(5)} \oplus 150V^{(1),(4,1)} \oplus 76V^{(1),(6)} \oplus 76V^{(1),(5,1)} \oplus V^{(1),(6,1)} \oplus 720V^{(2),(1)} \oplus 648V^{(2),(2)} \oplus 624V^{(2),(1,1)} \oplus 368V^{(2),(3)} \oplus 344V^{(2),(2,1)} \oplus 186V^{(2),(4)} \oplus 168V^{(2),(3,1)} \oplus 72V^{(2),(5)} \oplus 62V^{(2),(4,1)} \oplus 2V^{(2),(6)} \oplus 2V^{(2),(5,1)} \oplus 468V^{(3),(1)} \oplus 368V^{(3),(2)} \oplus 344V^{(3),(1,1)} \oplus 206V^{(3),(3)} \oplus 184V^{(3),(2,1)} \oplus 64V^{(3),(4)} \oplus 52V^{(3),(3,1)} \oplus 5V^{(3),(5)} \oplus 4V^{(3),(4,1)} \oplus 260V^{(4),(1)} \oplus 186V^{(4),(2)} \oplus 168V^{(4),(1,1)} \oplus 64V^{(4),(3)} \oplus 52V^{(4),(2,1)} \oplus 13V^{(4),(4)} \oplus 10V^{(4),(3,1)} \oplus 150V^{(5),(1)} \oplus 72V^{(5),(2)} \oplus 62V^{(5),(1,1)} \oplus 7V^{(5),(3)} \oplus 4V^{(5),(2,1)} \oplus 76V^{(6),(1)} \oplus 3V^{(6),(2)} \oplus 2V^{(6),(1,1)} \oplus V^{(7),(1)}$
$k = 5: \quad 120V^{(2),(2)} \oplus 120V^{(2),(1,1)} \oplus 120V^{(2),(3)} \oplus 120V^{(2),(2,1)} \oplus 80V^{(2),(4)} \oplus 80V^{(2),(3,1)} \oplus 50V^{(2),(5)} \oplus 50V^{(2),(4,1)} \oplus 26V^{(2),(6)} \oplus 26V^{(2),(5,1)} \oplus V^{(2),(6,1)} \oplus 120V^{(3),(2)} \oplus 120V^{(3),(1,1)} \oplus 108V^{(3),(3)} \oplus 102V^{(3),(2,1)} \oplus 66V^{(3),(4)} \oplus 60V^{(3),(3,1)} \oplus 28V^{(3),(5)} \oplus 24V^{(3),(4,1)} \oplus 2V^{(3),(6)} \oplus 2V^{(3),(5,1)} \oplus 80V^{(4),(2)} \oplus 80V^{(4),(1,1)} \oplus 66V^{(4),(3)} \oplus 60V^{(4),(2,1)} \oplus 28V^{(4),(4)} \oplus 22V^{(4),(3,1)} \oplus 5V^{(4),(5)} \oplus 4V^{(4),(4,1)} \oplus 50V^{(5),(2)} \oplus 50V^{(5),(1,1)} \oplus 28V^{(5),(3)} \oplus 24V^{(5),(2,1)} \oplus 7V^{(5),(4)} \oplus 4V^{(5),(3,1)} \oplus 26V^{(6),(2)} \oplus 26V^{(6),(1,1)} \oplus 3V^{(6),(3)} \oplus 2V^{(6),(2,1)} \oplus V^{(7),(2)} \oplus V^{(7),(1,1)}$
$k = 4:$

Table 3: Table for $\lambda = (7,)$, $\mu = (5,2)$:

$k = 14: \quad 5V^{\varnothing,\varnothing}$
$k = 13: \quad 6586V^{\varnothing,\varnothing} \oplus 13V^{\varnothing,(1)} \oplus 170V^{(1),\varnothing}$
$k = 12:$ $12696V^{\varnothing,\varnothing} \oplus 4696V^{\varnothing,(1)} \oplus 11V^{\varnothing,(2)} \oplus 8V^{\varnothing,(1,1)} \oplus 3956V^{(1),\varnothing} \oplus 1057V^{(1),(1)} \oplus 64V^{(2),\varnothing}$
$k = 11: \quad 12952V^{\varnothing,\varnothing} \oplus 8655V^{\varnothing,(1)} \oplus 1926V^{\varnothing,(2)} \oplus 1042V^{\varnothing,(1,1)} \oplus 8V^{\varnothing,(3)} \oplus 7V^{\varnothing,(2,1)} \oplus$ $7104V^{(1),\varnothing} \oplus 8344V^{(1),(1)} \oplus 195V^{(1),(2)} \oplus 186V^{(1),(1,1)} \oplus 1488V^{(2),\varnothing} \oplus 337V^{(2),(1)} \oplus 22V^{(3),\varnothing}$
$k = 10: \quad 9874V^{\varnothing,\varnothing} \oplus 7904V^{\varnothing,(1)} \oplus 3229V^{\varnothing,(2)} \oplus 1711V^{\varnothing,(1,1)} \oplus 794V^{\varnothing,(3)} \oplus$ $742V^{\varnothing,(2,1)} \oplus 5V^{\varnothing,(4)} \oplus 5V^{\varnothing,(3,1)} \oplus 3V^{\varnothing,(2,2)} \oplus 6148V^{(1),\varnothing} \oplus 14866V^{(1),(1)} \oplus$ $2976V^{(1),(2)} \oplus 2588V^{(1),(1,1)} \oplus 45V^{(1),(3)} \oplus 43V^{(1),(2,1)} \oplus 2440V^{(2),\varnothing} \oplus 2944V^{(2),(1)} \oplus$ $195V^{(2),(2)} \oplus 186V^{(2),(1,1)} \oplus 598V^{(3),\varnothing} \oplus 97V^{(3),(1)} \oplus 8V^{(4),\varnothing}$
$k = 9: \quad 4454V^{\varnothing,\varnothing} \oplus 4945V^{\varnothing,(1)} \oplus 2336V^{\varnothing,(2)} \oplus 1216V^{\varnothing,(1,1)} \oplus 1059V^{\varnothing,(3)} \oplus$ $1009V^{\varnothing,(2,1)} \oplus 360V^{\varnothing,(4)} \oplus 360V^{\varnothing,(3,1)} \oplus 182V^{\varnothing,(2,2)} \oplus 2V^{\varnothing,(5)} \oplus 3V^{\varnothing,(4,1)} \oplus$ $2V^{\varnothing,(3,2)} \oplus 4316V^{(1),\varnothing} \oplus 14416V^{(1),(1)} \oplus 5082V^{(1),(2)} \oplus 4488V^{(1),(1,1)} \oplus 1136V^{(1),(3)} \oplus$ $1096V^{(1),(2,1)} \oplus 13V^{(1),(4)} \oplus 13V^{(1),(3,1)} \oplus 10V^{(1),(2,2)} \oplus 1760V^{(2),\varnothing} \oplus 4974V^{(2),(1)} \oplus$ $1092V^{(2),(2)} \oplus 936V^{(2),(1,1)} \oplus 45V^{(2),(3)} \oplus 43V^{(2),(2,1)} \oplus 802V^{(3),\varnothing} \oplus 1120V^{(3),(1)} \oplus$ $75V^{(3),(2)} \oplus 66V^{(3),(1,1)} \oplus 260V^{(4),\varnothing} \oplus 25V^{(4),(1)} \oplus 3V^{(5),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 1446V^{\varnothing,(1)} \oplus 941V^{\varnothing,(2)} \oplus 473V^{\varnothing,(1,1)} \oplus 524V^{\varnothing,(3)} \oplus 524V^{\varnothing,(2,1)} \oplus$ $303V^{\varnothing,(4)} \oplus 303V^{\varnothing,(3,1)} \oplus 153V^{\varnothing,(2,2)} \oplus 78V^{\varnothing,(5)} \oplus 154V^{\varnothing,(4,1)} \oplus 78V^{\varnothing,(3,2)} \oplus$ $V^{\varnothing,(5,1)} \oplus V^{\varnothing,(4,2)} \oplus 1560V^{(1),\varnothing} \oplus 10532V^{(1),(1)} \oplus 4352V^{(1),(2)} \oplus 3984V^{(1),(1,1)} \oplus$ $1758V^{(1),(3)} \oplus 1722V^{(1),(2,1)} \oplus 448V^{(1),(4)} \oplus 448V^{(1),(3,1)} \oplus 376V^{(1),(2,2)} \oplus 4V^{(1),(5)} \oplus$ $5V^{(1),(4,1)} \oplus 4V^{(1),(3,2)} \oplus 888V^{(2),\varnothing} \oplus 4304V^{(2),(1)} \oplus 1718V^{(2),(2)} \oplus 1508V^{(2),(1,1)} \oplus$ $412V^{(2),(3)} \oplus 396V^{(2),(2,1)} \oplus 13V^{(2),(4)} \oplus 13V^{(2),(3,1)} \oplus 10V^{(2),(2,2)} \oplus 428V^{(3),\varnothing} \oplus$ $1722V^{(3),(1)} \oplus 424V^{(3),(2)} \oplus 356V^{(3),(1,1)} \oplus 45V^{(3),(3)} \oplus 43V^{(3),(2,1)} \oplus 234V^{(4),\varnothing} \oplus$ $448V^{(4),(1)} \oplus 27V^{(4),(2)} \oplus 18V^{(4),(1,1)} \oplus 104V^{(5),\varnothing} \oplus 7V^{(5),(1)} \oplus V^{(6),\varnothing}$
$k = 7: \quad V^{\varnothing,(1)} \oplus V^{\varnothing,(2)} \oplus V^{\varnothing,(1,1)} \oplus V^{\varnothing,(3)} \oplus V^{\varnothing,(2,1)} \oplus V^{\varnothing,(4)} \oplus V^{\varnothing,(3,1)} \oplus V^{\varnothing,(2,2)} \oplus$ $V^{\varnothing,(5)} \oplus V^{\varnothing,(4,1)} \oplus V^{\varnothing,(3,2)} \oplus V^{\varnothing,(5,1)} \oplus V^{\varnothing,(4,2)} \oplus 196V^{(1),\varnothing} \oplus 4560V^{(1),(1)} \oplus 2580V^{(1),(2)} \oplus$ $2460V^{(1),(1,1)} \oplus 1200V^{(1),(3)} \oplus 1200V^{(1),(2,1)} \oplus 550V^{(1),(4)} \oplus 550V^{(1),(3,1)} \oplus 500V^{(1),(2,2)} \oplus$ $178V^{(1),(5)} \oplus 204V^{(1),(4,1)} \oplus 178V^{(1),(3,2)} \oplus 2V^{(1),(5,1)} \oplus 2V^{(1),(4,2)} \oplus 140V^{(2),\varnothing} \oplus$ $2580V^{(2),(1)} \oplus 1316V^{(2),(2)} \oplus 1208V^{(2),(1,1)} \oplus 594V^{(2),(3)} \oplus 582V^{(2),(2,1)} \oplus 160V^{(2),(4)} \oplus$ $160V^{(2),(3,1)} \oplus 132V^{(2),(2,2)} \oplus 4V^{(2),(5)} \oplus 5V^{(2),(4,1)} \oplus 4V^{(2),(3,2)} \oplus 84V^{(3),\varnothing} \oplus 1200V^{(3),(1)} \oplus$ $594V^{(3),(2)} \oplus 528V^{(3),(1,1)} \oplus 168V^{(3),(3)} \oplus 160V^{(3),(2,1)} \oplus 13V^{(3),(4)} \oplus 13V^{(3),(3,1)} \oplus$ $10V^{(3),(2,2)} \oplus 42V^{(4),\varnothing} \oplus 550V^{(4),(1)} \oplus 168V^{(4),(2)} \oplus 140V^{(4),(1,1)} \oplus 21V^{(4),(3)} \oplus$ $19V^{(4),(2,1)} \oplus 28V^{(5),\varnothing} \oplus 204V^{(5),(1)} \oplus 9V^{(5),(2)} \oplus 6V^{(5),(1,1)} \oplus 14V^{(6),\varnothing} \oplus 3V^{(6),(1)}$
$k = 6: \quad 720V^{(1),(1)} \oplus 720V^{(1),(2)} \oplus 720V^{(1),(1,1)} \oplus 468V^{(1),(3)} \oplus 468V^{(1),(2,1)} \oplus$ $260V^{(1),(4)} \oplus 260V^{(1),(3,1)} \oplus 260V^{(1),(2,2)} \oplus 150V^{(1),(5)} \oplus 150V^{(1),(4,1)} \oplus 150V^{(1),(3,2)} \oplus$ $76V^{(1),(5,1)} \oplus 76V^{(1),(4,2)} \oplus V^{(1),(5,2)} \oplus 720V^{(2),(1)} \oplus 648V^{(2),(2)} \oplus 624V^{(2),(1,1)} \oplus$ $368V^{(2),(3)} \oplus 368V^{(2),(2,1)} \oplus 186V^{(2),(4)} \oplus 186V^{(2),(3,1)} \oplus 168V^{(2),(2,2)} \oplus 62V^{(2),(5)} \oplus$ $72V^{(2),(4,1)} \oplus 62V^{(2),(3,2)} \oplus 2V^{(2),(5,1)} \oplus 2V^{(2),(4,2)} \oplus 468V^{(3),(1)} \oplus 368V^{(3),(2)} \oplus$ $344V^{(3),(1,1)} \oplus 210V^{(3),(3)} \oplus 206V^{(3),(2,1)} \oplus 64V^{(3),(4)} \oplus 64V^{(3),(3,1)} \oplus 52V^{(3),(2,2)} \oplus$ $4V^{(3),(5)} \oplus 5V^{(3),(4,1)} \oplus 4V^{(3),(3,2)} \oplus 260V^{(4),(1)} \oplus 186V^{(4),(2)} \oplus 168V^{(4),(1,1)} \oplus 68V^{(4),(3)} \oplus$ $64V^{(4),(2,1)} \oplus 13V^{(4),(4)} \oplus 13V^{(4),(3,1)} \oplus 10V^{(4),(2,2)} \oplus 150V^{(5),(1)} \oplus 72V^{(5),(2)} \oplus$ $62V^{(5),(1,1)} \oplus 9V^{(5),(3)} \oplus 7V^{(5),(2,1)} \oplus 76V^{(6),(1)} \oplus 3V^{(6),(2)} \oplus 2V^{(6),(1,1)} \oplus V^{(7),(1)}$
$k = 5: \quad 120V^{(2),(2)} \oplus 120V^{(2),(1,1)} \oplus 120V^{(2),(3)} \oplus 120V^{(2),(2,1)} \oplus 80V^{(2),(4)} \oplus 80V^{(2),(3,1)} \oplus$ $80V^{(2),(2,2)} \oplus 50V^{(2),(5)} \oplus 50V^{(2),(4,1)} \oplus 50V^{(2),(3,2)} \oplus 26V^{(2),(5,1)} \oplus 26V^{(2),(4,2)} \oplus V^{(2),(5,2)} \oplus$ $120V^{(3),(2)} \oplus 120V^{(3),(1,1)} \oplus 108V^{(3),(3)} \oplus 108V^{(3),(2,1)} \oplus 66V^{(3),(4)} \oplus 66V^{(3),(3,1)} \oplus$ $60V^{(3),(2,2)} \oplus 24V^{(3),(5)} \oplus 28V^{(3),(4,1)} \oplus 24V^{(3),(3,2)} \oplus 2V^{(3),(5,1)} \oplus 2V^{(3),(4,2)} \oplus 80V^{(4),(2)} \oplus$

Table 4: Table for $\lambda = (7,)$, $\mu = (5,1,1)$:

$k = 14: \quad 5V^{\varnothing,\varnothing}$
$k = 13: \quad 6587V^{\varnothing,\varnothing} \oplus 14V^{\varnothing,(1)} \oplus 206V^{(1),\varnothing}$
$k = 12:$ $12697V^{\varnothing,\varnothing} \oplus 4956V^{\varnothing,(1)} \oplus 11V^{\varnothing,(2)} \oplus 9V^{\varnothing,(1,1)} \oplus 4134V^{(1),\varnothing} \oplus 1059V^{(1),(1)} \oplus 81V^{(2),\varnothing}$
$k = 11:$ $12953V^{\varnothing,\varnothing} \oplus 9105V^{\varnothing,(1)} \oplus 1926V^{\varnothing,(2)} \oplus 1802V^{\varnothing,(1,1)} \oplus 8V^{\varnothing,(3)} \oplus 7V^{\varnothing,(2,1)} \oplus 4V^{\varnothing,(1,1,1)} \oplus$ $7338V^{(1),\varnothing} \oplus 8544V^{(1),(1)} \oplus 195V^{(1),(2)} \oplus 187V^{(1),(1,1)} \oplus 1554V^{(2),\varnothing} \oplus 339V^{(2),(1)} \oplus 28V^{(3),\varnothing}$
$k = 10: \quad 9875V^{\varnothing,\varnothing} \oplus 8224V^{\varnothing,(1)} \oplus 3229V^{\varnothing,(2)} \oplus 3061V^{\varnothing,(1,1)} \oplus 794V^{\varnothing,(3)} \oplus$ $742V^{\varnothing,(2,1)} \oplus 376V^{\varnothing,(1,1,1)} \oplus 5V^{\varnothing,(4)} \oplus 5V^{\varnothing,(3,1)} \oplus 3V^{\varnothing,(2,1,1)} \oplus 7142V^{(1),\varnothing} \oplus$ $15190V^{(1),(1)} \oplus 2976V^{(1),(2)} \oplus 2848V^{(1),(1,1)} \oplus 45V^{(1),(3)} \oplus 43V^{(1),(2,1)} \oplus 34V^{(1),(1,1,1)} \oplus$ $2508V^{(2),\varnothing} \oplus 3024V^{(2),(1)} \oplus 195V^{(2),(2)} \oplus 187V^{(2),(1,1)} \oplus 618V^{(3),\varnothing} \oplus 99V^{(3),(1)} \oplus 9V^{(4),\varnothing}$
$k = 9: \quad 4455V^{\varnothing,\varnothing} \oplus 5065V^{\varnothing,(1)} \oplus 2336V^{\varnothing,(2)} \oplus 2256V^{\varnothing,(1,1)} \oplus 1059V^{\varnothing,(3)} \oplus$ $1009V^{\varnothing,(2,1)} \oplus 509V^{\varnothing,(1,1,1)} \oplus 360V^{\varnothing,(4)} \oplus 360V^{\varnothing,(3,1)} \oplus 182V^{\varnothing,(2,1,1)} \oplus 2V^{\varnothing,(5)} \oplus 3V^{\varnothing,(4,1)} \oplus$ $2V^{\varnothing,(3,1,1)} \oplus 4605V^{(1),\varnothing} \oplus 14608V^{(1),(1)} \oplus 5082V^{(1),(2)} \oplus 4938V^{(1),(1,1)} \oplus 1136V^{(1),(3)} \oplus$ $1096V^{(1),(2,1)} \oplus 928V^{(1),(1,1,1)} \oplus 13V^{(1),(4)} \oplus 13V^{(1),(3,1)} \oplus 10V^{(1),(2,1,1)} \oplus 2040V^{(2),\varnothing} \oplus$ $5082V^{(2),(1)} \oplus 1092V^{(2),(2)} \oplus 1036V^{(2),(1,1)} \oplus 45V^{(2),(3)} \oplus 43V^{(2),(2,1)} \oplus 34V^{(2),(1,1,1)} \oplus$ $820V^{(3),\varnothing} \oplus 1160V^{(3),(1)} \oplus 75V^{(3),(2)} \oplus 67V^{(3),(1,1)} \oplus 264V^{(4),\varnothing} \oplus 27V^{(4),(1)} \oplus 3V^{(5),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 1446V^{\varnothing,(1)} \oplus 941V^{\varnothing,(2)} \oplus 941V^{\varnothing,(1,1)} \oplus 524V^{\varnothing,(3)} \oplus$ $524V^{\varnothing,(2,1)} \oplus 264V^{\varnothing,(1,1,1)} \oplus 303V^{\varnothing,(4)} \oplus 303V^{\varnothing,(3,1)} \oplus 153V^{\varnothing,(2,1,1)} \oplus 78V^{\varnothing,(5)} \oplus$ $154V^{\varnothing,(4,1)} \oplus 78V^{\varnothing,(3,1,1)} \oplus V^{\varnothing,(5,1)} \oplus V^{\varnothing,(4,1,1)} \oplus 1710V^{(1),\varnothing} \oplus 10580V^{(1),(1)} \oplus$ $4352V^{(1),(2)} \oplus 4304V^{(1),(1,1)} \oplus 1758V^{(1),(3)} \oplus 1722V^{(1),(2,1)} \oplus 1536V^{(1),(1,1,1)} \oplus$ $448V^{(1),(4)} \oplus 448V^{(1),(3,1)} \oplus 376V^{(1),(2,1,1)} \oplus 4V^{(1),(5)} \oplus 5V^{(1),(4,1)} \oplus 4V^{(1),(3,1,1)} \oplus$ $993V^{(2),\varnothing} \oplus 4352V^{(2),(1)} \oplus 1718V^{(2),(2)} \oplus 1670V^{(2),(1,1)} \oplus 412V^{(2),(3)} \oplus 396V^{(2),(2,1)} \oplus$ $328V^{(2),(1,1,1)} \oplus 13V^{(2),(4)} \oplus 13V^{(2),(3,1)} \oplus 10V^{(2),(2,1,1)} \oplus 500V^{(3),\varnothing} \oplus 1758V^{(3),(1)} \oplus$ $424V^{(3),(2)} \oplus 396V^{(3),(1,1)} \oplus 45V^{(3),(3)} \oplus 43V^{(3),(2,1)} \oplus 34V^{(3),(1,1,1)} \oplus 240V^{(4),\varnothing} \oplus$ $468V^{(4),(1)} \oplus 27V^{(4),(2)} \oplus 19V^{(4),(1,1)} \oplus 106V^{(5),\varnothing} \oplus 9V^{(5),(1)} \oplus V^{(6),\varnothing}$
$k = 7: \quad V^{\varnothing,(1)} \oplus V^{\varnothing,(2)} \oplus V^{\varnothing,(1,1)} \oplus V^{\varnothing,(3)} \oplus V^{\varnothing,(2,1)} \oplus V^{\varnothing,(1,1,1)} \oplus V^{\varnothing,(4)} \oplus V^{\varnothing,(3,1)} \oplus$ $V^{\varnothing,(2,1,1)} \oplus V^{\varnothing,(5)} \oplus V^{\varnothing,(4,1)} \oplus V^{\varnothing,(3,1,1)} \oplus V^{\varnothing,(5,1)} \oplus V^{\varnothing,(4,1,1)} \oplus 225V^{(1),\varnothing} \oplus 4560V^{(1),(1)} \oplus$ $2580V^{(1),(2)} \oplus 2580V^{(1),(1,1)} \oplus 1200V^{(1),(3)} \oplus 1200V^{(1),(2,1)} \oplus 1120V^{(1),(1,1,1)} \oplus$ $550V^{(1),(4)} \oplus 550V^{(1),(3,1)} \oplus 500V^{(1),(2,1,1)} \oplus 178V^{(1),(5)} \oplus 204V^{(1),(4,1)} \oplus 178V^{(1),(3,1,1)} \oplus$ $2V^{(1),(5,1)} \oplus 2V^{(1),(4,1,1)} \oplus 165V^{(2),\varnothing} \oplus 2580V^{(2),(1)} \oplus 1316V^{(2),(2)} \oplus 1304V^{(2),(1,1)} \oplus$ $594V^{(2),(3)} \oplus 582V^{(2),(2,1)} \oplus 516V^{(2),(1,1,1)} \oplus 160V^{(2),(4)} \oplus 160V^{(2),(3,1)} \oplus 132V^{(2),(2,1,1)} \oplus$ $4V^{(2),(5)} \oplus 5V^{(2),(4,1)} \oplus 4V^{(2),(3,1,1)} \oplus 105V^{(3),\varnothing} \oplus 1200V^{(3),(1)} \oplus 594V^{(3),(2)} \oplus 582V^{(3),(1,1)} \oplus$ $168V^{(3),(3)} \oplus 160V^{(3),(2,1)} \oplus 130V^{(3),(1,1,1)} \oplus 13V^{(3),(4)} \oplus 13V^{(3),(3,1)} \oplus 10V^{(3),(2,1,1)} \oplus$ $60V^{(4),\varnothing} \oplus 550V^{(4),(1)} \oplus 168V^{(4),(2)} \oplus 160V^{(4),(1,1)} \oplus 21V^{(4),(3)} \oplus 19V^{(4),(2,1)} \oplus$ $10V^{(4),(1,1,1)} \oplus 30V^{(5),\varnothing} \oplus 204V^{(5),(1)} \oplus 9V^{(5),(2)} \oplus 7V^{(5),(1,1)} \oplus 15V^{(6),\varnothing} \oplus 3V^{(6),(1)}$
$k = 6: \quad 720V^{(1),(1)} \oplus 720V^{(1),(2)} \oplus 720V^{(1),(1,1)} \oplus 468V^{(1),(3)} \oplus 468V^{(1),(2,1)} \oplus$ $468V^{(1),(1,1,1)} \oplus 260V^{(1),(4)} \oplus 260V^{(1),(3,1)} \oplus 260V^{(1),(2,1,1)} \oplus 150V^{(1),(5)} \oplus 150V^{(1),(4,1)} \oplus$ $150V^{(1),(3,1,1)} \oplus 76V^{(1),(5,1)} \oplus 76V^{(1),(4,1,1)} \oplus V^{(1),(5,1,1)} \oplus 720V^{(2),(1)} \oplus 648V^{(2),(2)} \oplus$ $648V^{(2),(1,1)} \oplus 368V^{(2),(3)} \oplus 368V^{(2),(2,1)} \oplus 344V^{(2),(1,1,1)} \oplus 186V^{(2),(4)} \oplus 186V^{(2),(3,1)} \oplus$ $168V^{(2),(2,1,1)} \oplus 62V^{(2),(5)} \oplus 72V^{(2),(4,1)} \oplus 62V^{(2),(3,1,1)} \oplus 2V^{(2),(5,1)} \oplus 2V^{(2),(4,1,1)} \oplus$ $468V^{(3),(1)} \oplus 368V^{(3),(2)} \oplus 368V^{(3),(1,1)} \oplus 210V^{(3),(3)} \oplus 206V^{(3),(2,1)} \oplus 184V^{(3),(1,1,1)} \oplus$ $64V^{(3),(4)} \oplus 64V^{(3),(3,1)} \oplus 52V^{(3),(2,1,1)} \oplus 4V^{(3),(5)} \oplus 5V^{(3),(4,1)} \oplus 4V^{(3),(3,1,1)} \oplus$ $260V^{(4),(1)} \oplus 186V^{(4),(2)} \oplus 186V^{(4),(1,1)} \oplus 68V^{(4),(3)} \oplus 64V^{(4),(2,1)} \oplus 52V^{(4),(1,1,1)} \oplus$ $13V^{(4),(4)} \oplus 13V^{(4),(3,1)} \oplus 10V^{(4),(2,1,1)} \oplus 150V^{(5),(1)} \oplus 72V^{(5),(2)} \oplus 72V^{(5),(1,1)} \oplus$ $9V^{(5),(3)} \oplus 7V^{(5),(2,1)} \oplus 4V^{(5),(1,1,1)} \oplus 76V^{(6),(1)} \oplus 3V^{(6),(2)} \oplus 3V^{(6),(1,1)} \oplus V^{(7),(1)}$

Table 5: Table for $\lambda = (7,)$, $\mu = (4,3)$:

$k = 14: \quad 4V^{\varnothing,\varnothing}$
$k = 13: \quad 6582V^{\varnothing,\varnothing} \oplus 12V^{\varnothing,(1)} \oplus 169V^{(1),\varnothing}$
$k = 12:$ $12694V^{\varnothing,\varnothing} \oplus 4688V^{\varnothing,(1)} \oplus 10V^{\varnothing,(2)} \oplus 8V^{\varnothing,(1,1)} \oplus 3954V^{(1),\varnothing} \oplus 1033V^{(1),(1)} \oplus 63V^{(2),\varnothing}$
$k = 11: \quad 12952V^{\varnothing,\varnothing} \oplus 8649V^{\varnothing,(1)} \oplus 1906V^{\varnothing,(2)} \oplus 1042V^{\varnothing,(1,1)} \oplus 7V^{\varnothing,(3)} \oplus 7V^{\varnothing,(2,1)} \oplus$ $7104V^{(1),\varnothing} \oplus 8248V^{(1),(1)} \oplus 189V^{(1),(2)} \oplus 186V^{(1),(1,1)} \oplus 1488V^{(2),\varnothing} \oplus 313V^{(2),(1)} \oplus 22V^{(3),\varnothing}$
$k = 10: \quad 9874V^{\varnothing,\varnothing} \oplus 7904V^{\varnothing,(1)} \oplus 3211V^{\varnothing,(2)} \oplus 1711V^{\varnothing,(1,1)} \oplus 742V^{\varnothing,(3)} \oplus$ $742V^{\varnothing,(2,1)} \oplus 3V^{\varnothing,(4)} \oplus 5V^{\varnothing,(3,1)} \oplus 4V^{\varnothing,(2,2)} \oplus 6148V^{(1),\varnothing} \oplus 14818V^{(1),(1)} \oplus$ $2928V^{(1),(2)} \oplus 2588V^{(1),(1,1)} \oplus 43V^{(1),(3)} \oplus 43V^{(1),(2,1)} \oplus 2440V^{(2),\varnothing} \oplus 2896V^{(2),(1)} \oplus$ $189V^{(2),(2)} \oplus 186V^{(2),(1,1)} \oplus 598V^{(3),\varnothing} \oplus 73V^{(3),(1)} \oplus 8V^{(4),\varnothing}$
$k = 9: \quad 4440V^{\varnothing,\varnothing} \oplus 4945V^{\varnothing,(1)} \oplus 2336V^{\varnothing,(2)} \oplus 1216V^{\varnothing,(1,1)} \oplus 1009V^{\varnothing,(3)} \oplus$ $1009V^{\varnothing,(2,1)} \oplus 182V^{\varnothing,(4)} \oplus 360V^{\varnothing,(3,1)} \oplus 208V^{\varnothing,(2,2)} \oplus 2V^{\varnothing,(4,1)} \oplus 3V^{\varnothing,(3,2)} \oplus$ $4316V^{(1),\varnothing} \oplus 14416V^{(1),(1)} \oplus 5046V^{(1),(2)} \oplus 4488V^{(1),(1,1)} \oplus 1096V^{(1),(3)} \oplus$ $1096V^{(1),(2,1)} \oplus 10V^{(1),(4)} \oplus 13V^{(1),(3,1)} \oplus 12V^{(1),(2,2)} \oplus 1760V^{(2),\varnothing} \oplus 4974V^{(2),(1)} \oplus$ $1068V^{(2),(2)} \oplus 936V^{(2),(1,1)} \oplus 43V^{(2),(3)} \oplus 43V^{(2),(2,1)} \oplus 802V^{(3),\varnothing} \oplus 1120V^{(3),(1)} \oplus$ $69V^{(3),(2)} \oplus 66V^{(3),(1,1)} \oplus 260V^{(4),\varnothing} \oplus 25V^{(4),(1)} \oplus 3V^{(5),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 1446V^{\varnothing,(1)} \oplus 941V^{\varnothing,(2)} \oplus 473V^{\varnothing,(1,1)} \oplus 524V^{\varnothing,(3)} \oplus$ $524V^{\varnothing,(2,1)} \oplus 153V^{\varnothing,(4)} \oplus 303V^{\varnothing,(3,1)} \oplus 153V^{\varnothing,(2,2)} \oplus 78V^{\varnothing,(4,1)} \oplus 154V^{\varnothing,(3,2)} \oplus$ $V^{\varnothing,(4,2)} \oplus V^{\varnothing,(3,3)} \oplus 1476V^{(1),\varnothing} \oplus 10532V^{(1),(1)} \oplus 4352V^{(1),(2)} \oplus 3984V^{(1),(1,1)} \oplus$ $1722V^{(1),(3)} \oplus 1722V^{(1),(2,1)} \oplus 376V^{(1),(4)} \oplus 448V^{(1),(3,1)} \oplus 396V^{(1),(2,2)} \oplus 4V^{(1),(4,1)} \oplus$ $5V^{(1),(3,2)} \oplus 888V^{(2),\varnothing} \oplus 4304V^{(2),(1)} \oplus 1706V^{(2),(2)} \oplus 1508V^{(2),(1,1)} \oplus 396V^{(2),(3)} \oplus$ $396V^{(2),(2,1)} \oplus 10V^{(2),(4)} \oplus 13V^{(2),(3,1)} \oplus 12V^{(2),(2,2)} \oplus 428V^{(3),\varnothing} \oplus 1722V^{(3),(1)} \oplus$ $412V^{(3),(2)} \oplus 356V^{(3),(1,1)} \oplus 43V^{(3),(3)} \oplus 43V^{(3),(2,1)} \oplus 234V^{(4),\varnothing} \oplus 448V^{(4),(1)} \oplus$ $21V^{(4),(2)} \oplus 18V^{(4),(1,1)} \oplus 104V^{(5),\varnothing} \oplus 7V^{(5),(1)} \oplus V^{(6),\varnothing}$
$k = 7: \quad V^{\varnothing,(1)} \oplus V^{\varnothing,(2)} \oplus V^{\varnothing,(1,1)} \oplus V^{\varnothing,(3)} \oplus V^{\varnothing,(2,1)} \oplus V^{\varnothing,(4)} \oplus V^{\varnothing,(3,1)} \oplus V^{\varnothing,(2,2)} \oplus$ $V^{\varnothing,(4,1)} \oplus V^{\varnothing,(3,2)} \oplus V^{\varnothing,(4,2)} \oplus V^{\varnothing,(3,3)} \oplus 196V^{(1),\varnothing} \oplus 4560V^{(1),(1)} \oplus 2580V^{(1),(2)} \oplus$ $2460V^{(1),(1,1)} \oplus 1200V^{(1),(3)} \oplus 1200V^{(1),(2,1)} \oplus 500V^{(1),(4)} \oplus 550V^{(1),(3,1)} \oplus$ $500V^{(1),(2,2)} \oplus 178V^{(1),(4,1)} \oplus 204V^{(1),(3,2)} \oplus 2V^{(1),(4,2)} \oplus 2V^{(1),(3,3)} \oplus 126V^{(2),\varnothing} \oplus$ $2580V^{(2),(1)} \oplus 1316V^{(2),(2)} \oplus 1208V^{(2),(1,1)} \oplus 582V^{(2),(3)} \oplus 582V^{(2),(2,1)} \oplus 132V^{(2),(4)} \oplus$ $160V^{(2),(3,1)} \oplus 140V^{(2),(2,2)} \oplus 4V^{(2),(4,1)} \oplus 5V^{(2),(3,2)} \oplus 84V^{(3),\varnothing} \oplus 1200V^{(3),(1)} \oplus$ $594V^{(3),(2)} \oplus 528V^{(3),(1,1)} \oplus 160V^{(3),(3)} \oplus 160V^{(3),(2,1)} \oplus 10V^{(3),(4)} \oplus 13V^{(3),(3,1)} \oplus$ $12V^{(3),(2,2)} \oplus 42V^{(4),\varnothing} \oplus 550V^{(4),(1)} \oplus 168V^{(4),(2)} \oplus 140V^{(4),(1,1)} \oplus 19V^{(4),(3)} \oplus$ $19V^{(4),(2,1)} \oplus 28V^{(5),\varnothing} \oplus 204V^{(5),(1)} \oplus 9V^{(5),(2)} \oplus 6V^{(5),(1,1)} \oplus 14V^{(6),\varnothing} \oplus 3V^{(6),(1)}$
$k = 6:$ $720V^{(1),(1)} \oplus 720V^{(1),(2)} \oplus 720V^{(1),(1,1)} \oplus 468V^{(1),(3)} \oplus 468V^{(1),(2,1)} \oplus 260V^{(1),(4)} \oplus$ $260V^{(1),(3,1)} \oplus 260V^{(1),(2,2)} \oplus 150V^{(1),(4,1)} \oplus 150V^{(1),(3,2)} \oplus 76V^{(1),(4,2)} \oplus 76V^{(1),(3,3)} \oplus$ $V^{(1),(4,3)} \oplus 720V^{(2),(1)} \oplus 648V^{(2),(2)} \oplus 624V^{(2),(1,1)} \oplus 368V^{(2),(3)} \oplus 368V^{(2),(2,1)} \oplus$ $168V^{(2),(4)} \oplus 186V^{(2),(3,1)} \oplus 168V^{(2),(2,2)} \oplus 62V^{(2),(4,1)} \oplus 72V^{(2),(3,2)} \oplus 2V^{(2),(4,2)} \oplus$ $2V^{(2),(3,3)} \oplus 468V^{(3),(1)} \oplus 368V^{(3),(2)} \oplus 344V^{(3),(1,1)} \oplus 206V^{(3),(3)} \oplus 206V^{(3),(2,1)} \oplus$ $52V^{(3),(4)} \oplus 64V^{(3),(3,1)} \oplus 56V^{(3),(2,2)} \oplus 4V^{(3),(4,1)} \oplus 5V^{(3),(3,2)} \oplus 260V^{(4),(1)} \oplus 186V^{(4),(2)} \oplus$ $168V^{(4),(1,1)} \oplus 64V^{(4),(3)} \oplus 64V^{(4),(2,1)} \oplus 10V^{(4),(4)} \oplus 13V^{(4),(3,1)} \oplus 12V^{(4),(2,2)} \oplus 150V^{(5),(1)} \oplus$ $72V^{(5),(2)} \oplus 62V^{(5),(1,1)} \oplus 7V^{(5),(3)} \oplus 7V^{(5),(2,1)} \oplus 76V^{(6),(1)} \oplus 3V^{(6),(2)} \oplus 2V^{(6),(1,1)} \oplus V^{(7),(1)}$
$k = 5: \quad 120V^{(2),(2)} \oplus 120V^{(2),(1,1)} \oplus 120V^{(2),(3)} \oplus 120V^{(2),(2,1)} \oplus 80V^{(2),(4)} \oplus$ $80V^{(2),(3,1)} \oplus 80V^{(2),(2,2)} \oplus 50V^{(2),(4,1)} \oplus 50V^{(2),(3,2)} \oplus 26V^{(2),(4,2)} \oplus 26V^{(2),(3,3)} \oplus$ $V^{(2),(4,3)} \oplus 120V^{(3),(2)} \oplus 120V^{(3),(1,1)} \oplus 108V^{(3),(3)} \oplus 108V^{(3),(2,1)} \oplus 60V^{(3),(4)} \oplus$ $66V^{(3),(3,1)} \oplus 60V^{(3),(2,2)} \oplus 24V^{(3),(4,1)} \oplus 28V^{(3),(3,2)} \oplus 2V^{(3),(4,2)} \oplus 2V^{(3),(3,3)} \oplus 80V^{(4),(2)} \oplus$

Table 6: Table for $\lambda = (7,)$, $\mu = (4,2,1)$:

$k = 14: \quad 4V^{\varnothing,\varnothing}$
$k = 13: \quad 6603V^{\varnothing,\varnothing} \oplus 17V^{\varnothing,(1)} \oplus 571V^{(1),\varnothing}$
$k = 12:$ $12715V^{\varnothing,\varnothing} \oplus 5006V^{\varnothing,(1)} \oplus 14V^{\varnothing,(2)} \oplus 13V^{\varnothing,(1,1)} \oplus 5784V^{(1),\varnothing} \oplus 1209V^{(1),(1)} \oplus 134V^{(2),\varnothing}$
$k = 11: \quad 12973V^{\varnothing,\varnothing} \oplus 9165V^{\varnothing,(1)} \oplus 2054V^{\varnothing,(2)} \oplus 1950V^{\varnothing,(1,1)} \oplus 9V^{\varnothing,(3)} \oplus 11V^{\varnothing,(2,1)} \oplus 6V^{\varnothing,(1,1,1)} \oplus 10362V^{(1),\varnothing} \oplus 8856V^{(1),(1)} \oplus 227V^{(1),(2)} \oplus 225V^{(1),(1,1)} \oplus 2090V^{(2),\varnothing} \oplus 489V^{(2),(1)} \oplus 32V^{(3),\varnothing}$
$k = 10: \quad 9895V^{\varnothing,\varnothing} \oplus 8248V^{\varnothing,(1)} \oplus 3397V^{\varnothing,(2)} \oplus 3247V^{\varnothing,(1,1)} \oplus 804V^{\varnothing,(3)} \oplus 1160V^{\varnothing,(2,1)} \oplus 438V^{\varnothing,(1,1,1)} \oplus 4V^{\varnothing,(4)} \oplus 7V^{\varnothing,(3,1)} \oplus 5V^{\varnothing,(2,2)} \oplus 5V^{\varnothing,(2,1,1)} \oplus 10862V^{(1),\varnothing} \oplus 15346V^{(1),(1)} \oplus 3152V^{(1),(2)} \oplus 3072V^{(1),(1,1)} \oplus 51V^{(1),(3)} \oplus 54V^{(1),(2,1)} \oplus 42V^{(1),(1,1,1)} \oplus 3508V^{(2),\varnothing} \oplus 3120V^{(2),(1)} \oplus 227V^{(2),(2)} \oplus 225V^{(2),(1,1)} \oplus 818V^{(3),\varnothing} \oplus 129V^{(3),(1)} \oplus 9V^{(4),\varnothing}$
$k = 9: \quad 4440V^{\varnothing,\varnothing} \oplus 5065V^{\varnothing,(1)} \oplus 2416V^{\varnothing,(2)} \oplus 2336V^{\varnothing,(1,1)} \oplus 1059V^{\varnothing,(3)} \oplus 1559V^{\varnothing,(2,1)} \oplus 559V^{\varnothing,(1,1,1)} \oplus 208V^{\varnothing,(4)} \oplus 538V^{\varnothing,(3,1)} \oplus 360V^{\varnothing,(2,2)} \oplus 360V^{\varnothing,(2,1,1)} \oplus 3V^{\varnothing,(4,1)} \oplus 3V^{\varnothing,(3,2)} \oplus 3V^{\varnothing,(3,1,1)} \oplus 2V^{\varnothing,(2,2,1)} \oplus 8845V^{(1),\varnothing} \oplus 14644V^{(1),(1)} \oplus 5226V^{(1),(2)} \oplus 5118V^{(1),(1,1)} \oplus 1160V^{(1),(3)} \oplus 1304V^{(1),(2,1)} \oplus 992V^{(1),(1,1,1)} \oplus 12V^{(1),(4)} \oplus 16V^{(1),(3,1)} \oplus 13V^{(1),(2,2)} \oplus 13V^{(1),(2,1,1)} \oplus 3160V^{(2),\varnothing} \oplus 5118V^{(2),(1)} \oplus 1172V^{(2),(2)} \oplus 1140V^{(2),(1,1)} \oplus 51V^{(2),(3)} \oplus 54V^{(2),(2,1)} \oplus 42V^{(2),(1,1,1)} \oplus 1180V^{(3),\varnothing} \oplus 1184V^{(3),(1)} \oplus 107V^{(3),(2)} \oplus 105V^{(3),(1,1)} \oplus 344V^{(4),\varnothing} \oplus 33V^{(4),(1)} \oplus 3V^{(5),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 1446V^{\varnothing,(1)} \oplus 941V^{\varnothing,(2)} \oplus 941V^{\varnothing,(1,1)} \oplus 524V^{\varnothing,(3)} \oplus 784V^{\varnothing,(2,1)} \oplus 264V^{\varnothing,(1,1,1)} \oplus 153V^{\varnothing,(4)} \oplus 453V^{\varnothing,(3,1)} \oplus 303V^{\varnothing,(2,2)} \oplus 303V^{\varnothing,(2,1,1)} \oplus 154V^{\varnothing,(4,1)} \oplus 154V^{\varnothing,(3,2)} \oplus 154V^{\varnothing,(3,1,1)} \oplus 78V^{\varnothing,(2,2,1)} \oplus V^{\varnothing,(4,2)} \oplus V^{\varnothing,(4,1,1)} \oplus V^{\varnothing,(3,2,1)} \oplus 4920V^{(1),\varnothing} \oplus 10580V^{(1),(1)} \oplus 4400V^{(1),(2)} \oplus 4352V^{(1),(1,1)} \oplus 1758V^{(1),(3)} \oplus 1944V^{(1),(2,1)} \oplus 1572V^{(1),(1,1,1)} \oplus 396V^{(1),(4)} \oplus 520V^{(1),(3,1)} \oplus 448V^{(1),(2,2)} \oplus 448V^{(1),(2,1,1)} \oplus 5V^{(1),(4,1)} \oplus 5V^{(1),(3,2)} \oplus 5V^{(1),(3,1,1)} \oplus 4V^{(1),(2,2,1)} \oplus 2043V^{(2),\varnothing} \oplus 4352V^{(2),(1)} \oplus 1766V^{(2),(2)} \oplus 1730V^{(2),(1,1)} \oplus 424V^{(2),(3)} \oplus 480V^{(2),(2,1)} \oplus 356V^{(2),(1,1,1)} \oplus 12V^{(2),(4)} \oplus 16V^{(2),(3,1)} \oplus 13V^{(2),(2,2)} \oplus 13V^{(2),(2,1,1)} \oplus 820V^{(3),\varnothing} \oplus 1758V^{(3),(1)} \oplus 452V^{(3),(2)} \oplus 436V^{(3),(1,1)} \oplus 51V^{(3),(3)} \oplus 54V^{(3),(2,1)} \oplus 42V^{(3),(1,1,1)} \oplus 360V^{(4),\varnothing} \oplus 468V^{(4),(1)} \oplus 35V^{(4),(2)} \oplus 33V^{(4),(1,1)} \oplus 146V^{(5),\varnothing} \oplus 9V^{(5),(1)} \oplus V^{(6),\varnothing}$
$k = 7: \quad V^{\varnothing,(1)} \oplus V^{\varnothing,(2)} \oplus V^{\varnothing,(1,1)} \oplus V^{\varnothing,(3)} \oplus V^{\varnothing,(2,1)} \oplus V^{\varnothing,(1,1,1)} \oplus V^{\varnothing,(4)} \oplus V^{\varnothing,(3,1)} \oplus V^{\varnothing,(2,2)} \oplus V^{\varnothing,(2,1,1)} \oplus V^{\varnothing,(4,1)} \oplus V^{\varnothing,(3,2)} \oplus V^{\varnothing,(3,1,1)} \oplus V^{\varnothing,(2,2,1)} \oplus V^{\varnothing,(4,2)} \oplus V^{\varnothing,(4,1,1)} \oplus V^{\varnothing,(3,2,1)} \oplus 1225V^{(1),\varnothing} \oplus 4560V^{(1),(1)} \oplus 2580V^{(1),(2)} \oplus 2580V^{(1),(1,1)} \oplus 1200V^{(1),(3)} \oplus 1280V^{(1),(2,1)} \oplus 1120V^{(1),(1,1,1)} \oplus 500V^{(1),(4)} \oplus 600V^{(1),(3,1)} \oplus 550V^{(1),(2,2)} \oplus 550V^{(1),(2,1,1)} \oplus 204V^{(1),(4,1)} \oplus 204V^{(1),(3,2)} \oplus 204V^{(1),(3,1,1)} \oplus 178V^{(1),(2,2,1)} \oplus 2V^{(1),(4,2)} \oplus 2V^{(1),(4,1,1)} \oplus 2V^{(1),(3,2,1)} \oplus 700V^{(2),\varnothing} \oplus 2580V^{(2),(1)} \oplus 1328V^{(2),(2)} \oplus 1316V^{(2),(1,1)} \oplus 594V^{(2),(3)} \oplus 660V^{(2),(2,1)} \oplus 528V^{(2),(1,1,1)} \oplus 140V^{(2),(4)} \oplus 188V^{(2),(3,1)} \oplus 160V^{(2),(2,2)} \oplus 160V^{(2),(2,1,1)} \oplus 5V^{(2),(4,1)} \oplus 5V^{(2),(3,2)} \oplus 5V^{(2),(3,1,1)} \oplus 4V^{(2),(2,2,1)} \oplus 315V^{(3),\varnothing} \oplus 1200V^{(3),(1)} \oplus 606V^{(3),(2)} \oplus 594V^{(3),(1,1)} \oplus 174V^{(3),(3)} \oplus 198V^{(3),(2,1)} \oplus 144V^{(3),(1,1,1)} \oplus 12V^{(3),(4)} \oplus 16V^{(3),(3,1)} \oplus 13V^{(3),(2,2)} \oplus 13V^{(3),(2,1,1)} \oplus 140V^{(4),\varnothing} \oplus 550V^{(4),(1)} \oplus 176V^{(4),(2)} \oplus 168V^{(4),(1,1)} \oplus 27V^{(4),(3)} \oplus 30V^{(4),(2,1)} \oplus 18V^{(4),(1,1,1)} \oplus 70V^{(5),\varnothing} \oplus 204V^{(5),(1)} \oplus 11V^{(5),(2)} \oplus 9V^{(5),(1,1)} \oplus 35V^{(6),\varnothing} \oplus 3V^{(6),(1)}$
$k = 6: \quad 720V^{(1),(1)} \oplus 720V^{(1),(2)} \oplus 720V^{(1),(1,1)} \oplus 468V^{(1),(3)} \oplus 468V^{(1),(2,1)} \oplus 468V^{(1),(1,1,1)} \oplus 260V^{(1),(4)} \oplus 260V^{(1),(3,1)} \oplus 260V^{(1),(2,2)} \oplus 260V^{(1),(2,1,1)} \oplus 150V^{(1),(4,1)} \oplus 150V^{(1),(3,2)} \oplus 150V^{(1),(3,1,1)} \oplus 150V^{(1),(2,2,1)} \oplus 76V^{(1),(4,2)} \oplus 76V^{(1),(4,1,1)} \oplus 76V^{(1),(3,2,1)} \oplus V^{(1),(4,2,1)} \oplus 720V^{(2),(1)} \oplus 648V^{(2),(2)} \oplus 648V^{(2),(1,1)} \oplus 368V^{(2),(3)} \oplus 392V^{(2),(2,1)} \oplus 344V^{(2),(1,1,1)} \oplus 168V^{(2),(4)} \oplus 204V^{(2),(3,1)} \oplus 186V^{(2),(2,2)} \oplus 186V^{(2),(2,1,1)} \oplus 72V^{(2),(4,1)} \oplus 72V^{(2),(3,2)} \oplus 72V^{(2),(3,1,1)} \oplus 62V^{(2),(2,2,1)} \oplus 2V^{(2),(4,2)} \oplus$

Table 7: Table for $\lambda = (7,)$, $\mu = (4,1,1,1)$:

$k = 14: \quad 4V^{\varnothing,\varnothing}$
$k = 13: \quad 6588V^{\varnothing,\varnothing} \oplus 15V^{\varnothing,(1)} \oplus 297V^{(1),\varnothing}$
$k = 12:$ $12700V^{\varnothing,\varnothing} \oplus 4996V^{\varnothing,(1)} \oplus 11V^{\varnothing,(2)} \oplus 11V^{\varnothing,(1,1)} \oplus 4552V^{(1),\varnothing} \oplus 1065V^{(1),(1)} \oplus 97V^{(2),\varnothing}$
$k = 11:$ $12958V^{\varnothing,\varnothing} \oplus 9159V^{\varnothing,(1)} \oplus 1926V^{\varnothing,(2)} \oplus 1926V^{\varnothing,(1,1)} \oplus 7V^{\varnothing,(3)} \oplus 8V^{\varnothing,(2,1)} \oplus 7V^{\varnothing,(1,1,1)} \oplus$ $8094V^{(1),\varnothing} \oplus 8640V^{(1),(1)} \oplus 195V^{(1),(2)} \oplus 195V^{(1),(1,1)} \oplus 1688V^{(2),\varnothing} \oplus 345V^{(2),(1)} \oplus 29V^{(3),\varnothing}$
$k = 10: \quad 9880V^{\varnothing,\varnothing} \oplus 8248V^{\varnothing,(1)} \oplus 3229V^{\varnothing,(2)} \oplus 3229V^{\varnothing,(1,1)} \oplus 742V^{\varnothing,(3)} \oplus$ $794V^{\varnothing,(2,1)} \oplus 742V^{\varnothing,(1,1,1)} \oplus 3V^{\varnothing,(4)} \oplus 5V^{\varnothing,(3,1)} \oplus 5V^{\varnothing,(2,1,1)} \oplus 3V^{\varnothing,(1,1,1,1)} \oplus 8072V^{(1),\varnothing} \oplus$ $15298V^{(1),(1)} \oplus 2976V^{(1),(2)} \oplus 2976V^{(1),(1,1)} \oplus 43V^{(1),(3)} \oplus 45V^{(1),(2,1)} \oplus 43V^{(1),(1,1,1)} \oplus$ $2758V^{(2),\varnothing} \oplus 3072V^{(2),(1)} \oplus 195V^{(2),(2)} \oplus 195V^{(2),(1,1)} \oplus 668V^{(3),\varnothing} \oplus 105V^{(3),(1)} \oplus 9V^{(4),\varnothing}$
$k = 9: \quad 4440V^{\varnothing,\varnothing} \oplus 5065V^{\varnothing,(1)} \oplus 2336V^{\varnothing,(2)} \oplus 2336V^{\varnothing,(1,1)} \oplus 1009V^{\varnothing,(3)} \oplus$ $1059V^{\varnothing,(2,1)} \oplus 1009V^{\varnothing,(1,1,1)} \oplus 182V^{\varnothing,(4)} \oplus 360V^{\varnothing,(3,1)} \oplus 360V^{\varnothing,(2,1,1)} \oplus$ $182V^{\varnothing,(1,1,1,1)} \oplus 2V^{\varnothing,(4,1)} \oplus 3V^{\varnothing,(3,1,1)} \oplus 2V^{\varnothing,(2,1,1,1)} \oplus 5780V^{(1),\varnothing} \oplus 14644V^{(1),(1)} \oplus$ $5082V^{(1),(2)} \oplus 5082V^{(1),(1,1)} \oplus 1096V^{(1),(3)} \oplus 1136V^{(1),(2,1)} \oplus 1096V^{(1),(1,1,1)} \oplus$ $10V^{(1),(4)} \oplus 13V^{(1),(3,1)} \oplus 13V^{(1),(2,1,1)} \oplus 10V^{(1),(1,1,1,1)} \oplus 2320V^{(2),\varnothing} \oplus 5118V^{(2),(1)} \oplus$ $1092V^{(2),(2)} \oplus 1092V^{(2),(1,1)} \oplus 43V^{(2),(3)} \oplus 45V^{(2),(2,1)} \oplus 43V^{(2),(1,1,1)} \oplus 910V^{(3),\varnothing} \oplus$ $1184V^{(3),(1)} \oplus 75V^{(3),(2)} \oplus 75V^{(3),(1,1)} \oplus 284V^{(4),\varnothing} \oplus 33V^{(4),(1)} \oplus 3V^{(5),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 1446V^{\varnothing,(1)} \oplus 941V^{\varnothing,(2)} \oplus 941V^{\varnothing,(1,1)} \oplus 524V^{\varnothing,(3)} \oplus 524V^{\varnothing,(2,1)} \oplus$ $524V^{\varnothing,(1,1,1)} \oplus 153V^{\varnothing,(4)} \oplus 303V^{\varnothing,(3,1)} \oplus 303V^{\varnothing,(2,1,1)} \oplus 153V^{\varnothing,(1,1,1,1)} \oplus 78V^{\varnothing,(4,1)} \oplus$ $154V^{\varnothing,(3,1,1)} \oplus 78V^{\varnothing,(2,1,1,1)} \oplus V^{\varnothing,(4,1,1)} \oplus V^{\varnothing,(3,1,1,1)} \oplus 2400V^{(1),\varnothing} \oplus 10580V^{(1),(1)} \oplus$ $4352V^{(1),(2)} \oplus 4352V^{(1),(1,1)} \oplus 1722V^{(1),(3)} \oplus 1758V^{(1),(2,1)} \oplus 1722V^{(1),(1,1,1)} \oplus 376V^{(1),(4)} \oplus$ $448V^{(1),(3,1)} \oplus 448V^{(1),(2,1,1)} \oplus 376V^{(1),(1,1,1,1)} \oplus 4V^{(1),(4,1)} \oplus 5V^{(1),(3,1,1)} \oplus 4V^{(1),(2,1,1,1)} \oplus$ $1268V^{(2),\varnothing} \oplus 4352V^{(2),(1)} \oplus 1718V^{(2),(2)} \oplus 1718V^{(2),(1,1)} \oplus 396V^{(2),(3)} \oplus 412V^{(2),(2,1)} \oplus$ $396V^{(2),(1,1,1)} \oplus 10V^{(2),(4)} \oplus 13V^{(2),(3,1)} \oplus 13V^{(2),(2,1,1)} \oplus 10V^{(2),(1,1,1,1)} \oplus 580V^{(3),\varnothing} \oplus$ $1758V^{(3),(1)} \oplus 424V^{(3),(2)} \oplus 424V^{(3),(1,1)} \oplus 43V^{(3),(3)} \oplus 45V^{(3),(2,1)} \oplus 43V^{(3),(1,1,1)} \oplus$ $270V^{(4),\varnothing} \oplus 468V^{(4),(1)} \oplus 27V^{(4),(2)} \oplus 27V^{(4),(1,1)} \oplus 116V^{(5),\varnothing} \oplus 9V^{(5),(1)} \oplus V^{(6),\varnothing}$
$k = 7: \quad V^{\varnothing,(1)} \oplus V^{\varnothing,(2)} \oplus V^{\varnothing,(1,1)} \oplus V^{\varnothing,(3)} \oplus V^{\varnothing,(2,1)} \oplus V^{\varnothing,(1,1,1)} \oplus V^{\varnothing,(4)} \oplus V^{\varnothing,(3,1)} \oplus$ $V^{\varnothing,(2,1,1)} \oplus V^{\varnothing,(1,1,1,1)} \oplus V^{\varnothing,(4,1)} \oplus V^{\varnothing,(3,1,1)} \oplus V^{\varnothing,(2,1,1,1)} \oplus V^{\varnothing,(4,1,1)} \oplus V^{\varnothing,(3,1,1,1)} \oplus$ $400V^{(1),\varnothing} \oplus 4560V^{(1),(1)} \oplus 2580V^{(1),(2)} \oplus 2580V^{(1),(1,1)} \oplus 1200V^{(1),(3)} \oplus 1200V^{(1),(2,1)} \oplus$ $1200V^{(1),(1,1,1)} \oplus 500V^{(1),(4)} \oplus 550V^{(1),(3,1)} \oplus 550V^{(1),(2,1,1)} \oplus 500V^{(1),(1,1,1,1)} \oplus$ $178V^{(1),(4,1)} \oplus 204V^{(1),(3,1,1)} \oplus 178V^{(1),(2,1,1,1)} \oplus 2V^{(1),(4,1,1)} \oplus 2V^{(1),(3,1,1,1)} \oplus 280V^{(2),\varnothing} \oplus$ $2580V^{(2),(1)} \oplus 1316V^{(2),(2)} \oplus 1316V^{(2),(1,1)} \oplus 582V^{(2),(3)} \oplus 594V^{(2),(2,1)} \oplus 582V^{(2),(1,1,1)} \oplus$ $132V^{(2),(4)} \oplus 160V^{(2),(3,1)} \oplus 160V^{(2),(2,1,1)} \oplus 132V^{(2),(1,1,1,1)} \oplus 4V^{(2),(4,1)} \oplus 5V^{(2),(3,1,1)} \oplus$ $4V^{(2),(2,1,1,1)} \oplus 160V^{(3),\varnothing} \oplus 1200V^{(3),(1)} \oplus 594V^{(3),(2)} \oplus 594V^{(3),(1,1)} \oplus 160V^{(3),(3)} \oplus$ $168V^{(3),(2,1)} \oplus 160V^{(3),(1,1,1)} \oplus 10V^{(3),(4)} \oplus 13V^{(3),(3,1)} \oplus 13V^{(3),(2,1,1)} \oplus 10V^{(3),(1,1,1,1)} \oplus$ $80V^{(4),\varnothing} \oplus 550V^{(4),(1)} \oplus 168V^{(4),(2)} \oplus 168V^{(4),(1,1)} \oplus 19V^{(4),(3)} \oplus 21V^{(4),(2,1)} \oplus$ $19V^{(4),(1,1,1)} \oplus 40V^{(5),\varnothing} \oplus 204V^{(5),(1)} \oplus 9V^{(5),(2)} \oplus 9V^{(5),(1,1)} \oplus 20V^{(6),\varnothing} \oplus 3V^{(6),(1)}$
$k = 6: \quad 720V^{(1),(1)} \oplus 720V^{(1),(2)} \oplus 720V^{(1),(1,1)} \oplus 468V^{(1),(3)} \oplus 468V^{(1),(2,1)} \oplus$ $468V^{(1),(1,1,1)} \oplus 260V^{(1),(4)} \oplus 260V^{(1),(3,1)} \oplus 260V^{(1),(2,1,1)} \oplus 260V^{(1),(1,1,1,1)} \oplus$ $150V^{(1),(4,1)} \oplus 150V^{(1),(3,1,1)} \oplus 150V^{(1),(2,1,1,1)} \oplus 76V^{(1),(4,1,1)} \oplus 76V^{(1),(3,1,1,1)} \oplus$ $V^{(1),(4,1,1,1)} \oplus 720V^{(2),(1)} \oplus 648V^{(2),(2)} \oplus 648V^{(2),(1,1)} \oplus 368V^{(2),(3)} \oplus 368V^{(2),(2,1)} \oplus$ $368V^{(2),(1,1,1)} \oplus 168V^{(2),(4)} \oplus 186V^{(2),(3,1)} \oplus 186V^{(2),(2,1,1)} \oplus 168V^{(2),(1,1,1,1)} \oplus 62V^{(2),(4,1)} \oplus$ $72V^{(2),(3,1,1)} \oplus 62V^{(2),(2,1,1,1)} \oplus 2V^{(2),(4,1,1)} \oplus 2V^{(2),(3,1,1,1)} \oplus 468V^{(3),(1)} \oplus 368V^{(3),(2)} \oplus$ $368V^{(3),(1,1)} \oplus 206V^{(3),(3)} \oplus 210V^{(3),(2,1)} \oplus 206V^{(3),(1,1,1)} \oplus 52V^{(3),(4)} \oplus 64V^{(3),(3,1)} \oplus$ $64V^{(3),(2,1,1)} \oplus 52V^{(3),(1,1,1,1)} \oplus 4V^{(3),(4,1)} \oplus 5V^{(3),(3,1,1)} \oplus 4V^{(3),(2,1,1,1)} \oplus 260V^{(4),(1)} \oplus$

Table 8: Table for $\lambda = (7,)$, $\mu = (3,3,1)$:

$k = 14: \quad 3V^{\varnothing,\varnothing}$
$k = 13: \quad 6573V^{\varnothing,\varnothing} \oplus 14V^{\varnothing,(1)} \oplus 398V^{(1),\varnothing}$
$k = 12:$ $12683V^{\varnothing,\varnothing} \oplus 4956V^{\varnothing,(1)} \oplus 11V^{\varnothing,(2)} \oplus 11V^{\varnothing,(1,1)} \oplus 4680V^{(1),\varnothing} \oplus 1059V^{(1),(1)} \oplus 117V^{(2),\varnothing}$
$k = 11:$ $12953V^{\varnothing,\varnothing} \oplus 9105V^{\varnothing,(1)} \oplus 1926V^{\varnothing,(2)} \oplus 1926V^{\varnothing,(1,1)} \oplus 6V^{\varnothing,(3)} \oplus 9V^{\varnothing,(2,1)} \oplus 5V^{\varnothing,(1,1,1)} \oplus$ $8256V^{(1),\varnothing} \oplus 8544V^{(1),(1)} \oplus 195V^{(1),(2)} \oplus 195V^{(1),(1,1)} \oplus 1722V^{(2),\varnothing} \oplus 339V^{(2),(1)} \oplus 31V^{(3),\varnothing}$
$k = 10: \quad 9860V^{\varnothing,\varnothing} \oplus 8224V^{\varnothing,(1)} \oplus 3229V^{\varnothing,(2)} \oplus 3229V^{\varnothing,(1,1)} \oplus 438V^{\varnothing,(3)} \oplus$ $1098V^{\varnothing,(2,1)} \oplus 428V^{\varnothing,(1,1,1)} \oplus 5V^{\varnothing,(3,1)} \oplus 5V^{\varnothing,(2,2)} \oplus 4V^{\varnothing,(2,1,1)} \oplus 8258V^{(1),\varnothing} \oplus$ $15190V^{(1),(1)} \oplus 2976V^{(1),(2)} \oplus 2976V^{(1),(1,1)} \oplus 42V^{(1),(3)} \oplus 46V^{(1),(2,1)} \oplus 36V^{(1),(1,1,1)} \oplus$ $2808V^{(2),\varnothing} \oplus 3024V^{(2),(1)} \oplus 195V^{(2),(2)} \oplus 195V^{(2),(1,1)} \oplus 678V^{(3),\varnothing} \oplus 99V^{(3),(1)} \oplus 9V^{(4),\varnothing}$
$k = 9: \quad 4440V^{\varnothing,\varnothing} \oplus 5065V^{\varnothing,(1)} \oplus 2336V^{\varnothing,(2)} \oplus 2336V^{\varnothing,(1,1)} \oplus 559V^{\varnothing,(3)} \oplus 1509V^{\varnothing,(2,1)} \oplus$ $559V^{\varnothing,(1,1,1)} \oplus 360V^{\varnothing,(3,1)} \oplus 360V^{\varnothing,(2,2)} \oplus 334V^{\varnothing,(2,1,1)} \oplus 3V^{\varnothing,(3,2)} \oplus 2V^{\varnothing,(3,1,1)} \oplus$ $2V^{\varnothing,(2,2,1)} \oplus 5814V^{(1),\varnothing} \oplus 14608V^{(1),(1)} \oplus 5082V^{(1),(2)} \oplus 5082V^{(1),(1,1)} \oplus 992V^{(1),(3)} \oplus$ $1240V^{(1),(2,1)} \oplus 968V^{(1),(1,1,1)} \oplus 13V^{(1),(3,1)} \oplus 13V^{(1),(2,2)} \oplus 11V^{(1),(2,1,1)} \oplus 2376V^{(2),\varnothing} \oplus$ $5082V^{(2),(1)} \oplus 1092V^{(2),(2)} \oplus 1092V^{(2),(1,1)} \oplus 42V^{(2),(3)} \oplus 46V^{(2),(2,1)} \oplus 36V^{(2),(1,1,1)} \oplus$ $928V^{(3),\varnothing} \oplus 1160V^{(3),(1)} \oplus 75V^{(3),(2)} \oplus 75V^{(3),(1,1)} \oplus 288V^{(4),\varnothing} \oplus 27V^{(4),(1)} \oplus 3V^{(5),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 1446V^{\varnothing,(1)} \oplus 941V^{\varnothing,(2)} \oplus 941V^{\varnothing,(1,1)} \oplus 264V^{\varnothing,(3)} \oplus$ $784V^{\varnothing,(2,1)} \oplus 264V^{\varnothing,(1,1,1)} \oplus 303V^{\varnothing,(3,1)} \oplus 303V^{\varnothing,(2,2)} \oplus 303V^{\varnothing,(2,1,1)} \oplus 154V^{\varnothing,(3,2)} \oplus$ $78V^{\varnothing,(3,1,1)} \oplus 78V^{\varnothing,(2,2,1)} \oplus V^{\varnothing,(3,3)} \oplus V^{\varnothing,(3,2,1)} \oplus 2736V^{(1),\varnothing} \oplus 10580V^{(1),(1)} \oplus$ $4352V^{(1),(2)} \oplus 4352V^{(1),(1,1)} \oplus 1572V^{(1),(3)} \oplus 1908V^{(1),(2,1)} \oplus 1572V^{(1),(1,1,1)} \oplus$ $448V^{(1),(3,1)} \oplus 448V^{(1),(2,2)} \oplus 428V^{(1),(2,1,1)} \oplus 5V^{(1),(3,2)} \oplus 4V^{(1),(3,1,1)} \oplus 4V^{(1),(2,2,1)} \oplus$ $1308V^{(2),\varnothing} \oplus 4352V^{(2),(1)} \oplus 1718V^{(2),(2)} \oplus 1718V^{(2),(1,1)} \oplus 356V^{(2),(3)} \oplus 452V^{(2),(2,1)} \oplus$ $344V^{(2),(1,1,1)} \oplus 13V^{(2),(3,1)} \oplus 13V^{(2),(2,2)} \oplus 11V^{(2),(2,1,1)} \oplus 596V^{(3),\varnothing} \oplus 1758V^{(3),(1)} \oplus$ $424V^{(3),(2)} \oplus 424V^{(3),(1,1)} \oplus 42V^{(3),(3)} \oplus 46V^{(3),(2,1)} \oplus 36V^{(3),(1,1,1)} \oplus 276V^{(4),\varnothing} \oplus$ $468V^{(4),(1)} \oplus 27V^{(4),(2)} \oplus 27V^{(4),(1,1)} \oplus 118V^{(5),\varnothing} \oplus 9V^{(5),(1)} \oplus V^{(6),\varnothing}$
$k = 7: \quad V^{\varnothing,(1)} \oplus V^{\varnothing,(2)} \oplus V^{\varnothing,(1,1)} \oplus V^{\varnothing,(3)} \oplus V^{\varnothing,(2,1)} \oplus V^{\varnothing,(1,1,1)} \oplus V^{\varnothing,(3,1)} \oplus V^{\varnothing,(2,2)} \oplus$ $V^{\varnothing,(2,1,1)} \oplus V^{\varnothing,(3,2)} \oplus V^{\varnothing,(3,1,1)} \oplus V^{\varnothing,(2,2,1)} \oplus V^{\varnothing,(3,3)} \oplus V^{\varnothing,(3,2,1)} \oplus 441V^{(1),\varnothing} \oplus 4560V^{(1),(1)} \oplus$ $2580V^{(1),(2)} \oplus 2580V^{(1),(1,1)} \oplus 1120V^{(1),(3)} \oplus 1280V^{(1),(2,1)} \oplus 1120V^{(1),(1,1,1)} \oplus$ $550V^{(1),(3,1)} \oplus 550V^{(1),(2,2)} \oplus 550V^{(1),(2,1,1)} \oplus 204V^{(1),(3,2)} \oplus 178V^{(1),(3,1,1)} \oplus 178V^{(1),(2,2,1)} \oplus$ $2V^{(1),(3,3)} \oplus 2V^{(1),(3,2,1)} \oplus 336V^{(2),\varnothing} \oplus 2580V^{(2),(1)} \oplus 1316V^{(2),(2)} \oplus 1316V^{(2),(1,1)} \oplus$ $528V^{(2),(3)} \oplus 648V^{(2),(2,1)} \oplus 528V^{(2),(1,1,1)} \oplus 160V^{(2),(3,1)} \oplus 160V^{(2),(2,2)} \oplus 152V^{(2),(2,1,1)} \oplus$ $5V^{(2),(3,2)} \oplus 4V^{(2),(3,1,1)} \oplus 4V^{(2),(2,2,1)} \oplus 168V^{(3),\varnothing} \oplus 1200V^{(3),(1)} \oplus 594V^{(3),(2)} \oplus$ $594V^{(3),(1,1)} \oplus 144V^{(3),(3)} \oplus 184V^{(3),(2,1)} \oplus 138V^{(3),(1,1,1)} \oplus 13V^{(3),(3,1)} \oplus 13V^{(3),(2,2)} \oplus$ $11V^{(3),(2,1,1)} \oplus 84V^{(4),\varnothing} \oplus 550V^{(4),(1)} \oplus 168V^{(4),(2)} \oplus 168V^{(4),(1,1)} \oplus 18V^{(4),(3)} \oplus 22V^{(4),(2,1)} \oplus$ $12V^{(4),(1,1,1)} \oplus 42V^{(5),\varnothing} \oplus 204V^{(5),(1)} \oplus 9V^{(5),(2)} \oplus 9V^{(5),(1,1)} \oplus 21V^{(6),\varnothing} \oplus 3V^{(6),(1)}$
$k = 6: \quad 720V^{(1),(1)} \oplus 720V^{(1),(2)} \oplus 720V^{(1),(1,1)} \oplus 468V^{(1),(3)} \oplus 468V^{(1),(2,1)} \oplus$ $468V^{(1),(1,1,1)} \oplus 260V^{(1),(3,1)} \oplus 260V^{(1),(2,2)} \oplus 260V^{(1),(2,1,1)} \oplus 150V^{(1),(3,2)} \oplus 150V^{(1),(3,1,1)} \oplus$ $150V^{(1),(2,2,1)} \oplus 76V^{(1),(3,3)} \oplus 76V^{(1),(3,2,1)} \oplus V^{(1),(3,3,1)} \oplus 720V^{(2),(1)} \oplus 648V^{(2),(2)} \oplus$ $648V^{(2),(1,1)} \oplus 344V^{(2),(3)} \oplus 392V^{(2),(2,1)} \oplus 344V^{(2),(1,1,1)} \oplus 186V^{(2),(3,1)} \oplus 186V^{(2),(2,2)} \oplus$ $186V^{(2),(2,1,1)} \oplus 72V^{(2),(3,2)} \oplus 62V^{(2),(3,1,1)} \oplus 62V^{(2),(2,2,1)} \oplus 2V^{(2),(3,3)} \oplus 2V^{(2),(3,2,1)} \oplus$ $468V^{(3),(1)} \oplus 368V^{(3),(2)} \oplus 368V^{(3),(1,1)} \oplus 188V^{(3),(3)} \oplus 228V^{(3),(2,1)} \oplus 188V^{(3),(1,1,1)} \oplus$ $64V^{(3),(3,1)} \oplus 64V^{(3),(2,2)} \oplus 60V^{(3),(2,1,1)} \oplus 5V^{(3),(3,2)} \oplus 4V^{(3),(3,1,1)} \oplus 4V^{(3),(2,2,1)} \oplus$ $260V^{(4),(1)} \oplus 186V^{(4),(2)} \oplus 186V^{(4),(1,1)} \oplus 56V^{(4),(3)} \oplus 76V^{(4),(2,1)} \oplus 56V^{(4),(1,1,1)} \oplus$ $13V^{(4),(3,1)} \oplus 13V^{(4),(2,2)} \oplus 11V^{(4),(2,1,1)} \oplus 150V^{(5),(1)} \oplus 72V^{(5),(2)} \oplus 72V^{(5),(1,1)} \oplus$ $6V^{(5),(3)} \oplus 10V^{(5),(2,1)} \oplus 6V^{(5),(1,1,1)} \oplus 76V^{(6),(1)} \oplus 3V^{(6),(2)} \oplus 3V^{(6),(1,1)} \oplus V^{(7),(1)}$

Table 9: Table for $\lambda = (7,)$, $\mu = (3,2,2)$:

$k = 14: \quad 3V^{\varnothing,\varnothing}$
$k = 13: \quad 6573V^{\varnothing,\varnothing} \oplus 14V^{\varnothing,(1)} \oplus 398V^{(1),\varnothing}$
$k = 12:$ $12683V^{\varnothing,\varnothing} \oplus 4956V^{\varnothing,(1)} \oplus 11V^{\varnothing,(2)} \oplus 11V^{\varnothing,(1,1)} \oplus 4680V^{(1),\varnothing} \oplus 1059V^{(1),(1)} \oplus 117V^{(2),\varnothing}$
$k = 11:$ $12953V^{\varnothing,\varnothing} \oplus 9105V^{\varnothing,(1)} \oplus 1926V^{\varnothing,(2)} \oplus 1926V^{\varnothing,(1,1)} \oplus 5V^{\varnothing,(3)} \oplus 9V^{\varnothing,(2,1)} \oplus 6V^{\varnothing,(1,1,1)} \oplus$ $8256V^{(1),\varnothing} \oplus 8544V^{(1),(1)} \oplus 195V^{(1),(2)} \oplus 195V^{(1),(1,1)} \oplus 1722V^{(2),\varnothing} \oplus 339V^{(2),(1)} \oplus 31V^{(3),\varnothing}$
$k = 10: \quad 9860V^{\varnothing,\varnothing} \oplus 8224V^{\varnothing,(1)} \oplus 3229V^{\varnothing,(2)} \oplus 3229V^{\varnothing,(1,1)} \oplus 428V^{\varnothing,(3)} \oplus$ $1098V^{\varnothing,(2,1)} \oplus 438V^{\varnothing,(1,1,1)} \oplus 4V^{\varnothing,(3,1)} \oplus 5V^{\varnothing,(2,2)} \oplus 5V^{\varnothing,(2,1,1)} \oplus 8258V^{(1),\varnothing} \oplus$ $15190V^{(1),(1)} \oplus 2976V^{(1),(2)} \oplus 2976V^{(1),(1,1)} \oplus 36V^{(1),(3)} \oplus 46V^{(1),(2,1)} \oplus 42V^{(1),(1,1,1)} \oplus$ $2808V^{(2),\varnothing} \oplus 3024V^{(2),(1)} \oplus 195V^{(2),(2)} \oplus 195V^{(2),(1,1)} \oplus 678V^{(3),\varnothing} \oplus 99V^{(3),(1)} \oplus 9V^{(4),\varnothing}$
$k = 9: \quad 4440V^{\varnothing,\varnothing} \oplus 5065V^{\varnothing,(1)} \oplus 2336V^{\varnothing,(2)} \oplus 2336V^{\varnothing,(1,1)} \oplus 559V^{\varnothing,(3)} \oplus 1509V^{\varnothing,(2,1)} \oplus$ $559V^{\varnothing,(1,1,1)} \oplus 334V^{\varnothing,(3,1)} \oplus 360V^{\varnothing,(2,2)} \oplus 360V^{\varnothing,(2,1,1)} \oplus 2V^{\varnothing,(3,2)} \oplus 2V^{\varnothing,(3,1,1)} \oplus$ $3V^{\varnothing,(2,2,1)} \oplus 5814V^{(1),\varnothing} \oplus 14608V^{(1),(1)} \oplus 5082V^{(1),(2)} \oplus 5082V^{(1),(1,1)} \oplus 968V^{(1),(3)} \oplus$ $1240V^{(1),(2,1)} \oplus 992V^{(1),(1,1,1)} \oplus 11V^{(1),(3,1)} \oplus 13V^{(1),(2,2)} \oplus 13V^{(1),(2,1,1)} \oplus 2376V^{(2),\varnothing} \oplus$ $5082V^{(2),(1)} \oplus 1092V^{(2),(2)} \oplus 1092V^{(2),(1,1)} \oplus 36V^{(2),(3)} \oplus 46V^{(2),(2,1)} \oplus 42V^{(2),(1,1,1)} \oplus$ $928V^{(3),\varnothing} \oplus 1160V^{(3),(1)} \oplus 75V^{(3),(2)} \oplus 75V^{(3),(1,1)} \oplus 288V^{(4),\varnothing} \oplus 27V^{(4),(1)} \oplus 3V^{(5),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 1446V^{\varnothing,(1)} \oplus 941V^{\varnothing,(2)} \oplus 941V^{\varnothing,(1,1)} \oplus 264V^{\varnothing,(3)} \oplus$ $784V^{\varnothing,(2,1)} \oplus 264V^{\varnothing,(1,1,1)} \oplus 303V^{\varnothing,(3,1)} \oplus 303V^{\varnothing,(2,2)} \oplus 303V^{\varnothing,(2,1,1)} \oplus 78V^{\varnothing,(3,2)} \oplus$ $78V^{\varnothing,(3,1,1)} \oplus 154V^{\varnothing,(2,2,1)} \oplus V^{\varnothing,(3,2,1)} \oplus V^{\varnothing,(2,2,2)} \oplus 2736V^{(1),\varnothing} \oplus 10580V^{(1),(1)} \oplus$ $4352V^{(1),(2)} \oplus 4352V^{(1),(1,1)} \oplus 1572V^{(1),(3)} \oplus 1908V^{(1),(2,1)} \oplus 1572V^{(1),(1,1,1)} \oplus$ $428V^{(1),(3,1)} \oplus 448V^{(1),(2,2)} \oplus 448V^{(1),(2,1,1)} \oplus 4V^{(1),(3,2)} \oplus 4V^{(1),(3,1,1)} \oplus 5V^{(1),(2,2,1)} \oplus$ $1308V^{(2),\varnothing} \oplus 4352V^{(2),(1)} \oplus 1718V^{(2),(2)} \oplus 1718V^{(2),(1,1)} \oplus 344V^{(2),(3)} \oplus 452V^{(2),(2,1)} \oplus$ $356V^{(2),(1,1,1)} \oplus 11V^{(2),(3,1)} \oplus 13V^{(2),(2,2)} \oplus 13V^{(2),(2,1,1)} \oplus 596V^{(3),\varnothing} \oplus 1758V^{(3),(1)} \oplus$ $424V^{(3),(2)} \oplus 424V^{(3),(1,1)} \oplus 36V^{(3),(3)} \oplus 46V^{(3),(2,1)} \oplus 42V^{(3),(1,1,1)} \oplus 276V^{(4),\varnothing} \oplus$ $468V^{(4),(1)} \oplus 27V^{(4),(2)} \oplus 27V^{(4),(1,1)} \oplus 118V^{(5),\varnothing} \oplus 9V^{(5),(1)} \oplus V^{(6),\varnothing}$
$k = 7:$ $V^{\varnothing,(1)} \oplus V^{\varnothing,(2)} \oplus V^{\varnothing,(1,1)} \oplus V^{\varnothing,(3)} \oplus V^{\varnothing,(2,1)} \oplus V^{\varnothing,(1,1,1)} \oplus V^{\varnothing,(3,1)} \oplus V^{\varnothing,(2,2)} \oplus V^{\varnothing,(2,1,1)} \oplus$ $V^{\varnothing,(3,2)} \oplus V^{\varnothing,(3,1,1)} \oplus V^{\varnothing,(2,2,1)} \oplus V^{\varnothing,(3,2,1)} \oplus V^{\varnothing,(2,2,2)} \oplus 441V^{(1),\varnothing} \oplus 4560V^{(1),(1)} \oplus$ $2580V^{(1),(2)} \oplus 2580V^{(1),(1,1)} \oplus 1120V^{(1),(3)} \oplus 1280V^{(1),(2,1)} \oplus 1120V^{(1),(1,1,1)} \oplus$ $550V^{(1),(3,1)} \oplus 550V^{(1),(2,2)} \oplus 550V^{(1),(2,1,1)} \oplus 178V^{(1),(3,2)} \oplus 178V^{(1),(3,1,1)} \oplus 204V^{(1),(2,2,1)} \oplus$ $2V^{(1),(3,2,1)} \oplus 2V^{(1),(2,2,2)} \oplus 336V^{(2),\varnothing} \oplus 2580V^{(2),(1)} \oplus 1316V^{(2),(2)} \oplus 1316V^{(2),(1,1)} \oplus$ $528V^{(2),(3)} \oplus 648V^{(2),(2,1)} \oplus 528V^{(2),(1,1,1)} \oplus 152V^{(2),(3,1)} \oplus 160V^{(2),(2,2)} \oplus 160V^{(2),(2,1,1)} \oplus$ $4V^{(2),(3,2)} \oplus 4V^{(2),(3,1,1)} \oplus 5V^{(2),(2,2,1)} \oplus 168V^{(3),\varnothing} \oplus 1200V^{(3),(1)} \oplus 594V^{(3),(2)} \oplus$ $594V^{(3),(1,1)} \oplus 138V^{(3),(3)} \oplus 184V^{(3),(2,1)} \oplus 144V^{(3),(1,1,1)} \oplus 11V^{(3),(3,1)} \oplus 13V^{(3),(2,2)} \oplus$ $13V^{(3),(2,1,1)} \oplus 84V^{(4),\varnothing} \oplus 550V^{(4),(1)} \oplus 168V^{(4),(2)} \oplus 168V^{(4),(1,1)} \oplus 12V^{(4),(3)} \oplus 22V^{(4),(2,1)} \oplus$ $18V^{(4),(1,1,1)} \oplus 42V^{(5),\varnothing} \oplus 204V^{(5),(1)} \oplus 9V^{(5),(2)} \oplus 9V^{(5),(1,1)} \oplus 21V^{(6),\varnothing} \oplus 3V^{(6),(1)}$
$k = 6: \quad 720V^{(1),(1)} \oplus 720V^{(1),(2)} \oplus 720V^{(1),(1,1)} \oplus 468V^{(1),(3)} \oplus 468V^{(1),(2,1)} \oplus$ $468V^{(1),(1,1,1)} \oplus 260V^{(1),(3,1)} \oplus 260V^{(1),(2,2)} \oplus 260V^{(1),(2,1,1)} \oplus 150V^{(1),(3,2)} \oplus 150V^{(1),(3,1,1)} \oplus$ $150V^{(1),(2,2,1)} \oplus 76V^{(1),(3,2,1)} \oplus 76V^{(1),(2,2,2)} \oplus V^{(1),(3,2,2)} \oplus 720V^{(2),(1)} \oplus 648V^{(2),(2)} \oplus$ $648V^{(2),(1,1)} \oplus 344V^{(2),(3)} \oplus 392V^{(2),(2,1)} \oplus 344V^{(2),(1,1,1)} \oplus 186V^{(2),(3,1)} \oplus 186V^{(2),(2,2)} \oplus$ $186V^{(2),(2,1,1)} \oplus 62V^{(2),(3,2)} \oplus 62V^{(2),(3,1,1)} \oplus 72V^{(2),(2,2,1)} \oplus 2V^{(2),(3,2,1)} \oplus 2V^{(2),(2,2,2)} \oplus$ $468V^{(3),(1)} \oplus 368V^{(3),(2)} \oplus 368V^{(3),(1,1)} \oplus 188V^{(3),(3)} \oplus 228V^{(3),(2,1)} \oplus 188V^{(3),(1,1,1)} \oplus$ $60V^{(3),(3,1)} \oplus 64V^{(3),(2,2)} \oplus 64V^{(3),(2,1,1)} \oplus 4V^{(3),(3,2)} \oplus 4V^{(3),(3,1,1)} \oplus 5V^{(3),(2,2,1)} \oplus$ $260V^{(4),(1)} \oplus 186V^{(4),(2)} \oplus 186V^{(4),(1,1)} \oplus 56V^{(4),(3)} \oplus 76V^{(4),(2,1)} \oplus 56V^{(4),(1,1,1)} \oplus$ $11V^{(4),(3,1)} \oplus 13V^{(4),(2,2)} \oplus 13V^{(4),(2,1,1)} \oplus 150V^{(5),(1)} \oplus 72V^{(5),(2)} \oplus 72V^{(5),(1,1)} \oplus$

Table 10: Table for $\lambda = (7,)$, $\mu = (3,2,1,1)$:

$k = 14: \quad 3V^{\varnothing,\varnothing}$
$k = 13: \quad 6587V^{\varnothing,\varnothing} \oplus 17V^{\varnothing,(1)} \oplus 571V^{(1),\varnothing}$
$k = 12:$ $12697V^{\varnothing,\varnothing} \oplus 5006V^{\varnothing,(1)} \oplus 13V^{\varnothing,(2)} \oplus 14V^{\varnothing,(1,1)} \oplus 5784V^{(1),\varnothing} \oplus 1209V^{(1),(1)} \oplus 134V^{(2),\varnothing}$
$k = 11: \quad 12967V^{\varnothing,\varnothing} \oplus 9165V^{\varnothing,(1)} \oplus 1950V^{\varnothing,(2)} \oplus 2054V^{\varnothing,(1,1)} \oplus 6V^{\varnothing,(3)} \oplus 11V^{\varnothing,(2,1)} \oplus 9V^{\varnothing,(1,1,1)} \oplus 10362V^{(1),\varnothing} \oplus 8856V^{(1),(1)} \oplus 225V^{(1),(2)} \oplus 227V^{(1),(1,1)} \oplus 2090V^{(2),\varnothing} \oplus 489V^{(2),(1)} \oplus 32V^{(3),\varnothing}$
$k = 10:$ $9860V^{\varnothing,\varnothing} \oplus 8248V^{\varnothing,(1)} \oplus 3247V^{\varnothing,(2)} \oplus 3397V^{\varnothing,(1,1)} \oplus 438V^{\varnothing,(3)} \oplus 1160V^{\varnothing,(2,1)} \oplus 804V^{\varnothing,(1,1,1)} \oplus 5V^{\varnothing,(3,1)} \oplus 5V^{\varnothing,(2,2)} \oplus 7V^{\varnothing,(2,1,1)} \oplus 4V^{\varnothing,(1,1,1,1)} \oplus 10862V^{(1),\varnothing} \oplus 15346V^{(1),(1)} \oplus 3072V^{(1),(2)} \oplus 3152V^{(1),(1,1)} \oplus 42V^{(1),(3)} \oplus 54V^{(1),(2,1)} \oplus 51V^{(1),(1,1,1)} \oplus 3508V^{(2),\varnothing} \oplus 3120V^{(2),(1)} \oplus 225V^{(2),(2)} \oplus 227V^{(2),(1,1)} \oplus 818V^{(3),\varnothing} \oplus 129V^{(3),(1)} \oplus 9V^{(4),\varnothing}$
$k = 9: \quad 4440V^{\varnothing,\varnothing} \oplus 5065V^{\varnothing,(1)} \oplus 2336V^{\varnothing,(2)} \oplus 2416V^{\varnothing,(1,1)} \oplus 559V^{\varnothing,(3)} \oplus 1559V^{\varnothing,(2,1)} \oplus 1059V^{\varnothing,(1,1,1)} \oplus 360V^{\varnothing,(3,1)} \oplus 360V^{\varnothing,(2,2)} \oplus 538V^{\varnothing,(2,1,1)} \oplus 208V^{\varnothing,(1,1,1,1)} \oplus 2V^{\varnothing,(3,2)} \oplus 3V^{\varnothing,(3,1,1)} \oplus 3V^{\varnothing,(2,2,1)} \oplus 3V^{\varnothing,(2,1,1,1)} \oplus 8845V^{(1),\varnothing} \oplus 14644V^{(1),(1)} \oplus 5118V^{(1),(2)} \oplus 5226V^{(1),(1,1)} \oplus 992V^{(1),(3)} \oplus 1304V^{(1),(2,1)} \oplus 1160V^{(1),(1,1,1)} \oplus 13V^{(1),(3,1)} \oplus 13V^{(1),(2,2)} \oplus 16V^{(1),(2,1,1)} \oplus 12V^{(1),(1,1,1,1)} \oplus 3160V^{(2),\varnothing} \oplus 5118V^{(2),(1)} \oplus 1140V^{(2),(2)} \oplus 1172V^{(2),(1,1)} \oplus 42V^{(2),(3)} \oplus 54V^{(2),(2,1)} \oplus 51V^{(2),(1,1,1)} \oplus 1180V^{(3),\varnothing} \oplus 1184V^{(3),(1)} \oplus 105V^{(3),(2)} \oplus 107V^{(3),(1,1)} \oplus 344V^{(4),\varnothing} \oplus 33V^{(4),(1)} \oplus 3V^{(5),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 1446V^{\varnothing,(1)} \oplus 941V^{\varnothing,(2)} \oplus 941V^{\varnothing,(1,1)} \oplus 264V^{\varnothing,(3)} \oplus 784V^{\varnothing,(2,1)} \oplus 524V^{\varnothing,(1,1,1)} \oplus 303V^{\varnothing,(3,1)} \oplus 303V^{\varnothing,(2,2)} \oplus 453V^{\varnothing,(2,1,1)} \oplus 153V^{\varnothing,(1,1,1,1)} \oplus 78V^{\varnothing,(3,2)} \oplus 154V^{\varnothing,(3,1,1)} \oplus 154V^{\varnothing,(2,2,1)} \oplus 154V^{\varnothing,(2,1,1,1)} \oplus V^{\varnothing,(3,2,1)} \oplus V^{\varnothing,(3,1,1,1)} \oplus V^{\varnothing,(2,2,1,1)} \oplus 4920V^{(1),\varnothing} \oplus 10580V^{(1),(1)} \oplus 4352V^{(1),(2)} \oplus 4400V^{(1),(1,1)} \oplus 1572V^{(1),(3)} \oplus 1944V^{(1),(2,1)} \oplus 1758V^{(1),(1,1,1)} \oplus 448V^{(1),(3,1)} \oplus 448V^{(1),(2,2)} \oplus 520V^{(1),(2,1,1)} \oplus 396V^{(1),(1,1,1,1)} \oplus 4V^{(1),(3,2)} \oplus 5V^{(1),(3,1,1)} \oplus 5V^{(1),(2,2,1)} \oplus 5V^{(1),(2,1,1,1)} \oplus 2043V^{(2),\varnothing} \oplus 4352V^{(2),(1)} \oplus 1730V^{(2),(2)} \oplus 1766V^{(2),(1,1)} \oplus 356V^{(2),(3)} \oplus 480V^{(2),(2,1)} \oplus 424V^{(2),(1,1,1)} \oplus 13V^{(2),(3,1)} \oplus 13V^{(2),(2,2)} \oplus 16V^{(2),(2,1,1)} \oplus 12V^{(2),(1,1,1,1)} \oplus 820V^{(3),\varnothing} \oplus 1758V^{(3),(1)} \oplus 436V^{(3),(2)} \oplus 452V^{(3),(1,1)} \oplus 42V^{(3),(3)} \oplus 54V^{(3),(2,1)} \oplus 51V^{(3),(1,1,1)} \oplus 360V^{(4),\varnothing} \oplus 468V^{(4),(1)} \oplus 33V^{(4),(2)} \oplus 35V^{(4),(1,1)} \oplus 146V^{(5),\varnothing} \oplus 9V^{(5),(1)} \oplus V^{(6),\varnothing}$
$k = 7: \quad V^{\varnothing,(1)} \oplus V^{\varnothing,(2)} \oplus V^{\varnothing,(1,1)} \oplus V^{\varnothing,(3)} \oplus V^{\varnothing,(2,1)} \oplus V^{\varnothing,(1,1,1)} \oplus V^{\varnothing,(3,1)} \oplus V^{\varnothing,(2,2)} \oplus V^{\varnothing,(2,1,1)} \oplus V^{\varnothing,(1,1,1,1)} \oplus V^{\varnothing,(3,2)} \oplus V^{\varnothing,(3,1,1)} \oplus V^{\varnothing,(2,2,1)} \oplus V^{\varnothing,(2,1,1,1)} \oplus V^{\varnothing,(3,2,1)} \oplus V^{\varnothing,(3,1,1,1)} \oplus V^{\varnothing,(2,2,1,1)} \oplus 1225V^{(1),\varnothing} \oplus 4560V^{(1),(1)} \oplus 2580V^{(1),(2)} \oplus 2580V^{(1),(1,1)} \oplus 1120V^{(1),(3)} \oplus 1280V^{(1),(2,1)} \oplus 1200V^{(1),(1,1,1)} \oplus 550V^{(1),(3,1)} \oplus 550V^{(1),(2,2)} \oplus 600V^{(1),(2,1,1)} \oplus 500V^{(1),(1,1,1,1)} \oplus 178V^{(1),(3,2)} \oplus 204V^{(1),(3,1,1)} \oplus 204V^{(1),(2,2,1)} \oplus 204V^{(1),(2,1,1,1)} \oplus 2V^{(1),(3,2,1)} \oplus 2V^{(1),(3,1,1,1)} \oplus 2V^{(1),(2,2,1,1)} \oplus 700V^{(2),\varnothing} \oplus 2580V^{(2),(1)} \oplus 1316V^{(2),(2)} \oplus 1328V^{(2),(1,1)} \oplus 528V^{(2),(3)} \oplus 660V^{(2),(2,1)} \oplus 594V^{(2),(1,1,1)} \oplus 160V^{(2),(3,1)} \oplus 160V^{(2),(2,2)} \oplus 188V^{(2),(2,1,1)} \oplus 140V^{(2),(1,1,1,1)} \oplus 4V^{(2),(3,2)} \oplus 5V^{(2),(3,1,1)} \oplus 5V^{(2),(2,2,1)} \oplus 5V^{(2),(2,1,1,1)} \oplus 315V^{(3),\varnothing} \oplus 1200V^{(3),(1)} \oplus 594V^{(3),(2)} \oplus 606V^{(3),(1,1)} \oplus 144V^{(3),(3)} \oplus 198V^{(3),(2,1)} \oplus 174V^{(3),(1,1,1)} \oplus 13V^{(3),(3,1)} \oplus 13V^{(3),(2,2)} \oplus 16V^{(3),(2,1,1)} \oplus 12V^{(3),(1,1,1,1)} \oplus 140V^{(4),\varnothing} \oplus 550V^{(4),(1)} \oplus 168V^{(4),(2)} \oplus 176V^{(4),(1,1)} \oplus 18V^{(4),(3)} \oplus 30V^{(4),(2,1)} \oplus 27V^{(4),(1,1,1)} \oplus 70V^{(5),\varnothing} \oplus 204V^{(5),(1)} \oplus 9V^{(5),(2)} \oplus 11V^{(5),(1,1)} \oplus 35V^{(6),\varnothing} \oplus 3V^{(6),(1)}$
$k = 6: \quad 720V^{(1),(1)} \oplus 720V^{(1),(2)} \oplus 720V^{(1),(1,1)} \oplus 468V^{(1),(3)} \oplus 468V^{(1),(2,1)} \oplus 468V^{(1),(1,1,1)} \oplus 260V^{(1),(3,1)} \oplus 260V^{(1),(2,2)} \oplus 260V^{(1),(2,1,1)} \oplus 260V^{(1),(1,1,1,1)} \oplus 150V^{(1),(3,2)} \oplus 150V^{(1),(3,1,1)} \oplus 150V^{(1),(2,2,1)} \oplus 150V^{(1),(2,1,1,1)} \oplus 76V^{(1),(3,2,1)} \oplus 76V^{(1),(3,1,1,1)} \oplus 76V^{(1),(2,2,1,1)} \oplus V^{(1),(3,2,1,1)} \oplus 720V^{(2),(1)} \oplus 648V^{(2),(2)} \oplus 648V^{(2),(1,1)} \oplus 344V^{(2),(3)} \oplus 392V^{(2),(2,1)} \oplus 368V^{(2),(1,1,1)} \oplus 186V^{(2),(3,1)} \oplus 186V^{(2),(2,2)} \oplus 204V^{(2),(2,1,1)} \oplus$

Table 11: Table for $\lambda = (7,)$, $\mu = (3,1,1,1,1)$:

$k = 14: \quad 3V^{\varnothing,\varnothing}$
$k = 13: \quad 6567V^{\varnothing,\varnothing} \oplus 14V^{\varnothing,(1)} \oplus 206V^{(1),\varnothing}$
$k = 12:$ $12677V^{\varnothing,\varnothing} \oplus 4956V^{\varnothing,(1)} \oplus 9V^{\varnothing,(2)} \oplus 11V^{\varnothing,(1,1)} \oplus 4134V^{(1),\varnothing} \oplus 1059V^{(1),(1)} \oplus 81V^{(2),\varnothing}$
$k = 11:$ $12947V^{\varnothing,\varnothing} \oplus 9105V^{\varnothing,(1)} \oplus 1802V^{\varnothing,(2)} \oplus 1926V^{\varnothing,(1,1)} \oplus 4V^{\varnothing,(3)} \oplus 7V^{\varnothing,(2,1)} \oplus 8V^{\varnothing,(1,1,1)} \oplus$ $7338V^{(1),\varnothing} \oplus 8544V^{(1),(1)} \oplus 187V^{(1),(2)} \oplus 195V^{(1),(1,1)} \oplus 1554V^{(2),\varnothing} \oplus 339V^{(2),(1)} \oplus 28V^{(3),\varnothing}$
$k = 10: \quad 9860V^{\varnothing,\varnothing} \oplus 8224V^{\varnothing,(1)} \oplus 3061V^{\varnothing,(2)} \oplus 3229V^{\varnothing,(1,1)} \oplus 376V^{\varnothing,(3)} \oplus$ $742V^{\varnothing,(2,1)} \oplus 794V^{\varnothing,(1,1,1)} \oplus 3V^{\varnothing,(3,1)} \oplus 5V^{\varnothing,(2,1,1)} \oplus 5V^{\varnothing,(1,1,1,1)} \oplus 7142V^{(1),\varnothing} \oplus$ $15190V^{(1),(1)} \oplus 2848V^{(1),(2)} \oplus 2976V^{(1),(1,1)} \oplus 34V^{(1),(3)} \oplus 43V^{(1),(2,1)} \oplus 45V^{(1),(1,1,1)} \oplus$ $2508V^{(2),\varnothing} \oplus 3024V^{(2),(1)} \oplus 187V^{(2),(2)} \oplus 195V^{(2),(1,1)} \oplus 618V^{(3),\varnothing} \oplus 99V^{(3),(1)} \oplus 9V^{(4),\varnothing}$
$k = 9: \quad 4440V^{\varnothing,\varnothing} \oplus 5065V^{\varnothing,(1)} \oplus 2256V^{\varnothing,(2)} \oplus 2336V^{\varnothing,(1,1)} \oplus 509V^{\varnothing,(3)} \oplus 1009V^{\varnothing,(2,1)} \oplus$ $1059V^{\varnothing,(1,1,1)} \oplus 182V^{\varnothing,(3,1)} \oplus 360V^{\varnothing,(2,1,1)} \oplus 360V^{\varnothing,(1,1,1,1)} \oplus 2V^{\varnothing,(3,1,1)} \oplus 3V^{\varnothing,(2,1,1,1)} \oplus$ $2V^{\varnothing,(1,1,1,1,1)} \oplus 4605V^{(1),\varnothing} \oplus 14608V^{(1),(1)} \oplus 4938V^{(1),(2)} \oplus 5082V^{(1),(1,1)} \oplus 928V^{(1),(3)} \oplus$ $1096V^{(1),(2,1)} \oplus 1136V^{(1),(1,1,1)} \oplus 10V^{(1),(3,1)} \oplus 13V^{(1),(2,1,1)} \oplus 13V^{(1),(1,1,1,1)} \oplus 2040V^{(2),\varnothing} \oplus$ $5082V^{(2),(1)} \oplus 1036V^{(2),(2)} \oplus 1092V^{(2),(1,1)} \oplus 34V^{(2),(3)} \oplus 43V^{(2),(2,1)} \oplus 45V^{(2),(1,1,1)} \oplus$ $820V^{(3),\varnothing} \oplus 1160V^{(3),(1)} \oplus 67V^{(3),(2)} \oplus 75V^{(3),(1,1)} \oplus 264V^{(4),\varnothing} \oplus 27V^{(4),(1)} \oplus 3V^{(5),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 1446V^{\varnothing,(1)} \oplus 941V^{\varnothing,(2)} \oplus 941V^{\varnothing,(1,1)} \oplus 264V^{\varnothing,(3)} \oplus 524V^{\varnothing,(2,1)} \oplus$ $524V^{\varnothing,(1,1,1)} \oplus 153V^{\varnothing,(3,1)} \oplus 303V^{\varnothing,(2,1,1)} \oplus 303V^{\varnothing,(1,1,1,1)} \oplus 78V^{\varnothing,(3,1,1)} \oplus$ $154V^{\varnothing,(2,1,1,1)} \oplus 78V^{\varnothing,(1,1,1,1,1)} \oplus V^{\varnothing,(3,1,1,1)} \oplus V^{\varnothing,(2,1,1,1,1)} \oplus 1710V^{(1),\varnothing} \oplus 10580V^{(1),(1)} \oplus$ $4304V^{(1),(2)} \oplus 4352V^{(1),(1,1)} \oplus 1536V^{(1),(3)} \oplus 1722V^{(1),(2,1)} \oplus 1758V^{(1),(1,1,1)} \oplus$ $376V^{(1),(3,1)} \oplus 448V^{(1),(2,1,1)} \oplus 448V^{(1),(1,1,1,1)} \oplus 4V^{(1),(3,1,1)} \oplus 5V^{(1),(2,1,1,1)} \oplus$ $4V^{(1),(1,1,1,1,1)} \oplus 993V^{(2),\varnothing} \oplus 4352V^{(2),(1)} \oplus 1670V^{(2),(2)} \oplus 1718V^{(2),(1,1)} \oplus 328V^{(2),(3)} \oplus$ $396V^{(2),(2,1)} \oplus 412V^{(2),(1,1,1)} \oplus 10V^{(2),(3,1)} \oplus 13V^{(2),(2,1,1)} \oplus 13V^{(2),(1,1,1,1)} \oplus 500V^{(3),\varnothing} \oplus$ $1758V^{(3),(1)} \oplus 396V^{(3),(2)} \oplus 424V^{(3),(1,1)} \oplus 34V^{(3),(3)} \oplus 43V^{(3),(2,1)} \oplus 45V^{(3),(1,1,1)} \oplus$ $240V^{(4),\varnothing} \oplus 468V^{(4),(1)} \oplus 19V^{(4),(2)} \oplus 27V^{(4),(1,1)} \oplus 106V^{(5),\varnothing} \oplus 9V^{(5),(1)} \oplus V^{(6),\varnothing}$
$k = 7: \quad V^{\varnothing,(1)} \oplus V^{\varnothing,(2)} \oplus V^{\varnothing,(1,1)} \oplus V^{\varnothing,(3)} \oplus V^{\varnothing,(2,1)} \oplus V^{\varnothing,(1,1,1)} \oplus V^{\varnothing,(3,1)} \oplus$ $V^{\varnothing,(2,1,1)} \oplus V^{\varnothing,(1,1,1,1)} \oplus V^{\varnothing,(3,1,1)} \oplus V^{\varnothing,(2,1,1,1)} \oplus V^{\varnothing,(1,1,1,1,1)} \oplus V^{\varnothing,(3,1,1,1)} \oplus$ $V^{\varnothing,(2,1,1,1,1)} \oplus 225V^{(1),\varnothing} \oplus 4560V^{(1),(1)} \oplus 2580V^{(1),(2)} \oplus 2580V^{(1),(1,1)} \oplus 1120V^{(1),(3)} \oplus$ $1200V^{(1),(2,1)} \oplus 1200V^{(1),(1,1,1)} \oplus 500V^{(1),(3,1)} \oplus 550V^{(1),(2,1,1)} \oplus 550V^{(1),(1,1,1,1)} \oplus$ $178V^{(1),(3,1,1)} \oplus 204V^{(1),(2,1,1,1)} \oplus 178V^{(1),(1,1,1,1,1)} \oplus 2V^{(1),(3,1,1,1)} \oplus 2V^{(1),(2,1,1,1,1)} \oplus$ $165V^{(2),\varnothing} \oplus 2580V^{(2),(1)} \oplus 1304V^{(2),(2)} \oplus 1316V^{(2),(1,1)} \oplus 516V^{(2),(3)} \oplus 582V^{(2),(2,1)} \oplus$ $594V^{(2),(1,1,1)} \oplus 132V^{(2),(3,1)} \oplus 160V^{(2),(2,1,1)} \oplus 160V^{(2),(1,1,1,1)} \oplus 4V^{(2),(3,1,1)} \oplus$ $5V^{(2),(2,1,1,1)} \oplus 4V^{(2),(1,1,1,1,1)} \oplus 105V^{(3),\varnothing} \oplus 1200V^{(3),(1)} \oplus 582V^{(3),(2)} \oplus 594V^{(3),(1,1)} \oplus$ $130V^{(3),(3)} \oplus 160V^{(3),(2,1)} \oplus 168V^{(3),(1,1,1)} \oplus 10V^{(3),(3,1)} \oplus 13V^{(3),(2,1,1)} \oplus 13V^{(3),(1,1,1,1)} \oplus$ $60V^{(4),\varnothing} \oplus 550V^{(4),(1)} \oplus 160V^{(4),(2)} \oplus 168V^{(4),(1,1)} \oplus 10V^{(4),(3)} \oplus 19V^{(4),(2,1)} \oplus$ $21V^{(4),(1,1,1)} \oplus 30V^{(5),\varnothing} \oplus 204V^{(5),(1)} \oplus 7V^{(5),(2)} \oplus 9V^{(5),(1,1)} \oplus 15V^{(6),\varnothing} \oplus 3V^{(6),(1)}$
$k = 6: \quad 720V^{(1),(1)} \oplus 720V^{(1),(2)} \oplus 720V^{(1),(1,1)} \oplus 468V^{(1),(3)} \oplus 468V^{(1),(2,1)} \oplus$ $468V^{(1),(1,1,1)} \oplus 260V^{(1),(3,1)} \oplus 260V^{(1),(2,1,1)} \oplus 260V^{(1),(1,1,1,1)} \oplus 150V^{(1),(3,1,1)} \oplus$ $150V^{(1),(2,1,1,1)} \oplus 150V^{(1),(1,1,1,1,1)} \oplus 76V^{(1),(3,1,1,1)} \oplus 76V^{(1),(2,1,1,1,1)} \oplus V^{(1),(3,1,1,1,1)} \oplus$ $720V^{(2),(1)} \oplus 648V^{(2),(2)} \oplus 648V^{(2),(1,1)} \oplus 344V^{(2),(3)} \oplus 368V^{(2),(2,1)} \oplus 368V^{(2),(1,1,1)} \oplus$ $168V^{(2),(3,1)} \oplus 186V^{(2),(2,1,1)} \oplus 186V^{(2),(1,1,1,1)} \oplus 62V^{(2),(3,1,1)} \oplus 72V^{(2),(2,1,1,1)} \oplus$ $62V^{(2),(1,1,1,1,1)} \oplus 2V^{(2),(3,1,1,1)} \oplus 2V^{(2),(2,1,1,1,1)} \oplus 468V^{(3),(1)} \oplus 368V^{(3),(2)} \oplus$ $368V^{(3),(1,1)} \oplus 184V^{(3),(3)} \oplus 206V^{(3),(2,1)} \oplus 210V^{(3),(1,1,1)} \oplus 52V^{(3),(3,1)} \oplus 64V^{(3),(2,1,1)} \oplus$ $64V^{(3),(1,1,1,1)} \oplus 4V^{(3),(3,1,1)} \oplus 5V^{(3),(2,1,1,1)} \oplus 4V^{(3),(1,1,1,1,1)} \oplus 260V^{(4),(1)} \oplus$ $186V^{(4),(2)} \oplus 186V^{(4),(1,1)} \oplus 52V^{(4),(3)} \oplus 64V^{(4),(2,1)} \oplus 68V^{(4),(1,1,1)} \oplus 10V^{(4),(3,1)} \oplus$

Table 12: Table for $\lambda = (7,)$, $\mu = (2,2,2,1)$:

$k = 14: \quad 2V^{\varnothing,\varnothing}$
$k = 13: \quad 6466V^{\varnothing,\varnothing} \oplus 12V^{\varnothing,(1)} \oplus 169V^{(1),\varnothing}$
$k = 12:$ $12514V^{\varnothing,\varnothing} \oplus 4688V^{\varnothing,(1)} \oplus 8V^{\varnothing,(2)} \oplus 10V^{\varnothing,(1,1)} \oplus 3954V^{(1),\varnothing} \oplus 1033V^{(1),(1)} \oplus 63V^{(2),\varnothing}$
$k = 11: \quad 12836V^{\varnothing,\varnothing} \oplus 8649V^{\varnothing,(1)} \oplus 1042V^{\varnothing,(2)} \oplus 1906V^{\varnothing,(1,1)} \oplus 7V^{\varnothing,(2,1)} \oplus 7V^{\varnothing,(1,1,1)} \oplus$ $7104V^{(1),\varnothing} \oplus 8248V^{(1),(1)} \oplus 186V^{(1),(2)} \oplus 189V^{(1),(1,1)} \oplus 1488V^{(2),\varnothing} \oplus 313V^{(2),(1)} \oplus 22V^{(3),\varnothing}$
$k = 10: \quad 9836V^{\varnothing,\varnothing} \oplus 7904V^{\varnothing,(1)} \oplus 1711V^{\varnothing,(2)} \oplus 3211V^{\varnothing,(1,1)} \oplus 742V^{\varnothing,(2,1)} \oplus$ $742V^{\varnothing,(1,1,1)} \oplus 4V^{\varnothing,(2,2)} \oplus 5V^{\varnothing,(2,1,1)} \oplus 3V^{\varnothing,(1,1,1,1)} \oplus 6148V^{(1),\varnothing} \oplus 14818V^{(1),(1)} \oplus$ $2588V^{(1),(2)} \oplus 2928V^{(1),(1,1)} \oplus 43V^{(1),(2,1)} \oplus 43V^{(1),(1,1,1)} \oplus 2440V^{(2),\varnothing} \oplus 2896V^{(2),(1)} \oplus$ $186V^{(2),(2)} \oplus 189V^{(2),(1,1)} \oplus 598V^{(3),\varnothing} \oplus 73V^{(3),(1)} \oplus 8V^{(4),\varnothing}$
$k = 9: \quad 4440V^{\varnothing,\varnothing} \oplus 4945V^{\varnothing,(1)} \oplus 1216V^{\varnothing,(2)} \oplus 2336V^{\varnothing,(1,1)} \oplus 1009V^{\varnothing,(2,1)} \oplus$ $1009V^{\varnothing,(1,1,1)} \oplus 208V^{\varnothing,(2,2)} \oplus 360V^{\varnothing,(2,1,1)} \oplus 182V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(2,2,1)} \oplus$ $2V^{\varnothing,(2,1,1,1)} \oplus 4316V^{(1),\varnothing} \oplus 14416V^{(1),(1)} \oplus 4488V^{(1),(2)} \oplus 5046V^{(1),(1,1)} \oplus$ $1096V^{(1),(2,1)} \oplus 1096V^{(1),(1,1,1)} \oplus 12V^{(1),(2,2)} \oplus 13V^{(1),(2,1,1)} \oplus 10V^{(1),(1,1,1,1)} \oplus$ $1760V^{(2),\varnothing} \oplus 4974V^{(2),(1)} \oplus 936V^{(2),(2)} \oplus 1068V^{(2),(1,1)} \oplus 43V^{(2),(2,1)} \oplus 43V^{(2),(1,1,1)} \oplus$ $802V^{(3),\varnothing} \oplus 1120V^{(3),(1)} \oplus 66V^{(3),(2)} \oplus 69V^{(3),(1,1)} \oplus 260V^{(4),\varnothing} \oplus 25V^{(4),(1)} \oplus 3V^{(5),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 1446V^{\varnothing,(1)} \oplus 473V^{\varnothing,(2)} \oplus 941V^{\varnothing,(1,1)} \oplus 524V^{\varnothing,(2,1)} \oplus 524V^{\varnothing,(1,1,1)} \oplus$ $153V^{\varnothing,(2,2)} \oplus 303V^{\varnothing,(2,1,1)} \oplus 153V^{\varnothing,(1,1,1,1)} \oplus 154V^{\varnothing,(2,2,1)} \oplus 78V^{\varnothing,(2,1,1,1)} \oplus V^{\varnothing,(2,2,2)} \oplus$ $V^{\varnothing,(2,2,1,1)} \oplus 1476V^{(1),\varnothing} \oplus 10532V^{(1),(1)} \oplus 3984V^{(1),(2)} \oplus 4352V^{(1),(1,1)} \oplus$ $1722V^{(1),(2,1)} \oplus 1722V^{(1),(1,1,1)} \oplus 396V^{(1),(2,2)} \oplus 448V^{(1),(2,1,1)} \oplus 376V^{(1),(1,1,1,1)} \oplus$ $5V^{(1),(2,2,1)} \oplus 4V^{(1),(2,1,1,1)} \oplus 888V^{(2),\varnothing} \oplus 4304V^{(2),(1)} \oplus 1508V^{(2),(2)} \oplus 1706V^{(2),(1,1)} \oplus$ $396V^{(2),(2,1)} \oplus 396V^{(2),(1,1,1)} \oplus 12V^{(2),(2,2)} \oplus 13V^{(2),(2,1,1)} \oplus 10V^{(2),(1,1,1,1)} \oplus$ $428V^{(3),\varnothing} \oplus 1722V^{(3),(1)} \oplus 356V^{(3),(2)} \oplus 412V^{(3),(1,1)} \oplus 43V^{(3),(2,1)} \oplus 43V^{(3),(1,1,1)} \oplus$ $234V^{(4),\varnothing} \oplus 448V^{(4),(1)} \oplus 18V^{(4),(2)} \oplus 21V^{(4),(1,1)} \oplus 104V^{(5),\varnothing} \oplus 7V^{(5),(1)} \oplus V^{(6),\varnothing}$
$k = 7: \quad V^{\varnothing,(1)} \oplus V^{\varnothing,(2)} \oplus V^{\varnothing,(1,1)} \oplus V^{\varnothing,(2,1)} \oplus V^{\varnothing,(1,1,1)} \oplus V^{\varnothing,(2,2)} \oplus V^{\varnothing,(2,1,1)} \oplus V^{\varnothing,(1,1,1,1)} \oplus$ $V^{\varnothing,(2,2,1)} \oplus V^{\varnothing,(2,1,1,1)} \oplus V^{\varnothing,(2,2,2)} \oplus V^{\varnothing,(2,2,1,1)} \oplus 196V^{(1),\varnothing} \oplus 4560V^{(1),(1)} \oplus 2460V^{(1),(2)} \oplus$ $2580V^{(1),(1,1)} \oplus 1200V^{(1),(2,1)} \oplus 1200V^{(1),(1,1,1)} \oplus 500V^{(1),(2,2)} \oplus 550V^{(1),(2,1,1)} \oplus$ $500V^{(1),(1,1,1,1)} \oplus 204V^{(1),(2,2,1)} \oplus 178V^{(1),(2,1,1,1)} \oplus 2V^{(1),(2,2,2)} \oplus 2V^{(1),(2,2,1,1)} \oplus 126V^{(2),\varnothing} \oplus$ $2580V^{(2),(1)} \oplus 1208V^{(2),(2)} \oplus 1316V^{(2),(1,1)} \oplus 582V^{(2),(2,1)} \oplus 582V^{(2),(1,1,1)} \oplus 140V^{(2),(2,2)} \oplus$ $160V^{(2),(2,1,1)} \oplus 132V^{(2),(1,1,1,1)} \oplus 5V^{(2),(2,2,1)} \oplus 4V^{(2),(2,1,1,1)} \oplus 84V^{(3),\varnothing} \oplus 1200V^{(3),(1)} \oplus$ $528V^{(3),(2)} \oplus 594V^{(3),(1,1)} \oplus 160V^{(3),(2,1)} \oplus 160V^{(3),(1,1,1)} \oplus 12V^{(3),(2,2)} \oplus 13V^{(3),(2,1,1)} \oplus$ $10V^{(3),(1,1,1,1)} \oplus 42V^{(4),\varnothing} \oplus 550V^{(4),(1)} \oplus 140V^{(4),(2)} \oplus 168V^{(4),(1,1)} \oplus 19V^{(4),(2,1)} \oplus$ $19V^{(4),(1,1,1)} \oplus 28V^{(5),\varnothing} \oplus 204V^{(5),(1)} \oplus 6V^{(5),(2)} \oplus 9V^{(5),(1,1)} \oplus 14V^{(6),\varnothing} \oplus 3V^{(6),(1)}$
$k = 6: \quad 720V^{(1),(1)} \oplus 720V^{(1),(2)} \oplus 720V^{(1),(1,1)} \oplus 468V^{(1),(2,1)} \oplus 468V^{(1),(1,1,1)} \oplus$ $260V^{(1),(2,2)} \oplus 260V^{(1),(2,1,1)} \oplus 260V^{(1),(1,1,1,1)} \oplus 150V^{(1),(2,2,1)} \oplus 150V^{(1),(2,1,1,1)} \oplus$ $76V^{(1),(2,2,2)} \oplus 76V^{(1),(2,2,1,1)} \oplus V^{(1),(2,2,2,1)} \oplus 720V^{(2),(1)} \oplus 624V^{(2),(2)} \oplus 648V^{(2),(1,1)} \oplus$ $368V^{(2),(2,1)} \oplus 368V^{(2),(1,1,1)} \oplus 168V^{(2),(2,2)} \oplus 186V^{(2),(2,1,1)} \oplus 168V^{(2),(1,1,1,1)} \oplus$ $72V^{(2),(2,2,1)} \oplus 62V^{(2),(2,1,1,1)} \oplus 2V^{(2),(2,2,2)} \oplus 2V^{(2),(2,2,1,1)} \oplus 468V^{(3),(1)} \oplus 344V^{(3),(2)} \oplus$ $368V^{(3),(1,1)} \oplus 206V^{(3),(2,1)} \oplus 206V^{(3),(1,1,1)} \oplus 56V^{(3),(2,2)} \oplus 64V^{(3),(2,1,1)} \oplus 52V^{(3),(1,1,1,1)} \oplus$ $5V^{(3),(2,2,1)} \oplus 4V^{(3),(2,1,1,1)} \oplus 260V^{(4),(1)} \oplus 168V^{(4),(2)} \oplus 186V^{(4),(1,1)} \oplus 64V^{(4),(2,1)} \oplus$ $64V^{(4),(1,1,1)} \oplus 12V^{(4),(2,2)} \oplus 13V^{(4),(2,1,1)} \oplus 10V^{(4),(1,1,1,1)} \oplus 150V^{(5),(1)} \oplus 62V^{(5),(2)} \oplus$ $72V^{(5),(1,1)} \oplus 7V^{(5),(2,1)} \oplus 7V^{(5),(1,1,1)} \oplus 76V^{(6),(1)} \oplus 2V^{(6),(2)} \oplus 3V^{(6),(1,1)} \oplus V^{(7),(1)}$
$k = 5: \quad 120V^{(2),(2)} \oplus 120V^{(2),(1,1)} \oplus 120V^{(2),(2,1)} \oplus 120V^{(2),(1,1,1)} \oplus 80V^{(2),(2,2)} \oplus$ $80V^{(2),(2,1,1)} \oplus 80V^{(2),(1,1,1,1)} \oplus 50V^{(2),(2,2,1)} \oplus 50V^{(2),(2,1,1,1)} \oplus 26V^{(2),(2,2,2)} \oplus$ $26V^{(2),(2,2,1,1)} \oplus V^{(2),(2,2,2,1)} \oplus 120V^{(3),(2)} \oplus 120V^{(3),(1,1)} \oplus 108V^{(3),(2,1)} \oplus$ $108V^{(3),(1,1,1)} \oplus 60V^{(3),(2,2)} \oplus 66V^{(3),(2,1,1)} \oplus 60V^{(3),(1,1,1,1)} \oplus 28V^{(3),(2,2,1)} \oplus$

Table 13: Table for $\lambda = (7,)$, $\mu = (2,2,1,1,1)$:

$k = 14: \quad 2V^{\varnothing,\varnothing}$
$k = 13: \quad 6466V^{\varnothing,\varnothing} \oplus 13V^{\varnothing,(1)} \oplus 170V^{(1),\varnothing}$
$k = 12:$ $12514V^{\varnothing,\varnothing} \oplus 4696V^{\varnothing,(1)} \oplus 8V^{\varnothing,(2)} \oplus 11V^{\varnothing,(1,1)} \oplus 3956V^{(1),\varnothing} \oplus 1057V^{(1),(1)} \oplus 64V^{(2),\varnothing}$
$k = 11: \quad 12836V^{\varnothing,\varnothing} \oplus 8655V^{\varnothing,(1)} \oplus 1042V^{\varnothing,(2)} \oplus 1926V^{\varnothing,(1,1)} \oplus 7V^{\varnothing,(2,1)} \oplus 8V^{\varnothing,(1,1,1)} \oplus 7104V^{(1),\varnothing} \oplus 8344V^{(1),(1)} \oplus 186V^{(1),(2)} \oplus 195V^{(1),(1,1)} \oplus 1488V^{(2),\varnothing} \oplus 337V^{(2),(1)} \oplus 22V^{(3),\varnothing}$
$k = 10: \quad 9836V^{\varnothing,\varnothing} \oplus 7904V^{\varnothing,(1)} \oplus 1711V^{\varnothing,(2)} \oplus 3229V^{\varnothing,(1,1)} \oplus 742V^{\varnothing,(2,1)} \oplus 794V^{\varnothing,(1,1,1)} \oplus 3V^{\varnothing,(2,2)} \oplus 5V^{\varnothing,(2,1,1)} \oplus 5V^{\varnothing,(1,1,1,1)} \oplus 6148V^{(1),\varnothing} \oplus 14866V^{(1),(1)} \oplus 2588V^{(1),(2)} \oplus 2976V^{(1),(1,1)} \oplus 43V^{(1),(2,1)} \oplus 45V^{(1),(1,1,1)} \oplus 2440V^{(2),\varnothing} \oplus 2944V^{(2),(1)} \oplus 186V^{(2),(2)} \oplus 195V^{(2),(1,1)} \oplus 598V^{(3),\varnothing} \oplus 97V^{(3),(1)} \oplus 8V^{(4),\varnothing}$
$k = 9: \quad 4440V^{\varnothing,\varnothing} \oplus 4945V^{\varnothing,(1)} \oplus 1216V^{\varnothing,(2)} \oplus 2336V^{\varnothing,(1,1)} \oplus 1009V^{\varnothing,(2,1)} \oplus 1059V^{\varnothing,(1,1,1)} \oplus 182V^{\varnothing,(2,2)} \oplus 360V^{\varnothing,(2,1,1)} \oplus 360V^{\varnothing,(1,1,1,1)} \oplus 2V^{\varnothing,(2,2,1)} \oplus 3V^{\varnothing,(2,1,1,1)} \oplus 2V^{\varnothing,(1,1,1,1,1)} \oplus 4316V^{(1),\varnothing} \oplus 14416V^{(1),(1)} \oplus 4488V^{(1),(2)} \oplus 5082V^{(1),(1,1)} \oplus 1096V^{(1),(2,1)} \oplus 1136V^{(1),(1,1,1)} \oplus 10V^{(1),(2,2)} \oplus 13V^{(1),(2,1,1)} \oplus 13V^{(1),(1,1,1,1)} \oplus 1760V^{(2),\varnothing} \oplus 4974V^{(2),(1)} \oplus 936V^{(2),(2)} \oplus 1092V^{(2),(1,1)} \oplus 43V^{(2),(2,1)} \oplus 45V^{(2),(1,1,1)} \oplus 802V^{(3),\varnothing} \oplus 1120V^{(3),(1)} \oplus 66V^{(3),(2)} \oplus 75V^{(3),(1,1)} \oplus 260V^{(4),\varnothing} \oplus 25V^{(4),(1)} \oplus 3V^{(5),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 1446V^{\varnothing,(1)} \oplus 473V^{\varnothing,(2)} \oplus 941V^{\varnothing,(1,1)} \oplus 524V^{\varnothing,(2,1)} \oplus 524V^{\varnothing,(1,1,1)} \oplus 153V^{\varnothing,(2,2)} \oplus 303V^{\varnothing,(2,1,1)} \oplus 303V^{\varnothing,(1,1,1,1)} \oplus 78V^{\varnothing,(2,2,1)} \oplus 154V^{\varnothing,(2,1,1,1)} \oplus 78V^{\varnothing,(1,1,1,1,1)} \oplus V^{\varnothing,(2,2,1,1)} \oplus V^{\varnothing,(2,1,1,1,1)} \oplus 1560V^{(1),\varnothing} \oplus 10532V^{(1),(1)} \oplus 3984V^{(1),(2)} \oplus 4352V^{(1),(1,1)} \oplus 1722V^{(1),(2,1)} \oplus 1758V^{(1),(1,1,1)} \oplus 376V^{(1),(2,2)} \oplus 448V^{(1),(2,1,1)} \oplus 448V^{(1),(1,1,1,1)} \oplus 4V^{(1),(2,2,1)} \oplus 5V^{(1),(2,1,1,1)} \oplus 4V^{(1),(1,1,1,1,1)} \oplus 888V^{(2),\varnothing} \oplus 4304V^{(2),(1)} \oplus 1508V^{(2),(2)} \oplus 1718V^{(2),(1,1)} \oplus 396V^{(2),(2,1)} \oplus 412V^{(2),(1,1,1)} \oplus 10V^{(2),(2,2)} \oplus 13V^{(2),(2,1,1)} \oplus 13V^{(2),(1,1,1,1)} \oplus 428V^{(3),\varnothing} \oplus 1722V^{(3),(1)} \oplus 356V^{(3),(2)} \oplus 424V^{(3),(1,1)} \oplus 43V^{(3),(2,1)} \oplus 45V^{(3),(1,1,1)} \oplus 234V^{(4),\varnothing} \oplus 448V^{(4),(1)} \oplus 18V^{(4),(2)} \oplus 27V^{(4),(1,1)} \oplus 104V^{(5),\varnothing} \oplus 7V^{(5),(1)} \oplus V^{(6),\varnothing}$
$k = 7: \quad V^{\varnothing,(1)} \oplus V^{\varnothing,(2)} \oplus V^{\varnothing,(1,1)} \oplus V^{\varnothing,(2,1)} \oplus V^{\varnothing,(1,1,1)} \oplus V^{\varnothing,(2,2)} \oplus V^{\varnothing,(2,1,1)} \oplus V^{\varnothing,(1,1,1,1)} \oplus V^{\varnothing,(2,2,1)} \oplus V^{\varnothing,(2,1,1,1)} \oplus V^{\varnothing,(1,1,1,1,1)} \oplus V^{\varnothing,(2,2,1,1)} \oplus V^{\varnothing,(2,1,1,1,1)} \oplus 196V^{(1),\varnothing} \oplus 4560V^{(1),(1)} \oplus 2460V^{(1),(2)} \oplus 2580V^{(1),(1,1)} \oplus 1200V^{(1),(2,1)} \oplus 1200V^{(1),(1,1,1)} \oplus 500V^{(1),(2,2)} \oplus 550V^{(1),(2,1,1)} \oplus 550V^{(1),(1,1,1,1)} \oplus 178V^{(1),(2,2,1)} \oplus 204V^{(1),(2,1,1,1)} \oplus 178V^{(1),(1,1,1,1,1)} \oplus 2V^{(1),(2,2,1,1)} \oplus 2V^{(1),(2,1,1,1,1)} \oplus 140V^{(2),\varnothing} \oplus 2580V^{(2),(1)} \oplus 1208V^{(2),(2)} \oplus 1316V^{(2),(1,1)} \oplus 582V^{(2),(2,1)} \oplus 594V^{(2),(1,1,1)} \oplus 132V^{(2),(2,2)} \oplus 160V^{(2),(2,1,1)} \oplus 160V^{(2),(1,1,1,1)} \oplus 4V^{(2),(2,2,1)} \oplus 5V^{(2),(2,1,1,1)} \oplus 4V^{(2),(1,1,1,1,1)} \oplus 84V^{(3),\varnothing} \oplus 1200V^{(3),(1)} \oplus 528V^{(3),(2)} \oplus 594V^{(3),(1,1)} \oplus 160V^{(3),(2,1)} \oplus 168V^{(3),(1,1,1)} \oplus 10V^{(3),(2,2)} \oplus 13V^{(3),(2,1,1)} \oplus 13V^{(3),(1,1,1,1)} \oplus 42V^{(4),\varnothing} \oplus 550V^{(4),(1)} \oplus 140V^{(4),(2)} \oplus 168V^{(4),(1,1)} \oplus 19V^{(4),(2,1)} \oplus 21V^{(4),(1,1,1)} \oplus 28V^{(5),\varnothing} \oplus 204V^{(5),(1)} \oplus 6V^{(5),(2)} \oplus 9V^{(5),(1,1)} \oplus 14V^{(6),\varnothing} \oplus 3V^{(6),(1)}$
$k = 6: \quad 720V^{(1),(1)} \oplus 720V^{(1),(2)} \oplus 720V^{(1),(1,1)} \oplus 468V^{(1),(2,1)} \oplus 468V^{(1),(1,1,1)} \oplus 260V^{(1),(2,2)} \oplus 260V^{(1),(2,1,1)} \oplus 260V^{(1),(1,1,1,1)} \oplus 150V^{(1),(2,2,1)} \oplus 150V^{(1),(2,1,1,1)} \oplus 150V^{(1),(1,1,1,1,1)} \oplus 76V^{(1),(2,2,1,1)} \oplus 76V^{(1),(2,1,1,1,1)} \oplus V^{(1),(2,2,1,1,1)} \oplus 720V^{(2),(1)} \oplus 624V^{(2),(2)} \oplus 648V^{(2),(1,1)} \oplus 368V^{(2),(2,1)} \oplus 368V^{(2),(1,1,1)} \oplus 168V^{(2),(2,2)} \oplus 186V^{(2),(2,1,1)} \oplus 186V^{(2),(1,1,1,1)} \oplus 62V^{(2),(2,2,1)} \oplus 72V^{(2),(2,1,1,1)} \oplus 62V^{(2),(1,1,1,1,1)} \oplus 2V^{(2),(2,2,1,1)} \oplus 2V^{(2),(2,1,1,1,1)} \oplus 468V^{(3),(1)} \oplus 344V^{(3),(2)} \oplus 368V^{(3),(1,1)} \oplus 206V^{(3),(2,1)} \oplus 210V^{(3),(1,1,1)} \oplus 52V^{(3),(2,2)} \oplus 64V^{(3),(2,1,1)} \oplus 64V^{(3),(1,1,1,1)} \oplus 4V^{(3),(2,2,1)} \oplus 5V^{(3),(2,1,1,1)} \oplus 4V^{(3),(1,1,1,1,1)} \oplus 260V^{(4),(1)} \oplus 168V^{(4),(2)} \oplus 186V^{(4),(1,1)} \oplus 64V^{(4),(2,1)} \oplus 68V^{(4),(1,1,1)} \oplus 10V^{(4),(2,2)} \oplus 13V^{(4),(2,1,1)} \oplus 13V^{(4),(1,1,1,1)} \oplus 150V^{(5),(1)} \oplus 62V^{(5),(2)} \oplus 72V^{(5),(1,1)} \oplus 7V^{(5),(2,1)} \oplus 9V^{(5),(1,1,1)} \oplus 76V^{(6),(1)} \oplus 2V^{(6),(2)} \oplus 3V^{(6),(1,1)} \oplus V^{(7),(1)}$
$k = 5: \quad 120V^{(2),(2)} \oplus 120V^{(2),(1,1)} \oplus 120V^{(2),(2,1)} \oplus 120V^{(2),(1,1,1)} \oplus 80V^{(2),(2,2)} \oplus 80V^{(2),(2,1,1)} \oplus 80V^{(2),(1,1,1,1)} \oplus 50V^{(2),(2,2,1)} \oplus 50V^{(2),(2,1,1,1)} \oplus 50V^{(2),(1,1,1,1,1)} \oplus$

Table 14: Table for $\lambda = (7,)$, $\mu = (2,1,1,1,1,1)$:

$k = 14: \quad 2V^{\varnothing,\varnothing}$
$k = 13: \quad 6458V^{\varnothing,\varnothing} \oplus 11V^{\varnothing,(1)} \oplus 61V^{(1),\varnothing}$
$k = 12:$ $12506V^{\varnothing,\varnothing} \oplus 4648V^{\varnothing,(1)} \oplus 5V^{\varnothing,(2)} \oplus 9V^{\varnothing,(1,1)} \oplus 3266V^{(1),\varnothing} \oplus 1027V^{(1),(1)} \oplus 35V^{(2),\varnothing}$
$k = 11: \quad 12836V^{\varnothing,\varnothing} \oplus 8595V^{\varnothing,(1)} \oplus 914V^{\varnothing,(2)} \oplus 1802V^{\varnothing,(1,1)} \oplus 4V^{\varnothing,(2,1)} \oplus 7V^{\varnothing,(1,1,1)} \oplus$ $5880V^{(1),\varnothing} \oplus 8152V^{(1),(1)} \oplus 154V^{(1),(2)} \oplus 187V^{(1),(1,1)} \oplus 1264V^{(2),\varnothing} \oplus 307V^{(2),(1)} \oplus 18V^{(3),\varnothing}$
$k = 10: \quad 9836V^{\varnothing,\varnothing} \oplus 7880V^{\varnothing,(1)} \oplus 1543V^{\varnothing,(2)} \oplus 3061V^{\varnothing,(1,1)} \oplus 376V^{\varnothing,(2,1)} \oplus$ $742V^{\varnothing,(1,1,1)} \oplus 3V^{\varnothing,(2,1,1)} \oplus 5V^{\varnothing,(1,1,1,1)} \oplus 5108V^{(1),\varnothing} \oplus 14710V^{(1),(1)} \oplus 2412V^{(1),(2)} \oplus$ $2848V^{(1),(1,1)} \oplus 34V^{(1),(2,1)} \oplus 43V^{(1),(1,1,1)} \oplus 2040V^{(2),\varnothing} \oplus 2848V^{(2),(1)} \oplus 154V^{(2),(2)} \oplus$ $187V^{(2),(1,1)} \oplus 518V^{(3),\varnothing} \oplus 67V^{(3),(1)} \oplus 8V^{(4),\varnothing}$
$k = 9: \quad 4440V^{\varnothing,\varnothing} \oplus 4945V^{\varnothing,(1)} \oplus 1136V^{\varnothing,(2)} \oplus 2256V^{\varnothing,(1,1)} \oplus 509V^{\varnothing,(2,1)} \oplus$ $1009V^{\varnothing,(1,1,1)} \oplus 182V^{\varnothing,(2,1,1)} \oplus 360V^{\varnothing,(1,1,1,1)} \oplus 2V^{\varnothing,(2,1,1,1)} \oplus 3V^{\varnothing,(1,1,1,1,1)} \oplus$ $3060V^{(1),\varnothing} \oplus 14380V^{(1),(1)} \oplus 4344V^{(1),(2)} \oplus 4938V^{(1),(1,1)} \oplus 928V^{(1),(2,1)} \oplus$ $1096V^{(1),(1,1,1)} \oplus 10V^{(1),(2,1,1)} \oplus 13V^{(1),(1,1,1,1)} \oplus 1440V^{(2),\varnothing} \oplus 4938V^{(2),(1)} \oplus$ $856V^{(2),(2)} \oplus 1036V^{(2),(1,1)} \oplus 34V^{(2),(2,1)} \oplus 43V^{(2),(1,1,1)} \oplus 658V^{(3),\varnothing} \oplus 1096V^{(3),(1)} \oplus$ $34V^{(3),(2)} \oplus 67V^{(3),(1,1)} \oplus 228V^{(4),\varnothing} \oplus 19V^{(4),(1)} \oplus 3V^{(5),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 1446V^{\varnothing,(1)} \oplus 473V^{\varnothing,(2)} \oplus 941V^{\varnothing,(1,1)} \oplus 264V^{\varnothing,(2,1)} \oplus$ $524V^{\varnothing,(1,1,1)} \oplus 153V^{\varnothing,(2,1,1)} \oplus 303V^{\varnothing,(1,1,1,1)} \oplus 78V^{\varnothing,(2,1,1,1)} \oplus 154V^{\varnothing,(1,1,1,1,1)} \oplus$ $V^{\varnothing,(2,1,1,1,1)} \oplus V^{\varnothing,(1,1,1,1,1,1)} \oplus 900V^{(1),\varnothing} \oplus 10532V^{(1),(1)} \oplus 3936V^{(1),(2)} \oplus$ $4304V^{(1),(1,1)} \oplus 1536V^{(1),(2,1)} \oplus 1722V^{(1),(1,1,1)} \oplus 376V^{(1),(2,1,1)} \oplus 448V^{(1),(1,1,1,1)} \oplus$ $4V^{(1),(2,1,1,1)} \oplus 5V^{(1),(1,1,1,1,1)} \oplus 588V^{(2),\varnothing} \oplus 4304V^{(2),(1)} \oplus 1460V^{(2),(2)} \oplus$ $1670V^{(2),(1,1)} \oplus 328V^{(2),(2,1)} \oplus 396V^{(2),(1,1,1)} \oplus 10V^{(2),(2,1,1)} \oplus 13V^{(2),(1,1,1,1)} \oplus$ $332V^{(3),\varnothing} \oplus 1722V^{(3),(1)} \oplus 328V^{(3),(2)} \oplus 396V^{(3),(1,1)} \oplus 34V^{(3),(2,1)} \oplus 43V^{(3),(1,1,1)} \oplus$ $186V^{(4),\varnothing} \oplus 448V^{(4),(1)} \oplus 10V^{(4),(2)} \oplus 19V^{(4),(1,1)} \oplus 88V^{(5),\varnothing} \oplus 7V^{(5),(1)} \oplus V^{(6),\varnothing}$
$k = 7: \quad V^{\varnothing,(1)} \oplus V^{\varnothing,(2)} \oplus V^{\varnothing,(1,1)} \oplus V^{\varnothing,(2,1)} \oplus V^{\varnothing,(1,1,1)} \oplus V^{\varnothing,(2,1,1)} \oplus V^{\varnothing,(1,1,1,1)} \oplus$ $V^{\varnothing,(2,1,1,1)} \oplus V^{\varnothing,(1,1,1,1,1)} \oplus V^{\varnothing,(2,1,1,1,1)} \oplus V^{\varnothing,(1,1,1,1,1,1)} \oplus 36V^{(1),\varnothing} \oplus 4560V^{(1),(1)} \oplus$ $2460V^{(1),(2)} \oplus 2580V^{(1),(1,1)} \oplus 1120V^{(1),(2,1)} \oplus 1200V^{(1),(1,1,1)} \oplus 500V^{(1),(2,1,1)} \oplus$ $550V^{(1),(1,1,1,1)} \oplus 178V^{(1),(2,1,1,1)} \oplus 204V^{(1),(1,1,1,1,1)} \oplus 2V^{(1),(2,1,1,1,1)} \oplus 2V^{(1),(1,1,1,1,1,1)} \oplus$ $30V^{(2),\varnothing} \oplus 2580V^{(2),(1)} \oplus 1196V^{(2),(2)} \oplus 1304V^{(2),(1,1)} \oplus 516V^{(2),(2,1)} \oplus 582V^{(2),(1,1,1)} \oplus$ $132V^{(2),(2,1,1)} \oplus 160V^{(2),(1,1,1,1)} \oplus 4V^{(2),(2,1,1,1)} \oplus 5V^{(2),(1,1,1,1,1)} \oplus 24V^{(3),\varnothing} \oplus$ $1200V^{(3),(1)} \oplus 516V^{(3),(2)} \oplus 582V^{(3),(1,1)} \oplus 130V^{(3),(2,1)} \oplus 160V^{(3),(1,1,1)} \oplus 10V^{(3),(2,1,1)} \oplus$ $13V^{(3),(1,1,1,1)} \oplus 18V^{(4),\varnothing} \oplus 550V^{(4),(1)} \oplus 132V^{(4),(2)} \oplus 160V^{(4),(1,1)} \oplus 10V^{(4),(2,1)} \oplus$ $19V^{(4),(1,1,1)} \oplus 12V^{(5),\varnothing} \oplus 204V^{(5),(1)} \oplus 4V^{(5),(2)} \oplus 7V^{(5),(1,1)} \oplus 6V^{(6),\varnothing} \oplus 3V^{(6),(1)}$
$k = 6: \quad 720V^{(1),(1)} \oplus 720V^{(1),(2)} \oplus 720V^{(1),(1,1)} \oplus 468V^{(1),(2,1)} \oplus 468V^{(1),(1,1,1)} \oplus$ $260V^{(1),(2,1,1)} \oplus 260V^{(1),(1,1,1,1)} \oplus 150V^{(1),(2,1,1,1)} \oplus 150V^{(1),(1,1,1,1,1)} \oplus 76V^{(1),(2,1,1,1,1)} \oplus$ $76V^{(1),(1,1,1,1,1,1)} \oplus V^{(1),(2,1,1,1,1,1)} \oplus 720V^{(2),(1)} \oplus 624V^{(2),(2)} \oplus 648V^{(2),(1,1)} \oplus$ $344V^{(2),(2,1)} \oplus 368V^{(2),(1,1,1)} \oplus 168V^{(2),(2,1,1)} \oplus 186V^{(2),(1,1,1,1)} \oplus 62V^{(2),(2,1,1,1)} \oplus$ $72V^{(2),(1,1,1,1,1)} \oplus 2V^{(2),(2,1,1,1,1)} \oplus 2V^{(2),(1,1,1,1,1,1)} \oplus 468V^{(3),(1)} \oplus 344V^{(3),(2)} \oplus$ $368V^{(3),(1,1)} \oplus 184V^{(3),(2,1)} \oplus 206V^{(3),(1,1,1)} \oplus 52V^{(3),(2,1,1)} \oplus 64V^{(3),(1,1,1,1)} \oplus$ $4V^{(3),(2,1,1,1)} \oplus 5V^{(3),(1,1,1,1,1)} \oplus 260V^{(4),(1)} \oplus 168V^{(4),(2)} \oplus 186V^{(4),(1,1)} \oplus 52V^{(4),(2,1)} \oplus$ $64V^{(4),(1,1,1)} \oplus 10V^{(4),(2,1,1)} \oplus 13V^{(4),(1,1,1,1)} \oplus 150V^{(5),(1)} \oplus 62V^{(5),(2)} \oplus 72V^{(5),(1,1)} \oplus$ $4V^{(5),(2,1)} \oplus 7V^{(5),(1,1,1)} \oplus 76V^{(6),(1)} \oplus 2V^{(6),(2)} \oplus 3V^{(6),(1,1)} \oplus V^{(7),(1)}$
k ~~14~~5 : $120V^{(2),(2)} \oplus 120V^{(2),(1,1)} \oplus 120V^{(2),(2,1)} \oplus 120V^{(2),(1,1,1)} \oplus 80V^{(2),(2,1,1)} \oplus 80V^{(2),(1,1,1,1)} \oplus$ $50V^{(2),(2,1,1,1)} \oplus 50V^{(2),(1,1,1,1,1)} \oplus 26V^{(2),(2,1,1,1,1)} \oplus 26V^{(2),(1,1,1,1,1,1)} \oplus V^{(2),(2,1,1,1,1,1)} \oplus$ $120V^{(3),(2)} \oplus 120V^{(3),(1,1)} \oplus 102V^{(3),(2,1)} \oplus 108V^{(3),(1,1,1)} \oplus 60V^{(3),(2,1,1)} \oplus 66V^{(3),(1,1,1,1)} \oplus$

Table 15: Table for $\lambda = (7,)$, $\mu = (1,1,1,1,1,1,1)$:

$k = 14: \quad V^{\varnothing,\varnothing}$
$k = 13: \quad 5777V^{\varnothing,\varnothing} \oplus 6V^{\varnothing,(1)} \oplus 7V^{(1),\varnothing}$
$k = 12: \quad 11250V^{\varnothing,\varnothing} \oplus 2362V^{\varnothing,(1)} \oplus 5V^{\varnothing,(1,1)} \oplus 2362V^{(1),\varnothing} \oplus 874V^{(1),(1)} \oplus 6V^{(2),\varnothing}$
$k = 11: \quad 11748V^{\varnothing,\varnothing} \oplus 4335V^{\varnothing,(1)} \oplus 914V^{\varnothing,(1,1)} \oplus 4V^{\varnothing,(1,1,1)} \oplus 4335V^{(1),\varnothing} \oplus 6964V^{(1),(1)} \oplus 154V^{(1),(1,1)} \oplus 914V^{(2),\varnothing} \oplus 154V^{(2),(1)} \oplus 5V^{(3),\varnothing}$
$k = 10: \quad 9236V^{\varnothing,\varnothing} \oplus 3968V^{\varnothing,(1)} \oplus 1543V^{\varnothing,(1,1)} \oplus 376V^{\varnothing,(1,1,1)} \oplus 3V^{\varnothing,(1,1,1,1)} \oplus 3968V^{(1),\varnothing} \oplus 12980V^{(1),(1)} \oplus 2412V^{(1),(1,1)} \oplus 34V^{(1),(1,1,1)} \oplus 1543V^{(2),\varnothing} \oplus 2412V^{(2),(1)} \oplus 154V^{(2),(1,1)} \oplus 376V^{(3),\varnothing} \oplus 34V^{(3),(1)} \oplus 4V^{(4),\varnothing}$
$k = 9: \quad 4320V^{\varnothing,\varnothing} \oplus 2485V^{\varnothing,(1)} \oplus 1136V^{\varnothing,(1,1)} \oplus 509V^{\varnothing,(1,1,1)} \oplus 182V^{\varnothing,(1,1,1,1)} \oplus 2V^{\varnothing,(1,1,1,1,1)} \oplus 2485V^{(1),\varnothing} \oplus 13064V^{(1),(1)} \oplus 4344V^{(1),(1,1)} \oplus 928V^{(1),(1,1,1)} \oplus 10V^{(1),(1,1,1,1)} \oplus 1136V^{(2),\varnothing} \oplus 4344V^{(2),(1)} \oplus 856V^{(2),(1,1)} \oplus 34V^{(2),(1,1,1)} \oplus 509V^{(3),\varnothing} \oplus 928V^{(3),(1)} \oplus 34V^{(3),(1,1)} \oplus 182V^{(4),\varnothing} \oplus 10V^{(4),(1)} \oplus 3V^{(5),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 726V^{\varnothing,(1)} \oplus 473V^{\varnothing,(1,1)} \oplus 264V^{\varnothing,(1,1,1)} \oplus 153V^{\varnothing,(1,1,1,1)} \oplus 78V^{\varnothing,(1,1,1,1,1)} \oplus V^{\varnothing,(1,1,1,1,1,1)} \oplus 726V^{(1),\varnothing} \oplus 9884V^{(1),(1)} \oplus 3936V^{(1),(1,1)} \oplus 1536V^{(1),(1,1,1)} \oplus 376V^{(1),(1,1,1,1)} \oplus 4V^{(1),(1,1,1,1,1)} \oplus 473V^{(2),\varnothing} \oplus 3936V^{(2),(1)} \oplus 1460V^{(2),(1,1)} \oplus 328V^{(2),(1,1,1)} \oplus 10V^{(2),(1,1,1,1)} \oplus 264V^{(3),\varnothing} \oplus 1536V^{(3),(1)} \oplus 328V^{(3),(1,1)} \oplus 34V^{(3),(1,1,1)} \oplus 153V^{(4),\varnothing} \oplus 376V^{(4),(1)} \oplus 10V^{(4),(1,1)} \oplus 78V^{(5),\varnothing} \oplus 4V^{(5),(1)} \oplus 2V^{(6),\varnothing}$
$k = 7: \quad V^{\varnothing,(1)} \oplus V^{\varnothing,(1,1)} \oplus V^{\varnothing,(1,1,1)} \oplus V^{\varnothing,(1,1,1,1)} \oplus V^{\varnothing,(1,1,1,1,1)} \oplus V^{\varnothing,(1,1,1,1,1,1)} \oplus V^{(1),\varnothing} \oplus 4440V^{(1),(1)} \oplus 2460V^{(1),(1,1)} \oplus 1120V^{(1),(1,1,1)} \oplus 500V^{(1),(1,1,1,1)} \oplus 178V^{(1),(1,1,1,1,1)} \oplus 2V^{(1),(1,1,1,1,1,1)} \oplus V^{(2),\varnothing} \oplus 2460V^{(2),(1)} \oplus 1196V^{(2),(1,1)} \oplus 516V^{(2),(1,1,1)} \oplus 132V^{(2),(1,1,1,1)} \oplus 4V^{(2),(1,1,1,1,1)} \oplus V^{(3),\varnothing} \oplus 1120V^{(3),(1)} \oplus 516V^{(3),(1,1)} \oplus 130V^{(3),(1,1,1)} \oplus 10V^{(3),(1,1,1,1)} \oplus V^{(4),\varnothing} \oplus 500V^{(4),(1)} \oplus 132V^{(4),(1,1)} \oplus 10V^{(4),(1,1,1)} \oplus V^{(5),\varnothing} \oplus 178V^{(5),(1)} \oplus 4V^{(5),(1,1)} \oplus V^{(6),\varnothing} \oplus 2V^{(6),(1)} \oplus V^{(7),\varnothing}$
$k = 6: \quad 720V^{(1),(1)} \oplus 720V^{(1),(1,1)} \oplus 468V^{(1),(1,1,1)} \oplus 260V^{(1),(1,1,1,1)} \oplus 150V^{(1),(1,1,1,1,1)} \oplus 76V^{(1),(1,1,1,1,1,1)} \oplus V^{(1),(1,1,1,1,1,1,1)} \oplus 720V^{(2),(1)} \oplus 624V^{(2),(1,1)} \oplus 344V^{(2),(1,1,1)} \oplus 168V^{(2),(1,1,1,1)} \oplus 62V^{(2),(1,1,1,1,1)} \oplus 2V^{(2),(1,1,1,1,1,1)} \oplus 468V^{(3),(1)} \oplus 344V^{(3),(1,1)} \oplus 184V^{(3),(1,1,1)} \oplus 52V^{(3),(1,1,1,1)} \oplus 4V^{(3),(1,1,1,1,1)} \oplus 260V^{(4),(1)} \oplus 168V^{(4),(1,1)} \oplus 52V^{(4),(1,1,1)} \oplus 10V^{(4),(1,1,1,1)} \oplus 150V^{(5),(1)} \oplus 62V^{(5),(1,1)} \oplus 4V^{(5),(1,1,1)} \oplus 76V^{(6),(1)} \oplus 2V^{(6),(1,1)} \oplus V^{(7),(1)}$
$k = 5:$ $120V^{(2),(1,1)} \oplus 120V^{(2),(1,1,1)} \oplus 80V^{(2),(1,1,1,1)} \oplus 50V^{(2),(1,1,1,1,1)} \oplus 26V^{(2),(1,1,1,1,1,1)} \oplus V^{(2),(1,1,1,1,1,1,1)} \oplus 120V^{(3),(1,1)} \oplus 102V^{(3),(1,1,1)} \oplus 60V^{(3),(1,1,1,1)} \oplus 24V^{(3),(1,1,1,1,1)} \oplus 2V^{(3),(1,1,1,1,1,1)} \oplus 80V^{(4),(1,1)} \oplus 60V^{(4),(1,1,1)} \oplus 22V^{(4),(1,1,1,1)} \oplus 4V^{(4),(1,1,1,1,1)} \oplus 50V^{(5),(1,1)} \oplus 24V^{(5),(1,1,1)} \oplus 4V^{(5),(1,1,1,1)} \oplus 26V^{(6),(1,1)} \oplus 2V^{(6),(1,1,1)} \oplus V^{(7),(1,1)}$
$k = 4: \quad 24V^{(3),(1,1,1)} \oplus 24V^{(3),(1,1,1,1)} \oplus 18V^{(3),(1,1,1,1,1)} \oplus 10V^{(3),(1,1,1,1,1,1)} \oplus V^{(3),(1,1,1,1,1,1,1)} \oplus 24V^{(4),(1,1,1)} \oplus 20V^{(4),(1,1,1,1)} \oplus 10V^{(4),(1,1,1,1,1)} \oplus 2V^{(4),(1,1,1,1,1,1)} \oplus 18V^{(5),(1,1,1)} \oplus 10V^{(5),(1,1,1,1)} \oplus 4V^{(5),(1,1,1,1,1)} \oplus 10V^{(6),(1,1,1)} \oplus 2V^{(6),(1,1,1,1)} \oplus V^{(7),(1,1,1)}$
$k = 3: \quad 6V^{(4),(1,1,1,1)} \oplus 6V^{(4),(1,1,1,1,1)} \oplus 4V^{(4),(1,1,1,1,1,1)} \oplus V^{(4),(1,1,1,1,1,1,1)} \oplus 6V^{(5),(1,1,1,1)} \oplus 5V^{(5),(1,1,1,1,1)} \oplus 2V^{(5),(1,1,1,1,1,1)} \oplus 4V^{(6),(1,1,1,1)} \oplus 2V^{(6),(1,1,1,1,1)} \oplus V^{(7),(1,1,1,1)}$
$k = 2: \quad 2V^{(5),(1,1,1,1,1)} \oplus 2V^{(5),(1,1,1,1,1,1)} \oplus V^{(5),(1,1,1,1,1,1,1)} \oplus 2V^{(6),(1,1,1,1,1)} \oplus 2V^{(6),(1,1,1,1,1,1)} \oplus V^{(7),(1,1,1,1,1)}$
$k = 1: \quad V^{(6),(1,1,1,1,1,1)} \oplus V^{(6),(1,1,1,1,1,1,1)} \oplus V^{(7),(1,1,1,1,1,1)}$
$k = 0: \quad V^{(7),(1,1,1,1,1,1,1)}$

Table 16: Table for $\lambda = (6,1)$, $\mu = (7,)$:

$k = 14: \quad 6V^{\varnothing,\varnothing}$
$k = 13: \quad 6579V^{\varnothing,\varnothing} \oplus 61V^{\varnothing,(1)} \oplus 11V^{(1),\varnothing}$
$k = 12:$ $12688V^{\varnothing,\varnothing} \oplus 3266V^{\varnothing,(1)} \oplus 35V^{\varnothing,(2)} \oplus 4648V^{(1),\varnothing} \oplus 1027V^{(1),(1)} \oplus 9V^{(2),\varnothing} \oplus 5V^{(1,1),\varnothing}$
$k = 11: \quad 12944V^{\varnothing,\varnothing} \oplus 5880V^{\varnothing,(1)} \oplus 1264V^{\varnothing,(2)} \oplus 18V^{\varnothing,(3)} \oplus 8595V^{(1),\varnothing} \oplus 8152V^{(1),(1)} \oplus 307V^{(1),(2)} \oplus 1802V^{(2),\varnothing} \oplus 187V^{(2),(1)} \oplus 914V^{(1,1),\varnothing} \oplus 154V^{(1,1),(1)} \oplus 7V^{(3),\varnothing} \oplus 4V^{(2,1),\varnothing}$
$k = 10: \quad 9866V^{\varnothing,\varnothing} \oplus 5108V^{\varnothing,(1)} \oplus 2040V^{\varnothing,(2)} \oplus 518V^{\varnothing,(3)} \oplus 8V^{\varnothing,(4)} \oplus 7880V^{(1),\varnothing} \oplus 14710V^{(1),(1)} \oplus 2848V^{(1),(2)} \oplus 67V^{(1),(3)} \oplus 3061V^{(2),\varnothing} \oplus 2848V^{(2),(1)} \oplus 187V^{(2),(2)} \oplus 1543V^{(1,1),\varnothing} \oplus 2412V^{(1,1),(1)} \oplus 154V^{(1,1),(2)} \oplus 742V^{(3),\varnothing} \oplus 43V^{(3),(1)} \oplus 376V^{(2,1),\varnothing} \oplus 34V^{(2,1),(1)} \oplus 5V^{(4),\varnothing} \oplus 3V^{(3,1),\varnothing}$
$k = 9: \quad 4446V^{\varnothing,\varnothing} \oplus 3060V^{\varnothing,(1)} \oplus 1440V^{\varnothing,(2)} \oplus 658V^{\varnothing,(3)} \oplus 228V^{\varnothing,(4)} \oplus 3V^{\varnothing,(5)} \oplus 4945V^{(1),\varnothing} \oplus 14380V^{(1),(1)} \oplus 4938V^{(1),(2)} \oplus 1096V^{(1),(3)} \oplus 19V^{(1),(4)} \oplus 2256V^{(2),\varnothing} \oplus 4938V^{(2),(1)} \oplus 1036V^{(2),(2)} \oplus 67V^{(2),(3)} \oplus 1136V^{(1,1),\varnothing} \oplus 4344V^{(1,1),(1)} \oplus 856V^{(1,1),(2)} \oplus 34V^{(1,1),(3)} \oplus 1009V^{(3),\varnothing} \oplus 1096V^{(3),(1)} \oplus 43V^{(3),(2)} \oplus 509V^{(2,1),\varnothing} \oplus 928V^{(2,1),(1)} \oplus 34V^{(2,1),(2)} \oplus 360V^{(4),\varnothing} \oplus 13V^{(4),(1)} \oplus 182V^{(3,1),\varnothing} \oplus 10V^{(3,1),(1)} \oplus 3V^{(5),\varnothing} \oplus 2V^{(4,1),\varnothing}$
$k = 8: \quad 726V^{\varnothing,\varnothing} \oplus 900V^{\varnothing,(1)} \oplus 588V^{\varnothing,(2)} \oplus 332V^{\varnothing,(3)} \oplus 186V^{\varnothing,(4)} \oplus 88V^{\varnothing,(5)} \oplus V^{\varnothing,(6)} \oplus 1446V^{(1),\varnothing} \oplus 10532V^{(1),(1)} \oplus 4304V^{(1),(2)} \oplus 1722V^{(1),(3)} \oplus 448V^{(1),(4)} \oplus 7V^{(1),(5)} \oplus 941V^{(2),\varnothing} \oplus 4304V^{(2),(1)} \oplus 1670V^{(2),(2)} \oplus 396V^{(2),(3)} \oplus 19V^{(2),(4)} \oplus 473V^{(1,1),\varnothing} \oplus 3936V^{(1,1),(1)} \oplus 1460V^{(1,1),(2)} \oplus 328V^{(1,1),(3)} \oplus 10V^{(1,1),(4)} \oplus 524V^{(3),\varnothing} \oplus 1722V^{(3),(1)} \oplus 396V^{(3),(2)} \oplus 43V^{(3),(3)} \oplus 264V^{(2,1),\varnothing} \oplus 1536V^{(2,1),(1)} \oplus 328V^{(2,1),(2)} \oplus 34V^{(2,1),(3)} \oplus 303V^{(4),\varnothing} \oplus 448V^{(4),(1)} \oplus 13V^{(4),(2)} \oplus 153V^{(3,1),\varnothing} \oplus 376V^{(3,1),(1)} \oplus 10V^{(3,1),(2)} \oplus 154V^{(5),\varnothing} \oplus 5V^{(5),(1)} \oplus 78V^{(4,1),\varnothing} \oplus 4V^{(4,1),(1)} \oplus V^{(6),\varnothing} \oplus V^{(5,1),\varnothing}$
$k = 7: \quad 36V^{\varnothing,(1)} \oplus 30V^{\varnothing,(2)} \oplus 24V^{\varnothing,(3)} \oplus 18V^{\varnothing,(4)} \oplus 12V^{\varnothing,(5)} \oplus 6V^{\varnothing,(6)} \oplus V^{(1),\varnothing} \oplus 4560V^{(1),(1)} \oplus 2580V^{(1),(2)} \oplus 1200V^{(1),(3)} \oplus 550V^{(1),(4)} \oplus 204V^{(1),(5)} \oplus 3V^{(1),(6)} \oplus V^{(2),\varnothing} \oplus 2580V^{(2),(1)} \oplus 1304V^{(2),(2)} \oplus 582V^{(2),(3)} \oplus 160V^{(2),(4)} \oplus 7V^{(2),(5)} \oplus V^{(1,1),\varnothing} \oplus 2460V^{(1,1),(1)} \oplus 1196V^{(1,1),(2)} \oplus 516V^{(1,1),(3)} \oplus 132V^{(1,1),(4)} \oplus 4V^{(1,1),(5)} \oplus V^{(3),\varnothing} \oplus 1200V^{(3),(1)} \oplus 582V^{(3),(2)} \oplus 160V^{(3),(3)} \oplus 19V^{(3),(4)} \oplus V^{(2,1),\varnothing} \oplus 1120V^{(2,1),(1)} \oplus 516V^{(2,1),(2)} \oplus 130V^{(2,1),(3)} \oplus 10V^{(2,1),(4)} \oplus V^{(4),\varnothing} \oplus 550V^{(4),(1)} \oplus 160V^{(4),(2)} \oplus 13V^{(4),(3)} \oplus V^{(3,1),\varnothing} \oplus 500V^{(3,1),(1)} \oplus 132V^{(3,1),(2)} \oplus 10V^{(3,1),(3)} \oplus V^{(5),\varnothing} \oplus 204V^{(5),(1)} \oplus 5V^{(5),(2)} \oplus V^{(4,1),\varnothing} \oplus 178V^{(4,1),(1)} \oplus 4V^{(4,1),(2)} \oplus V^{(6),\varnothing} \oplus 2V^{(6),(1)} \oplus V^{(5,1),\varnothing} \oplus 2V^{(5,1),(1)}$
$k = 6: \quad 720V^{(1),(1)} \oplus 720V^{(1),(2)} \oplus 468V^{(1),(3)} \oplus 260V^{(1),(4)} \oplus 150V^{(1),(5)} \oplus 76V^{(1),(6)} \oplus V^{(1),(7)} \oplus 720V^{(2),(1)} \oplus 648V^{(2),(2)} \oplus 368V^{(2),(3)} \oplus 186V^{(2),(4)} \oplus 72V^{(2),(5)} \oplus 3V^{(2),(6)} \oplus 720V^{(1,1),(1)} \oplus 624V^{(1,1),(2)} \oplus 344V^{(1,1),(3)} \oplus 168V^{(1,1),(4)} \oplus 62V^{(1,1),(5)} \oplus 2V^{(1,1),(6)} \oplus 468V^{(3),(1)} \oplus 368V^{(3),(2)} \oplus 206V^{(3),(3)} \oplus 64V^{(3),(4)} \oplus 7V^{(3),(5)} \oplus 468V^{(2,1),(1)} \oplus 344V^{(2,1),(2)} \oplus 184V^{(2,1),(3)} \oplus 52V^{(2,1),(4)} \oplus 4V^{(2,1),(5)} \oplus 260V^{(4),(1)} \oplus 186V^{(4),(2)} \oplus 64V^{(4),(3)} \oplus 13V^{(4),(4)} \oplus 260V^{(3,1),(1)} \oplus 168V^{(3,1),(2)} \oplus 52V^{(3,1),(3)} \oplus 10V^{(3,1),(4)} \oplus 150V^{(5),(1)} \oplus 72V^{(5),(2)} \oplus 5V^{(5),(3)} \oplus 150V^{(4,1),(1)} \oplus 62V^{(4,1),(2)} \oplus 4V^{(4,1),(3)} \oplus 76V^{(6),(1)} \oplus 2V^{(6),(2)} \oplus 76V^{(5,1),(1)} \oplus 2V^{(5,1),(2)} \oplus V^{(6,1),(1)}$
$k = 5:$ $120V^{(2),(2)} \oplus 120V^{(2),(3)} \oplus 80V^{(2),(4)} \oplus 50V^{(2),(5)} \oplus 26V^{(2),(6)} \oplus V^{(2),(7)} \oplus 120V^{(1,1),(2)} \oplus 120V^{(1,1),(3)} \oplus 80V^{(1,1),(4)} \oplus 50V^{(1,1),(5)} \oplus 26V^{(1,1),(6)} \oplus V^{(1,1),(7)} \oplus 120V^{(3),(2)} \oplus 108V^{(3),(3)} \oplus 66V^{(3),(4)} \oplus 28V^{(3),(5)} \oplus 3V^{(3),(6)} \oplus 120V^{(2,1),(2)} \oplus 102V^{(2,1),(3)} \oplus 60V^{(2,1),(4)} \oplus 24V^{(2,1),(5)} \oplus 2V^{(2,1),(6)} \oplus 80V^{(4),(2)} \oplus 66V^{(4),(3)} \oplus 28V^{(4),(4)} \oplus 7V^{(4),(5)} \oplus 80V^{(3,1),(2)} \oplus 60V^{(3,1),(3)} \oplus 22V^{(3,1),(4)} \oplus 4V^{(3,1),(5)} \oplus 50V^{(5),(2)} \oplus 28V^{(5),(3)} \oplus 5V^{(5),(4)} \oplus 50V^{(4,1),(2)} \oplus 24V^{(4,1),(3)} \oplus 4V^{(4,1),(4)} \oplus 26V^{(6),(2)} \oplus 2V^{(6),(3)} \oplus 26V^{(5,1),(2)} \oplus 2V^{(5,1),(3)} \oplus V^{(6,1),(2)}$

Table 17: Table for $\lambda = (6,1)$, $\mu = (6,1)$:

$k = 14: \quad 97V^{\varnothing,\varnothing}$
$k = 13: \quad 7918V^{\varnothing,\varnothing} \oplus 96V^{\varnothing,(1)} \oplus 96V^{(1),\varnothing}$
$k = 12: \quad 14846V^{\varnothing,\varnothing} \oplus 6076V^{\varnothing,(1)} \oplus 53V^{\varnothing,(2)} \oplus 35V^{\varnothing,(1,1)} \oplus 6076V^{(1),\varnothing} \oplus 1333V^{(1),(1)} \oplus 53V^{(2),\varnothing} \oplus 35V^{(1,1),\varnothing}$
$k = 11: \quad 14536V^{\varnothing,\varnothing} \oplus 10860V^{\varnothing,(1)} \oplus 2372V^{\varnothing,(2)} \oplus 1264V^{\varnothing,(1,1)} \oplus 26V^{\varnothing,(3)} \oplus 18V^{\varnothing,(2,1)} \oplus 10860V^{(1),\varnothing} \oplus 10528V^{(1),(1)} \oplus 373V^{(1),(2)} \oplus 307V^{(1),(1,1)} \oplus 2372V^{(2),\varnothing} \oplus 373V^{(2),(1)} \oplus 1264V^{(1,1),\varnothing} \oplus 307V^{(1,1),(1)} \oplus 26V^{(3),\varnothing} \oplus 18V^{(2,1),\varnothing}$
$k = 10: \quad 10628V^{\varnothing,\varnothing} \oplus 9436V^{\varnothing,(1)} \oplus 3780V^{\varnothing,(2)} \oplus 2040V^{\varnothing,(1,1)} \oplus 976V^{\varnothing,(3)} \oplus 518V^{\varnothing,(2,1)} \oplus 11V^{\varnothing,(4)} \oplus 8V^{\varnothing,(3,1)} \oplus 9436V^{(1),\varnothing} \oplus 18170V^{(1),(1)} \oplus 3720V^{(1),(2)} \oplus 2848V^{(1),(1,1)} \oplus 85V^{(1),(3)} \oplus 67V^{(1),(2,1)} \oplus 3780V^{(2),\varnothing} \oplus 3720V^{(2),(1)} \oplus 253V^{(2),(2)} \oplus 187V^{(2),(1,1)} \oplus 2040V^{(1,1),\varnothing} \oplus 2848V^{(1,1),(1)} \oplus 187V^{(1,1),(2)} \oplus 154V^{(1,1),(1,1)} \oplus 976V^{(3),\varnothing} \oplus 85V^{(3),(1)} \oplus 518V^{(2,1),\varnothing} \oplus 67V^{(2,1),(1)} \oplus 11V^{(4),\varnothing} \oplus 8V^{(3,1),\varnothing}$
$k = 9: \quad 4632V^{\varnothing,\varnothing} \oplus 5640V^{\varnothing,(1)} \oplus 2640V^{\varnothing,(2)} \oplus 1440V^{\varnothing,(1,1)} \oplus 1208V^{\varnothing,(3)} \oplus 658V^{\varnothing,(2,1)} \oplus 432V^{\varnothing,(4)} \oplus 228V^{\varnothing,(3,1)} \oplus 4V^{\varnothing,(5)} \oplus 3V^{\varnothing,(4,1)} \oplus 5640V^{(1),\varnothing} \oplus 17012V^{(1),(1)} \oplus 6126V^{(1),(2)} \oplus 4938V^{(1),(1,1)} \oplus 1432V^{(1),(3)} \oplus 1096V^{(1),(2,1)} \oplus 25V^{(1),(4)} \oplus 19V^{(1),(3,1)} \oplus 2640V^{(2),\varnothing} \oplus 6126V^{(2),(1)} \oplus 1396V^{(2),(2)} \oplus 1036V^{(2),(1,1)} \oplus 85V^{(2),(3)} \oplus 67V^{(2),(2,1)} \oplus 1440V^{(1,1),\varnothing} \oplus 4938V^{(1,1),(1)} \oplus 1036V^{(1,1),(2)} \oplus 856V^{(1,1),(1,1)} \oplus 43V^{(1,1),(3)} \oplus 34V^{(1,1),(2,1)} \oplus 1208V^{(3),\varnothing} \oplus 1432V^{(3),(1)} \oplus 85V^{(3),(2)} \oplus 43V^{(3),(1,1)} \oplus 658V^{(2,1),\varnothing} \oplus 1096V^{(2,1),(1)} \oplus 67V^{(2,1),(2)} \oplus 34V^{(2,1),(1,1)} \oplus 432V^{(4),\varnothing} \oplus 25V^{(4),(1)} \oplus 228V^{(3,1),\varnothing} \oplus 19V^{(3,1),(1)} \oplus 4V^{(5),\varnothing} \oplus 3V^{(4,1),\varnothing}$
$k = 8:$ $792V^{\varnothing,\varnothing} \oplus 1620V^{\varnothing,(1)} \oplus 1056V^{\varnothing,(2)} \oplus 588V^{\varnothing,(1,1)} \oplus 592V^{\varnothing,(3)} \oplus 332V^{\varnothing,(2,1)} \oplus 336V^{\varnothing,(4)} \oplus 186V^{\varnothing,(3,1)} \oplus 164V^{\varnothing,(5)} \oplus 88V^{\varnothing,(4,1)} \oplus V^{\varnothing,(6)} \oplus V^{\varnothing,(5,1)} \oplus 1620V^{(1),\varnothing} \oplus 11828V^{(1),(1)} \oplus 5040V^{(1),(2)} \oplus 4304V^{(1),(1,1)} \oplus 2094V^{(1),(3)} \oplus 1722V^{(1),(2,1)} \oplus 592V^{(1),(4)} \oplus 448V^{(1),(3,1)} \oplus 9V^{(1),(5)} \oplus 7V^{(1),(4,1)} \oplus 1056V^{(2),\varnothing} \oplus 5040V^{(2),(1)} \oplus 2090V^{(2),(2)} \oplus 1670V^{(2),(1,1)} \oplus 532V^{(2),(3)} \oplus 396V^{(2),(2,1)} \oplus 25V^{(2),(4)} \oplus 19V^{(2),(3,1)} \oplus 588V^{(1,1),\varnothing} \oplus 4304V^{(1,1),(1)} \oplus 1670V^{(1,1),(2)} \oplus 1460V^{(1,1),(1,1)} \oplus 396V^{(1,1),(3)} \oplus 328V^{(1,1),(2,1)} \oplus 13V^{(1,1),(4)} \oplus 10V^{(1,1),(3,1)} \oplus 592V^{(3),\varnothing} \oplus 2094V^{(3),(1)} \oplus 532V^{(3),(2)} \oplus 396V^{(3),(1,1)} \oplus 61V^{(3),(3)} \oplus 43V^{(3),(2,1)} \oplus 332V^{(2,1),\varnothing} \oplus 1722V^{(2,1),(1)} \oplus 396V^{(2,1),(2)} \oplus 328V^{(2,1),(1,1)} \oplus 43V^{(2,1),(3)} \oplus 34V^{(2,1),(2,1)} \oplus 336V^{(4),\varnothing} \oplus 592V^{(4),(1)} \oplus 25V^{(4),(2)} \oplus 13V^{(4),(1,1)} \oplus 186V^{(3,1),\varnothing} \oplus 448V^{(3,1),(1)} \oplus 19V^{(3,1),(2)} \oplus 10V^{(3,1),(1,1)} \oplus 164V^{(5),\varnothing} \oplus 9V^{(5),(1)} \oplus 88V^{(4,1),\varnothing} \oplus 7V^{(4,1),(1)} \oplus V^{(6),\varnothing} \oplus V^{(5,1),\varnothing}$
$k = 7: \quad 36V^{\varnothing,\varnothing} \oplus 36V^{\varnothing,(1)} \oplus 30V^{\varnothing,(2)} \oplus 30V^{\varnothing,(1,1)} \oplus 24V^{\varnothing,(3)} \oplus 24V^{\varnothing,(2,1)} \oplus 18V^{\varnothing,(4)} \oplus 18V^{\varnothing,(3,1)} \oplus 12V^{\varnothing,(5)} \oplus 12V^{\varnothing,(4,1)} \oplus 6V^{\varnothing,(6)} \oplus 6V^{\varnothing,(5,1)} \oplus 36V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2580V^{(1),(1,1)} \oplus 1360V^{(1),(3)} \oplus 1200V^{(1),(2,1)} \oplus 650V^{(1),(4)} \oplus 550V^{(1),(3,1)} \oplus 256V^{(1),(5)} \oplus 204V^{(1),(4,1)} \oplus 3V^{(1),(6)} \oplus 3V^{(1),(5,1)} \oplus 30V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1520V^{(2),(2)} \oplus 1304V^{(2),(1,1)} \oplus 714V^{(2),(3)} \oplus 582V^{(2),(2,1)} \oplus 216V^{(2),(4)} \oplus 160V^{(2),(3,1)} \oplus 9V^{(2),(5)} \oplus 7V^{(2),(4,1)} \oplus 30V^{(1,1),\varnothing} \oplus 2580V^{(1,1),(1)} \oplus 1304V^{(1,1),(2)} \oplus 1196V^{(1,1),(1,1)} \oplus 582V^{(1,1),(3)} \oplus 516V^{(1,1),(2,1)} \oplus 160V^{(1,1),(4)} \oplus 132V^{(1,1),(3,1)} \oplus 5V^{(1,1),(5)} \oplus 4V^{(1,1),(4,1)} \oplus 24V^{(3),\varnothing} \oplus 1360V^{(3),(1)} \oplus 714V^{(3),(2)} \oplus 582V^{(3),(1,1)} \oplus 220V^{(3),(3)} \oplus 160V^{(3),(2,1)} \oplus 25V^{(3),(4)} \oplus 19V^{(3),(3,1)} \oplus 24V^{(2,1),\varnothing} \oplus 1200V^{(2,1),(1)} \oplus 582V^{(2,1),(2)} \oplus 516V^{(2,1),(1,1)} \oplus 160V^{(2,1),(3)} \oplus 130V^{(2,1),(2,1)} \oplus 13V^{(2,1),(4)} \oplus 10V^{(2,1),(3,1)} \oplus 18V^{(4),\varnothing} \oplus 650V^{(4),(1)} \oplus 216V^{(4),(2)} \oplus 160V^{(4),(1,1)} \oplus 25V^{(4),(3)} \oplus 13V^{(4),(2,1)} \oplus 18V^{(3,1),\varnothing} \oplus 550V^{(3,1),(1)} \oplus 160V^{(3,1),(2)} \oplus 132V^{(3,1),(1,1)} \oplus 19V^{(3,1),(3)} \oplus 10V^{(3,1),(2,1)} \oplus 12V^{(5),\varnothing} \oplus 256V^{(5),(1)} \oplus 9V^{(5),(2)} \oplus 5V^{(5),(1,1)} \oplus 12V^{(4,1),\varnothing} \oplus 204V^{(4,1),(1)} \oplus 7V^{(4,1),(2)} \oplus 4V^{(4,1),(1,1)} \oplus 6V^{(6),\varnothing} \oplus 3V^{(6),(1)} \oplus 6V^{(5,1),\varnothing} \oplus 3V^{(5,1),(1)}$
$k = 6: \quad 720V^{(1),(1)} \oplus 720V^{(1),(2)} \oplus 720V^{(1),(1,1)} \oplus 468V^{(1),(3)} \oplus 468V^{(1),(2,1)} \oplus 260V^{(1),(4)} \oplus 260V^{(1),(3,1)} \oplus 150V^{(1),(5)} \oplus 150V^{(1),(4,1)} \oplus 76V^{(1),(6)} \oplus 76V^{(1),(5,1)} \oplus V^{(1),(6,1)} \oplus$

Table 18: Table for $\lambda = (6,1)$, $\mu = (5,2)$:

$k = 14: \quad 60V^{\varnothing,\varnothing}$
$k = 13: \quad 7965V^{\varnothing,\varnothing} \oplus 111V^{\varnothing,(1)} \oplus 234V^{(1),\varnothing}$
$k = 12: \quad 14942V^{\varnothing,\varnothing} \oplus 6356V^{\varnothing,(1)} \oplus 60V^{\varnothing,(2)} \oplus 52V^{\varnothing,(1,1)} \oplus 6848V^{(1),\varnothing} \oplus 1393V^{(1),(1)} \oplus 86V^{(2),\varnothing} \oplus 64V^{(1,1),\varnothing}$
$k = 11: \quad 14632V^{\varnothing,\varnothing} \oplus 11190V^{\varnothing,(1)} \oplus 2680V^{\varnothing,(2)} \oplus 1612V^{\varnothing,(1,1)} \oplus 28V^{\varnothing,(3)} \oplus 26V^{\varnothing,(2,1)} \oplus 12108V^{(1),\varnothing} \oplus 10912V^{(1),(1)} \oplus 389V^{(1),(2)} \oplus 371V^{(1),(1,1)} \oplus 2612V^{(2),\varnothing} \oplus 433V^{(2),(1)} \oplus 1488V^{(1,1),\varnothing} \oplus 337V^{(1,1),(1)} \oplus 30V^{(3),\varnothing} \oplus 22V^{(2,1),\varnothing}$
$k = 10: \quad 10724V^{\varnothing,\varnothing} \oplus 9556V^{\varnothing,(1)} \oplus 4170V^{\varnothing,(2)} \oplus 2430V^{\varnothing,(1,1)} \oplus 1080V^{\varnothing,(3)} \oplus 976V^{\varnothing,(2,1)} \oplus 11V^{\varnothing,(4)} \oplus 11V^{\varnothing,(3,1)} \oplus 8V^{\varnothing,(2,2)} \oplus 10476V^{(1),\varnothing} \oplus 18482V^{(1),(1)} \oplus 3976V^{(1),(2)} \oplus 3200V^{(1),(1,1)} \oplus 89V^{(1),(3)} \oplus 85V^{(1),(2,1)} \oplus 4180V^{(2),\varnothing} \oplus 3912V^{(2),(1)} \oplus 269V^{(2),(2)} \oplus 251V^{(2),(1,1)} \oplus 2440V^{(1,1),\varnothing} \oplus 2944V^{(1,1),(1)} \oplus 195V^{(1,1),(2)} \oplus 186V^{(1,1),(1,1)} \oplus 1056V^{(3),\varnothing} \oplus 121V^{(3),(1)} \oplus 598V^{(2,1),\varnothing} \oplus 97V^{(2,1),(1)} \oplus 11V^{(4),\varnothing} \oplus 8V^{(3,1),\varnothing}$
$k = 9: \quad 4728V^{\varnothing,\varnothing} \oplus 5640V^{\varnothing,(1)} \oplus 2800V^{\varnothing,(2)} \oplus 1600V^{\varnothing,(1,1)} \oplus 1308V^{\varnothing,(3)} \oplus 1208V^{\varnothing,(2,1)} \oplus 432V^{\varnothing,(4)} \oplus 432V^{\varnothing,(3,1)} \oplus 228V^{\varnothing,(2,2)} \oplus 3V^{\varnothing,(5)} \oplus 4V^{\varnothing,(4,1)} \oplus 3V^{\varnothing,(3,2)} \oplus 6896V^{(1),\varnothing} \oplus 17084V^{(1),(1)} \oplus 6414V^{(1),(2)} \oplus 5226V^{(1),(1,1)} \oplus 1512V^{(1),(3)} \oplus 1432V^{(1),(2,1)} \oplus 25V^{(1),(4)} \oplus 25V^{(1),(3,1)} \oplus 19V^{(1),(2,2)} \oplus 2960V^{(2),\varnothing} \oplus 6198V^{(2),(1)} \oplus 1508V^{(2),(2)} \oplus 1196V^{(2),(1,1)} \oplus 89V^{(2),(3)} \oplus 85V^{(2),(2,1)} \oplus 1760V^{(1,1),\varnothing} \oplus 4974V^{(1,1),(1)} \oplus 1092V^{(1,1),(2)} \oplus 936V^{(1,1),(1,1)} \oplus 45V^{(1,1),(3)} \oplus 43V^{(1,1),(2,1)} \oplus 1352V^{(3),\varnothing} \oplus 1480V^{(3),(1)} \oplus 101V^{(3),(2)} \oplus 83V^{(3),(1,1)} \oplus 802V^{(2,1),\varnothing} \oplus 1120V^{(2,1),(1)} \oplus 75V^{(2,1),(2)} \oplus 66V^{(2,1),(1,1)} \oplus 464V^{(4),\varnothing} \oplus 31V^{(4),(1)} \oplus 260V^{(3,1),\varnothing} \oplus 25V^{(3,1),(1)} \oplus 4V^{(5),\varnothing} \oplus 3V^{(4,1),\varnothing}$
$k = 8:$ $804V^{\varnothing,\varnothing} \oplus 1620V^{\varnothing,(1)} \oplus 1056V^{\varnothing,(2)} \oplus 588V^{\varnothing,(1,1)} \oplus 592V^{\varnothing,(3)} \oplus 592V^{\varnothing,(2,1)} \oplus 336V^{\varnothing,(4)} \oplus 336V^{\varnothing,(3,1)} \oplus 186V^{\varnothing,(2,2)} \oplus 88V^{\varnothing,(5)} \oplus 164V^{\varnothing,(4,1)} \oplus 88V^{\varnothing,(3,2)} \oplus V^{\varnothing,(5,1)} \oplus V^{\varnothing,(4,2)} \oplus 2280V^{(1),\varnothing} \oplus 11828V^{(1),(1)} \oplus 5136V^{(1),(2)} \oplus 4400V^{(1),(1,1)} \oplus 2166V^{(1),(3)} \oplus 2094V^{(1),(2,1)} \oplus 592V^{(1),(4)} \oplus 592V^{(1),(3,1)} \oplus 448V^{(1),(2,2)} \oplus 7V^{(1),(5)} \oplus 9V^{(1),(4,1)} \oplus 7V^{(1),(3,2)} \oplus 1356V^{(2),\varnothing} \oplus 5040V^{(2),(1)} \oplus 2186V^{(2),(2)} \oplus 1766V^{(2),(1,1)} \oplus 564V^{(2),(3)} \oplus 532V^{(2),(2,1)} \oplus 25V^{(2),(4)} \oplus 25V^{(2),(3,1)} \oplus 19V^{(2),(2,2)} \oplus 888V^{(1,1),\varnothing} \oplus 4304V^{(1,1),(1)} \oplus 1718V^{(1,1),(2)} \oplus 1508V^{(1,1),(1,1)} \oplus 412V^{(1,1),(3)} \oplus 396V^{(1,1),(2,1)} \oplus 13V^{(1,1),(4)} \oplus 13V^{(1,1),(3,1)} \oplus 10V^{(1,1),(2,2)} \oplus 688V^{(3),\varnothing} \oplus 2094V^{(3),(1)} \oplus 588V^{(3),(2)} \oplus 452V^{(3),(1,1)} \oplus 65V^{(3),(3)} \oplus 61V^{(3),(2,1)} \oplus 428V^{(2,1),\varnothing} \oplus 1722V^{(2,1),(1)} \oplus 424V^{(2,1),(2)} \oplus 356V^{(2,1),(1,1)} \oplus 45V^{(2,1),(3)} \oplus 43V^{(2,1),(2,1)} \oplus 384V^{(4),\varnothing} \oplus 592V^{(4),(1)} \oplus 35V^{(4),(2)} \oplus 23V^{(4),(1,1)} \oplus 234V^{(3,1),\varnothing} \oplus 448V^{(3,1),(1)} \oplus 27V^{(3,1),(2)} \oplus 18V^{(3,1),(1,1)} \oplus 180V^{(5),\varnothing} \oplus 9V^{(5),(1)} \oplus 104V^{(4,1),\varnothing} \oplus 7V^{(4,1),(1)} \oplus V^{(6),\varnothing} \oplus V^{(5,1),\varnothing}$
$k = 7: \quad 36V^{\varnothing,(1)} \oplus 30V^{\varnothing,(2)} \oplus 30V^{\varnothing,(1,1)} \oplus 24V^{\varnothing,(3)} \oplus 24V^{\varnothing,(2,1)} \oplus 18V^{\varnothing,(4)} \oplus 18V^{\varnothing,(3,1)} \oplus 18V^{\varnothing,(2,2)} \oplus 12V^{\varnothing,(5)} \oplus 12V^{\varnothing,(4,1)} \oplus 12V^{\varnothing,(3,2)} \oplus 6V^{\varnothing,(5,1)} \oplus 6V^{\varnothing,(4,2)} \oplus 196V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2580V^{(1),(1,1)} \oplus 1360V^{(1),(3)} \oplus 1360V^{(1),(2,1)} \oplus 650V^{(1),(4)} \oplus 650V^{(1),(3,1)} \oplus 550V^{(1),(2,2)} \oplus 204V^{(1),(5)} \oplus 256V^{(1),(4,1)} \oplus 204V^{(1),(3,2)} \oplus 3V^{(1),(5,1)} \oplus 3V^{(1),(4,2)} \oplus 140V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1544V^{(2),(2)} \oplus 1328V^{(2),(1,1)} \oplus 738V^{(2),(3)} \oplus 714V^{(2),(2,1)} \oplus 216V^{(2),(4)} \oplus 216V^{(2),(3,1)} \oplus 160V^{(2),(2,2)} \oplus 7V^{(2),(5)} \oplus 9V^{(2),(4,1)} \oplus 7V^{(2),(3,2)} \oplus 140V^{(1,1),\varnothing} \oplus 2580V^{(1,1),(1)} \oplus 1316V^{(1,1),(2)} \oplus 1208V^{(1,1),(1,1)} \oplus 594V^{(1,1),(3)} \oplus 582V^{(1,1),(2,1)} \oplus 160V^{(1,1),(4)} \oplus 160V^{(1,1),(3,1)} \oplus 132V^{(1,1),(2,2)} \oplus 4V^{(1,1),(5)} \oplus 5V^{(1,1),(4,1)} \oplus 4V^{(1,1),(3,2)} \oplus 84V^{(3),\varnothing} \oplus 1360V^{(3),(1)} \oplus 738V^{(3),(2)} \oplus 606V^{(3),(1,1)} \oplus 236V^{(3),(3)} \oplus 220V^{(3),(2,1)} \oplus 25V^{(3),(4)} \oplus 25V^{(3),(3,1)} \oplus 19V^{(3),(2,2)} \oplus 84V^{(2,1),\varnothing} \oplus 1200V^{(2,1),(1)} \oplus 594V^{(2,1),(2)} \oplus 528V^{(2,1),(1,1)} \oplus 168V^{(2,1),(3)} \oplus 160V^{(2,1),(2,1)} \oplus 13V^{(2,1),(4)} \oplus 13V^{(2,1),(3,1)} \oplus 10V^{(2,1),(2,2)} \oplus 42V^{(4),\varnothing} \oplus 650V^{(4),(1)} \oplus 232V^{(4),(2)} \oplus 176V^{(4),(1,1)} \oplus 29V^{(4),(3)} \oplus 25V^{(4),(2,1)} \oplus 42V^{(3,1),\varnothing} \oplus 550V^{(3,1),(1)} \oplus 168V^{(3,1),(2)} \oplus 140V^{(3,1),(1,1)} \oplus 21V^{(3,1),(3)} \oplus 19V^{(3,1),(2,1)} \oplus 28V^{(5),\varnothing} \oplus 256V^{(5),(1)} \oplus 11V^{(5),(2)} \oplus 7V^{(5),(1,1)} \oplus 28V^{(4,1),\varnothing} \oplus 204V^{(4,1),(1)} \oplus 9V^{(4,1),(2)} \oplus 6V^{(4,1),(1,1)} \oplus 14V^{(6),\varnothing} \oplus 3V^{(6),(1)} \oplus 14V^{(5,1),\varnothing} \oplus 3V^{(5,1),(1)}$

Table 19: Table for $\lambda = (6,1)$, $\mu = (5,1,1)$:

$k = 14: \quad 60V^{\varnothing,\varnothing}$
$k = 13: \quad 7971V^{\varnothing,\varnothing} \oplus 113V^{\varnothing,(1)} \oplus 287V^{(1),\varnothing}$
$k = 12: \quad 14954V^{\varnothing,\varnothing} \oplus 6876V^{\varnothing,(1)} \oplus 60V^{\varnothing,(2)} \oplus 53V^{\varnothing,(1,1)} \oplus 7128V^{(1),\varnothing} \oplus 1397V^{(1),(1)} \oplus 109V^{(2),\varnothing} \oplus 81V^{(1,1),\varnothing}$
$k = 11: \quad 14644V^{\varnothing,\varnothing} \oplus 12090V^{\varnothing,(1)} \oplus 2680V^{\varnothing,(2)} \oplus 2372V^{\varnothing,(1,1)} \oplus 28V^{\varnothing,(3)} \oplus 26V^{\varnothing,(2,1)} \oplus 18V^{\varnothing,(1,1,1)} \oplus 12426V^{(1),\varnothing} \oplus 11312V^{(1),(1)} \oplus 389V^{(1),(2)} \oplus 373V^{(1),(1,1)} \oplus 2718V^{(2),\varnothing} \oplus 437V^{(2),(1)} \oplus 1554V^{(1,1),\varnothing} \oplus 339V^{(1,1),(1)} \oplus 37V^{(3),\varnothing} \oplus 28V^{(2,1),\varnothing}$
$k = 10:$ $10736V^{\varnothing,\varnothing} \oplus 10196V^{\varnothing,(1)} \oplus 4170V^{\varnothing,(2)} \oplus 3780V^{\varnothing,(1,1)} \oplus 1080V^{\varnothing,(3)} \oplus 976V^{\varnothing,(2,1)} \oplus 518V^{\varnothing,(1,1,1)} \oplus 11V^{\varnothing,(4)} \oplus 11V^{\varnothing,(3,1)} \oplus 8V^{\varnothing,(2,1,1)} \oplus 11494V^{(1),\varnothing} \oplus 19130V^{(1),(1)} \oplus 3976V^{(1),(2)} \oplus 3720V^{(1),(1,1)} \oplus 89V^{(1),(3)} \oplus 85V^{(1),(2,1)} \oplus 67V^{(1),(1,1,1)} \oplus 4266V^{(2),\varnothing} \oplus 4072V^{(2),(1)} \oplus 269V^{(2),(2)} \oplus 253V^{(2),(1,1)} \oplus 2508V^{(1,1),\varnothing} \oplus 3024V^{(1,1),(1)} \oplus 195V^{(1,1),(2)} \oplus 187V^{(1,1),(1,1)} \oplus 1086V^{(3),\varnothing} \oplus 125V^{(3),(1)} \oplus 618V^{(2,1),\varnothing} \oplus 99V^{(2,1),(1)} \oplus 12V^{(4),\varnothing} \oplus 9V^{(3,1),\varnothing}$
$k = 9: \quad 4740V^{\varnothing,\varnothing} \oplus 5880V^{\varnothing,(1)} \oplus 2800V^{\varnothing,(2)} \oplus 2640V^{\varnothing,(1,1)} \oplus 1308V^{\varnothing,(3)} \oplus 1208V^{\varnothing,(2,1)} \oplus 658V^{\varnothing,(1,1,1)} \oplus 432V^{\varnothing,(4)} \oplus 432V^{\varnothing,(3,1)} \oplus 228V^{\varnothing,(2,1,1)} \oplus 3V^{\varnothing,(5)} \oplus 4V^{\varnothing,(4,1)} \oplus 3V^{\varnothing,(3,1,1)} \oplus 7185V^{(1),\varnothing} \oplus 17468V^{(1),(1)} \oplus 6414V^{(1),(2)} \oplus 6126V^{(1),(1,1)} \oplus 1512V^{(1),(3)} \oplus 1432V^{(1),(2,1)} \oplus 1096V^{(1),(1,1,1)} \oplus 25V^{(1),(4)} \oplus 25V^{(1),(3,1)} \oplus 19V^{(1),(2,1,1)} \oplus 3240V^{(2),\varnothing} \oplus 6414V^{(2),(1)} \oplus 1508V^{(2),(2)} \oplus 1396V^{(2),(1,1)} \oplus 89V^{(2),(3)} \oplus 85V^{(2),(2,1)} \oplus 67V^{(2),(1,1,1)} \oplus 2040V^{(1,1),\varnothing} \oplus 5082V^{(1,1),(1)} \oplus 1092V^{(1,1),(2)} \oplus 1036V^{(1,1),(1,1)} \oplus 45V^{(1,1),(3)} \oplus 43V^{(1,1),(2,1)} \oplus 34V^{(1,1),(1,1,1)} \oplus 1370V^{(3),\varnothing} \oplus 1560V^{(3),(1)} \oplus 101V^{(3),(2)} \oplus 85V^{(3),(1,1)} \oplus 820V^{(2,1),\varnothing} \oplus 1160V^{(2,1),(1)} \oplus 75V^{(2,1),(2)} \oplus 67V^{(2,1),(1,1)} \oplus 468V^{(4),\varnothing} \oplus 35V^{(4),(1)} \oplus 264V^{(3,1),\varnothing} \oplus 27V^{(3,1),(1)} \oplus 4V^{(5),\varnothing} \oplus 3V^{(4,1),\varnothing}$
$k = 8: \quad 810V^{\varnothing,\varnothing} \oplus 1620V^{\varnothing,(1)} \oplus 1056V^{\varnothing,(2)} \oplus 1056V^{\varnothing,(1,1)} \oplus 592V^{\varnothing,(3)} \oplus 592V^{\varnothing,(2,1)} \oplus 332V^{\varnothing,(1,1,1)} \oplus 336V^{\varnothing,(4)} \oplus 336V^{\varnothing,(3,1)} \oplus 186V^{\varnothing,(2,1,1)} \oplus 88V^{\varnothing,(5)} \oplus 164V^{\varnothing,(4,1)} \oplus 88V^{\varnothing,(3,1,1)} \oplus V^{\varnothing,(5,1)} \oplus V^{\varnothing,(4,1,1)} \oplus 2430V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 5136V^{(1),(2)} \oplus 5040V^{(1),(1,1)} \oplus 2166V^{(1),(3)} \oplus 2094V^{(1),(2,1)} \oplus 1722V^{(1),(1,1,1)} \oplus 592V^{(1),(4)} \oplus 592V^{(1),(3,1)} \oplus 448V^{(1),(2,1,1)} \oplus 7V^{(1),(5)} \oplus 9V^{(1),(4,1)} \oplus 7V^{(1),(3,1,1)} \oplus 1461V^{(2),\varnothing} \oplus 5136V^{(2),(1)} \oplus 2186V^{(2),(2)} \oplus 2090V^{(2),(1,1)} \oplus 564V^{(2),(3)} \oplus 532V^{(2),(2,1)} \oplus 396V^{(2),(1,1,1)} \oplus 25V^{(2),(4)} \oplus 25V^{(2),(3,1)} \oplus 19V^{(2),(2,1,1)} \oplus 993V^{(1,1),\varnothing} \oplus 4352V^{(1,1),(1)} \oplus 1718V^{(1,1),(2)} \oplus 1670V^{(1,1),(1,1)} \oplus 412V^{(1,1),(3)} \oplus 396V^{(1,1),(2,1)} \oplus 328V^{(1,1),(1,1,1)} \oplus 13V^{(1,1),(4)} \oplus 13V^{(1,1),(3,1)} \oplus 10V^{(1,1),(2,1,1)} \oplus 760V^{(3),\varnothing} \oplus 2166V^{(3),(1)} \oplus 588V^{(3),(2)} \oplus 532V^{(3),(1,1)} \oplus 65V^{(3),(3)} \oplus 61V^{(3),(2,1)} \oplus 43V^{(3),(1,1,1)} \oplus 500V^{(2,1),\varnothing} \oplus 1758V^{(2,1),(1)} \oplus 424V^{(2,1),(2)} \oplus 396V^{(2,1),(1,1)} \oplus 45V^{(2,1),(3)} \oplus 43V^{(2,1),(2,1)} \oplus 34V^{(2,1),(1,1,1)} \oplus 390V^{(4),\varnothing} \oplus 632V^{(4),(1)} \oplus 35V^{(4),(2)} \oplus 25V^{(4),(1,1)} \oplus 240V^{(3,1),\varnothing} \oplus 468V^{(3,1),(1)} \oplus 27V^{(3,1),(2)} \oplus 19V^{(3,1),(1,1)} \oplus 182V^{(5),\varnothing} \oplus 11V^{(5),(1)} \oplus 106V^{(4,1),\varnothing} \oplus 9V^{(4,1),(1)} \oplus V^{(6),\varnothing} \oplus V^{(5,1),\varnothing}$
$k = 7: \quad 36V^{\varnothing,(1)} \oplus 30V^{\varnothing,(2)} \oplus 30V^{\varnothing,(1,1)} \oplus 24V^{\varnothing,(3)} \oplus 24V^{\varnothing,(2,1)} \oplus 24V^{\varnothing,(1,1,1)} \oplus 18V^{\varnothing,(4)} \oplus 18V^{\varnothing,(3,1)} \oplus 18V^{\varnothing,(2,1,1)} \oplus 12V^{\varnothing,(5)} \oplus 12V^{\varnothing,(4,1)} \oplus 12V^{\varnothing,(3,1,1)} \oplus 6V^{\varnothing,(5,1)} \oplus 6V^{\varnothing,(4,1,1)} \oplus 225V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1360V^{(1),(3)} \oplus 1360V^{(1),(2,1)} \oplus 1200V^{(1),(1,1,1)} \oplus 650V^{(1),(4)} \oplus 650V^{(1),(3,1)} \oplus 550V^{(1),(2,1,1)} \oplus 204V^{(1),(5)} \oplus 256V^{(1),(4,1)} \oplus 204V^{(1),(3,1,1)} \oplus 3V^{(1),(5,1)} \oplus 3V^{(1),(4,1,1)} \oplus 165V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1544V^{(2),(2)} \oplus 1520V^{(2),(1,1)} \oplus 738V^{(2),(3)} \oplus 714V^{(2),(2,1)} \oplus 582V^{(2),(1,1,1)} \oplus 216V^{(2),(4)} \oplus 216V^{(2),(3,1)} \oplus 160V^{(2),(2,1,1)} \oplus 7V^{(2),(5)} \oplus 9V^{(2),(4,1)} \oplus 7V^{(2),(3,1,1)} \oplus 165V^{(1,1),\varnothing} \oplus 2580V^{(1,1),(1)} \oplus 1316V^{(1,1),(2)} \oplus 1304V^{(1,1),(1,1)} \oplus 594V^{(1,1),(3)} \oplus 582V^{(1,1),(2,1)} \oplus 516V^{(1,1),(1,1,1)} \oplus 160V^{(1,1),(4)} \oplus 160V^{(1,1),(3,1)} \oplus 132V^{(1,1),(2,1,1)} \oplus 4V^{(1,1),(5)} \oplus 5V^{(1,1),(4,1)} \oplus 4V^{(1,1),(3,1,1)} \oplus 105V^{(3),\varnothing} \oplus 1360V^{(3),(1)} \oplus 738V^{(3),(2)} \oplus 714V^{(3),(1,1)} \oplus 236V^{(3),(3)} \oplus 220V^{(3),(2,1)} \oplus 160V^{(3),(1,1,1)} \oplus 25V^{(3),(4)} \oplus 25V^{(3),(3,1)} \oplus 19V^{(3),(2,1,1)} \oplus 105V^{(2,1),\varnothing} \oplus 1200V^{(2,1),(1)} \oplus 594V^{(2,1),(2)} \oplus 582V^{(2,1),(1,1)} \oplus 168V^{(2,1),(3)} \oplus$

Table 20: Table for $\lambda = (6,1)$, $\mu = (4,3)$:

$k = 14: \quad 34V^{\varnothing,\varnothing}$
$k = 13: \quad 7936V^{\varnothing,\varnothing} \oplus 101V^{\varnothing,(1)} \oplus 232V^{(1),\varnothing}$
$k = 12: \quad 14940V^{\varnothing,\varnothing} \oplus 6276V^{\varnothing,(1)} \oplus 55V^{\varnothing,(2)} \oplus 52V^{\varnothing,(1,1)} \oplus 6844V^{(1),\varnothing} \oplus 1345V^{(1),(1)} \oplus 85V^{(2),\varnothing} \oplus 63V^{(1,1),\varnothing}$
$k = 11: \quad 14632V^{\varnothing,\varnothing} \oplus 11130V^{\varnothing,(1)} \oplus 2580V^{\varnothing,(2)} \oplus 1612V^{\varnothing,(1,1)} \oplus 26V^{\varnothing,(3)} \oplus 26V^{\varnothing,(2,1)} \oplus 12108V^{(1),\varnothing} \oplus 10720V^{(1),(1)} \oplus 377V^{(1),(2)} \oplus 371V^{(1),(1,1)} \oplus 2612V^{(2),\varnothing} \oplus 385V^{(2),(1)} \oplus 1488V^{(1,1),\varnothing} \oplus 313V^{(1,1),(1)} \oplus 30V^{(3),\varnothing} \oplus 22V^{(2,1),\varnothing}$
$k = 10: \quad 10724V^{\varnothing,\varnothing} \oplus 9556V^{\varnothing,(1)} \oplus 4080V^{\varnothing,(2)} \oplus 2430V^{\varnothing,(1,1)} \oplus 976V^{\varnothing,(3)} \oplus 976V^{\varnothing,(2,1)} \oplus 8V^{\varnothing,(4)} \oplus 11V^{\varnothing,(3,1)} \oplus 10V^{\varnothing,(2,2)} \oplus 10476V^{(1),\varnothing} \oplus 18386V^{(1),(1)} \oplus 3880V^{(1),(2)} \oplus 3200V^{(1),(1,1)} \oplus 85V^{(1),(3)} \oplus 85V^{(1),(2,1)} \oplus 4180V^{(2),\varnothing} \oplus 3816V^{(2),(1)} \oplus 257V^{(2),(2)} \oplus 251V^{(2),(1,1)} \oplus 2440V^{(1,1),\varnothing} \oplus 2896V^{(1,1),(1)} \oplus 189V^{(1,1),(2)} \oplus 186V^{(1,1),(1,1)} \oplus 1056V^{(3),\varnothing} \oplus 97V^{(3),(1)} \oplus 598V^{(2,1),\varnothing} \oplus 73V^{(2,1),(1)} \oplus 11V^{(4),\varnothing} \oplus 8V^{(3,1),\varnothing}$
$k = 9: \quad 4644V^{\varnothing,\varnothing} \oplus 5640V^{\varnothing,(1)} \oplus 2800V^{\varnothing,(2)} \oplus 1600V^{\varnothing,(1,1)} \oplus 1208V^{\varnothing,(3)} \oplus 1208V^{\varnothing,(2,1)} \oplus 228V^{\varnothing,(4)} \oplus 432V^{\varnothing,(3,1)} \oplus 280V^{\varnothing,(2,2)} \oplus 3V^{\varnothing,(4,1)} \oplus 4V^{\varnothing,(3,2)} \oplus 6896V^{(1),\varnothing} \oplus 17084V^{(1),(1)} \oplus 6342V^{(1),(2)} \oplus 5226V^{(1),(1,1)} \oplus 1432V^{(1),(3)} \oplus 1432V^{(1),(2,1)} \oplus 19V^{(1),(4)} \oplus 25V^{(1),(3,1)} \oplus 23V^{(1),(2,2)} \oplus 2960V^{(2),\varnothing} \oplus 6198V^{(2),(1)} \oplus 1460V^{(2),(2)} \oplus 1196V^{(2),(1,1)} \oplus 85V^{(2),(3)} \oplus 85V^{(2),(2,1)} \oplus 1760V^{(1,1),\varnothing} \oplus 4974V^{(1,1),(1)} \oplus 1068V^{(1,1),(2)} \oplus 936V^{(1,1),(1,1)} \oplus 43V^{(1,1),(3)} \oplus 43V^{(1,1),(2,1)} \oplus 1352V^{(3),\varnothing} \oplus 1480V^{(3),(1)} \oplus 89V^{(3),(2)} \oplus 83V^{(3),(1,1)} \oplus 802V^{(2,1),\varnothing} \oplus 1120V^{(2,1),(1)} \oplus 69V^{(2,1),(2)} \oplus 66V^{(2,1),(1,1)} \oplus 464V^{(4),\varnothing} \oplus 31V^{(4),(1)} \oplus 260V^{(3,1),\varnothing} \oplus 25V^{(3,1),(1)} \oplus 4V^{(5),\varnothing} \oplus 3V^{(4,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 1620V^{\varnothing,(1)} \oplus 1056V^{\varnothing,(2)} \oplus 588V^{\varnothing,(1,1)} \oplus 592V^{\varnothing,(3)} \oplus 592V^{\varnothing,(2,1)} \oplus 186V^{\varnothing,(4)} \oplus 336V^{\varnothing,(3,1)} \oplus 186V^{\varnothing,(2,2)} \oplus 88V^{\varnothing,(4,1)} \oplus 164V^{\varnothing,(3,2)} \oplus V^{\varnothing,(4,2)} \oplus V^{\varnothing,(3,3)} \oplus 2196V^{(1),\varnothing} \oplus 11828V^{(1),(1)} \oplus 5136V^{(1),(2)} \oplus 4400V^{(1),(1,1)} \oplus 2094V^{(1),(3)} \oplus 2094V^{(1),(2,1)} \oplus 448V^{(1),(4)} \oplus 592V^{(1),(3,1)} \oplus 488V^{(1),(2,2)} \oplus 7V^{(1),(4,1)} \oplus 9V^{(1),(3,2)} \oplus 1356V^{(2),\varnothing} \oplus 5040V^{(2),(1)} \oplus 2162V^{(2),(2)} \oplus 1766V^{(2),(1,1)} \oplus 532V^{(2),(3)} \oplus 532V^{(2),(2,1)} \oplus 19V^{(2),(4)} \oplus 25V^{(2),(3,1)} \oplus 23V^{(2),(2,2)} \oplus 888V^{(1,1),\varnothing} \oplus 4304V^{(1,1),(1)} \oplus 1706V^{(1,1),(2)} \oplus 1508V^{(1,1),(1,1)} \oplus 396V^{(1,1),(3)} \oplus 396V^{(1,1),(2,1)} \oplus 10V^{(1,1),(4)} \oplus 13V^{(1,1),(3,1)} \oplus 12V^{(1,1),(2,2)} \oplus 688V^{(3),\varnothing} \oplus 2094V^{(3),(1)} \oplus 564V^{(3),(2)} \oplus 452V^{(3),(1,1)} \oplus 61V^{(3),(3)} \oplus 61V^{(3),(2,1)} \oplus 428V^{(2,1),\varnothing} \oplus 1722V^{(2,1),(1)} \oplus 412V^{(2,1),(2)} \oplus 356V^{(2,1),(1,1)} \oplus 43V^{(2,1),(3)} \oplus 43V^{(2,1),(2,1)} \oplus 384V^{(4),\varnothing} \oplus 592V^{(4),(1)} \oplus 29V^{(4),(2)} \oplus 23V^{(4),(1,1)} \oplus 234V^{(3,1),\varnothing} \oplus 448V^{(3,1),(1)} \oplus 21V^{(3,1),(2)} \oplus 18V^{(3,1),(1,1)} \oplus 180V^{(5),\varnothing} \oplus 9V^{(5),(1)} \oplus 104V^{(4,1),\varnothing} \oplus 7V^{(4,1),(1)} \oplus V^{(6),\varnothing} \oplus V^{(5,1),\varnothing}$
$k = 7: \quad 36V^{\varnothing,(1)} \oplus 30V^{\varnothing,(2)} \oplus 30V^{\varnothing,(1,1)} \oplus 24V^{\varnothing,(3)} \oplus 24V^{\varnothing,(2,1)} \oplus 18V^{\varnothing,(4)} \oplus 18V^{\varnothing,(3,1)} \oplus 18V^{\varnothing,(2,2)} \oplus 12V^{\varnothing,(4,1)} \oplus 12V^{\varnothing,(3,2)} \oplus 6V^{\varnothing,(4,2)} \oplus 6V^{\varnothing,(3,3)} \oplus 196V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2580V^{(1),(1,1)} \oplus 1360V^{(1),(3)} \oplus 1360V^{(1),(2,1)} \oplus 550V^{(1),(4)} \oplus 650V^{(1),(3,1)} \oplus 550V^{(1),(2,2)} \oplus 204V^{(1),(4,1)} \oplus 256V^{(1),(3,2)} \oplus 3V^{(1),(4,2)} \oplus 3V^{(1),(3,3)} \oplus 126V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1544V^{(2),(2)} \oplus 1328V^{(2),(1,1)} \oplus 714V^{(2),(3)} \oplus 714V^{(2),(2,1)} \oplus 160V^{(2),(4)} \oplus 216V^{(2),(3,1)} \oplus 176V^{(2),(2,2)} \oplus 7V^{(2),(4,1)} \oplus 9V^{(2),(3,2)} \oplus 126V^{(1,1),\varnothing} \oplus 2580V^{(1,1),(1)} \oplus 1316V^{(1,1),(2)} \oplus 1208V^{(1,1),(1,1)} \oplus 582V^{(1,1),(3)} \oplus 582V^{(1,1),(2,1)} \oplus 132V^{(1,1),(4)} \oplus 160V^{(1,1),(3,1)} \oplus 140V^{(1,1),(2,2)} \oplus 4V^{(1,1),(4,1)} \oplus 5V^{(1,1),(3,2)} \oplus 84V^{(3),\varnothing} \oplus 1360V^{(3),(1)} \oplus 738V^{(3),(2)} \oplus 606V^{(3),(1,1)} \oplus 220V^{(3),(3)} \oplus 220V^{(3),(2,1)} \oplus 19V^{(3),(4)} \oplus 25V^{(3),(3,1)} \oplus 23V^{(3),(2,2)} \oplus 84V^{(2,1),\varnothing} \oplus 1200V^{(2,1),(1)} \oplus 594V^{(2,1),(2)} \oplus 528V^{(2,1),(1,1)} \oplus 160V^{(2,1),(3)} \oplus 160V^{(2,1),(2,1)} \oplus 10V^{(2,1),(4)} \oplus 13V^{(2,1),(3,1)} \oplus 12V^{(2,1),(2,2)} \oplus 42V^{(4),\varnothing} \oplus 650V^{(4),(1)} \oplus 232V^{(4),(2)} \oplus 176V^{(4),(1,1)} \oplus 25V^{(4),(3)} \oplus 25V^{(4),(2,1)} \oplus 42V^{(3,1),\varnothing} \oplus 550V^{(3,1),(1)} \oplus 168V^{(3,1),(2)} \oplus 140V^{(3,1),(1,1)} \oplus 19V^{(3,1),(3)} \oplus 19V^{(3,1),(2,1)} \oplus 28V^{(5),\varnothing} \oplus 256V^{(5),(1)} \oplus 11V^{(5),(2)} \oplus 7V^{(5),(1,1)} \oplus 28V^{(4,1),\varnothing} \oplus 204V^{(4,1),(1)} \oplus 9V^{(4,1),(2)} \oplus 6V^{(4,1),(1,1)} \oplus 14V^{(6),\varnothing} \oplus 3V^{(6),(1)} \oplus 14V^{(5,1),\varnothing} \oplus 3V^{(5,1),(1)}$

Table 21: Table for $\lambda = (6,1)$, $\mu = (4,2,1)$:

$k = 14: \quad 34V^{\varnothing,\varnothing}$
$k = 13: \quad 8062V^{\varnothing,\varnothing} \oplus 145V^{\varnothing,(1)} \oplus 705V^{(1),\varnothing}$
$k = 12: \quad 15192V^{\varnothing,\varnothing} \oplus 7190V^{\varnothing,(1)} \oplus 77V^{\varnothing,(2)} \oplus 75V^{\varnothing,(1,1)} \oplus 8908V^{(1),\varnothing} \oplus 1697V^{(1),(1)} \oplus 166V^{(2),\varnothing} \oplus 134V^{(1,1),\varnothing}$
$k = 11: \quad 14884V^{\varnothing,\varnothing} \oplus 12420V^{\varnothing,(1)} \oplus 3028V^{\varnothing,(2)} \oplus 2820V^{\varnothing,(1,1)} \oplus 33V^{\varnothing,(3)} \oplus 36V^{\varnothing,(2,1)} \oplus 25V^{\varnothing,(1,1,1)} \oplus 15474V^{(1),\varnothing} \oplus 11936V^{(1),(1)} \oplus 453V^{(1),(2)} \oplus 449V^{(1),(1,1)} \oplus 3270V^{(2),\varnothing} \oplus 617V^{(2),(1)} \oplus 2090V^{(1,1),\varnothing} \oplus 489V^{(1,1),(1)} \oplus 41V^{(3),\varnothing} \oplus 32V^{(2,1),\varnothing}$
$k = 10: \quad 10976V^{\varnothing,\varnothing} \oplus 10316V^{\varnothing,(1)} \oplus 4560V^{\varnothing,(2)} \oplus 4260V^{\varnothing,(1,1)} \oplus 1130V^{\varnothing,(3)} \oplus 1538V^{\varnothing,(2,1)} \oplus 672V^{\varnothing,(1,1,1)} \oplus 10V^{\varnothing,(4)} \oplus 14V^{\varnothing,(3,1)} \oplus 11V^{\varnothing,(2,2)} \oplus 11V^{\varnothing,(2,1,1)} \oplus 15214V^{(1),\varnothing} \oplus 19442V^{(1),(1)} \oplus 4328V^{(1),(2)} \oplus 4168V^{(1),(1,1)} \oplus 101V^{(1),(3)} \oplus 107V^{(1),(2,1)} \oplus 83V^{(1),(1,1,1)} \oplus 5266V^{(2),\varnothing} \oplus 4264V^{(2),(1)} \oplus 333V^{(2),(2)} \oplus 329V^{(2),(1,1)} \oplus 3508V^{(1,1),\varnothing} \oplus 3120V^{(1,1),(1)} \oplus 227V^{(1,1),(2)} \oplus 225V^{(1,1),(1,1)} \oplus 1286V^{(3),\varnothing} \oplus 161V^{(3),(1)} \oplus 818V^{(2,1),\varnothing} \oplus 129V^{(2,1),(1)} \oplus 12V^{(4),\varnothing} \oplus 9V^{(3,1),\varnothing}$
$k = 9: \quad 4770V^{\varnothing,\varnothing} \oplus 5880V^{\varnothing,(1)} \oplus 2960V^{\varnothing,(2)} \oplus 2800V^{\varnothing,(1,1)} \oplus 1308V^{\varnothing,(3)} \oplus 1858V^{\varnothing,(2,1)} \oplus 758V^{\varnothing,(1,1,1)} \oplus 280V^{\varnothing,(4)} \oplus 636V^{\varnothing,(3,1)} \oplus 432V^{\varnothing,(2,2)} \oplus 432V^{\varnothing,(2,1,1)} \oplus 4V^{\varnothing,(4,1)} \oplus 4V^{\varnothing,(3,2)} \oplus 4V^{\varnothing,(3,1,1)} \oplus 3V^{\varnothing,(2,2,1)} \oplus 11425V^{(1),\varnothing} \oplus 17540V^{(1),(1)} \oplus 6702V^{(1),(2)} \oplus 6486V^{(1),(1,1)} \oplus 1560V^{(1),(3)} \oplus 1848V^{(1),(2,1)} \oplus 1224V^{(1),(1,1,1)} \oplus 23V^{(1),(4)} \oplus 31V^{(1),(3,1)} \oplus 25V^{(1),(2,2)} \oplus 25V^{(1),(2,1,1)} \oplus 4360V^{(2),\varnothing} \oplus 6486V^{(2),(1)} \oplus 1668V^{(2),(2)} \oplus 1604V^{(2),(1,1)} \oplus 101V^{(2),(3)} \oplus 107V^{(2),(2,1)} \oplus 83V^{(2),(1,1,1)} \oplus 3160V^{(1,1),\varnothing} \oplus 5118V^{(1,1),(1)} \oplus 1172V^{(1,1),(2)} \oplus 1140V^{(1,1),(1,1)} \oplus 51V^{(1,1),(3)} \oplus 54V^{(1,1),(2,1)} \oplus 42V^{(1,1),(1,1,1)} \oplus 1730V^{(3),\varnothing} \oplus 1608V^{(3),(1)} \oplus 141V^{(3),(2)} \oplus 137V^{(3),(1,1)} \oplus 1180V^{(2,1),\varnothing} \oplus 1184V^{(2,1),(1)} \oplus 107V^{(2,1),(2)} \oplus 105V^{(2,1),(1,1)} \oplus 548V^{(4),\varnothing} \oplus 41V^{(4),(1)} \oplus 344V^{(3,1),\varnothing} \oplus 33V^{(3,1),(1)} \oplus 4V^{(5),\varnothing} \oplus 3V^{(4,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 1620V^{\varnothing,(1)} \oplus 1056V^{\varnothing,(2)} \oplus 1056V^{\varnothing,(1,1)} \oplus 592V^{\varnothing,(3)} \oplus 852V^{\varnothing,(2,1)} \oplus 332V^{\varnothing,(1,1,1)} \oplus 186V^{\varnothing,(4)} \oplus 486V^{\varnothing,(3,1)} \oplus 336V^{\varnothing,(2,2)} \oplus 336V^{\varnothing,(2,1,1)} \oplus 164V^{\varnothing,(4,1)} \oplus 164V^{\varnothing,(3,2)} \oplus 164V^{\varnothing,(3,1,1)} \oplus 88V^{\varnothing,(2,2,1)} \oplus V^{\varnothing,(4,2)} \oplus V^{\varnothing,(4,1,1)} \oplus V^{\varnothing,(3,2,1)} \oplus 5640V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 5232V^{(1),(2)} \oplus 5136V^{(1),(1,1)} \oplus 2166V^{(1),(3)} \oplus 2538V^{(1),(2,1)} \oplus 1794V^{(1),(1,1,1)} \oplus 488V^{(1),(4)} \oplus 736V^{(1),(3,1)} \oplus 592V^{(1),(2,2)} \oplus 592V^{(1),(2,1,1)} \oplus 9V^{(1),(4,1)} \oplus 9V^{(1),(3,2)} \oplus 9V^{(1),(3,1,1)} \oplus 7V^{(1),(2,2,1)} \oplus 2511V^{(2),\varnothing} \oplus 5136V^{(2),(1)} \oplus 2282V^{(2),(2)} \oplus 2210V^{(2),(1,1)} \oplus 588V^{(2),(3)} \oplus 700V^{(2),(2,1)} \oplus 452V^{(2),(1,1,1)} \oplus 23V^{(2),(4)} \oplus 31V^{(2),(3,1)} \oplus 25V^{(2),(2,2)} \oplus 25V^{(2),(2,1,1)} \oplus 2043V^{(1,1),\varnothing} \oplus 4352V^{(1,1),(1)} \oplus 1766V^{(1,1),(2)} \oplus 1730V^{(1,1),(1,1)} \oplus 424V^{(1,1),(3)} \oplus 480V^{(1,1),(2,1)} \oplus 356V^{(1,1),(1,1,1)} \oplus 12V^{(1,1),(4)} \oplus 16V^{(1,1),(3,1)} \oplus 13V^{(1,1),(2,2)} \oplus 13V^{(1,1),(2,1,1)} \oplus 1080V^{(3),\varnothing} \oplus 2166V^{(3),(1)} \oplus 644V^{(3),(2)} \oplus 612V^{(3),(1,1)} \oplus 77V^{(3),(3)} \oplus 83V^{(3),(2,1)} \oplus 59V^{(3),(1,1,1)} \oplus 820V^{(2,1),\varnothing} \oplus 1758V^{(2,1),(1)} \oplus 452V^{(2,1),(2)} \oplus 436V^{(2,1),(1,1)} \oplus 51V^{(2,1),(3)} \oplus 54V^{(2,1),(2,1)} \oplus 42V^{(2,1),(1,1,1)} \oplus 510V^{(4),\varnothing} \oplus 632V^{(4),(1)} \oplus 45V^{(4),(2)} \oplus 41V^{(4),(1,1)} \oplus 360V^{(3,1),\varnothing} \oplus 468V^{(3,1),(1)} \oplus 35V^{(3,1),(2)} \oplus 33V^{(3,1),(1,1)} \oplus 222V^{(5),\varnothing} \oplus 11V^{(5),(1)} \oplus 146V^{(4,1),\varnothing} \oplus 9V^{(4,1),(1)} \oplus V^{(6),\varnothing} \oplus V^{(5,1),\varnothing}$
$k = 7: \quad 36V^{\varnothing,(1)} \oplus 30V^{\varnothing,(2)} \oplus 30V^{\varnothing,(1,1)} \oplus 24V^{\varnothing,(3)} \oplus 24V^{\varnothing,(2,1)} \oplus 24V^{\varnothing,(1,1,1)} \oplus 18V^{\varnothing,(4)} \oplus 18V^{\varnothing,(3,1)} \oplus 18V^{\varnothing,(2,2)} \oplus 18V^{\varnothing,(2,1,1)} \oplus 12V^{\varnothing,(4,1)} \oplus 12V^{\varnothing,(3,2)} \oplus 12V^{\varnothing,(3,1,1)} \oplus 12V^{\varnothing,(2,2,1)} \oplus 6V^{\varnothing,(4,2)} \oplus 6V^{\varnothing,(4,1,1)} \oplus 6V^{\varnothing,(3,2,1)} \oplus 1225V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1360V^{(1),(3)} \oplus 1520V^{(1),(2,1)} \oplus 1200V^{(1),(1,1,1)} \oplus 550V^{(1),(4)} \oplus 750V^{(1),(3,1)} \oplus 650V^{(1),(2,2)} \oplus 650V^{(1),(2,1,1)} \oplus 256V^{(1),(4,1)} \oplus 256V^{(1),(3,2)} \oplus 256V^{(1),(3,1,1)} \oplus 204V^{(1),(2,2,1)} \oplus 3V^{(1),(4,2)} \oplus 3V^{(1),(4,1,1)} \oplus 3V^{(1),(3,2,1)} \oplus 700V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1568V^{(2),(2)} \oplus 1544V^{(2),(1,1)} \oplus 738V^{(2),(3)} \oplus 870V^{(2),(2,1)} \oplus 606V^{(2),(1,1,1)} \oplus 176V^{(2),(4)} \oplus 272V^{(2),(3,1)} \oplus 216V^{(2),(2,2)} \oplus 216V^{(2),(2,1,1)} \oplus 9V^{(2),(4,1)} \oplus 9V^{(2),(3,2)} \oplus 9V^{(2),(3,1,1)} \oplus 7V^{(2),(2,2,1)} \oplus 700V^{(1,1),\varnothing} \oplus 2580V^{(1,1),(1)} \oplus 1328V^{(1,1),(2)} \oplus 1316V^{(1,1),(1,1)} \oplus 594V^{(1,1),(3)} \oplus 660V^{(1,1),(2,1)} \oplus 528V^{(1,1),(1,1,1)} \oplus 140V^{(1,1),(4)} \oplus 188V^{(1,1),(3,1)} \oplus 160V^{(1,1),(2,2)} \oplus 160V^{(1,1),(2,1,1)} \oplus 5V^{(1,1),(4,1)} \oplus 5V^{(1,1),(3,2)} \oplus 5V^{(1,1),(3,1,1)} \oplus 4V^{(1,1),(2,2,1)} \oplus$

Table 22: Table for $\lambda = (6,1)$, $\mu = (4,1,1,1)$:

$k = 14: \quad 34V^{\varnothing,\varnothing}$
$k = 13: \quad 7972V^{\varnothing,\varnothing} \oplus 118V^{\varnothing,(1)} \oplus 394V^{(1),\varnothing}$
$k = 12: \quad 15012V^{\varnothing,\varnothing} \oplus 7076V^{\varnothing,(1)} \oplus 60V^{\varnothing,(2)} \oplus 60V^{\varnothing,(1,1)} \oplus 7584V^{(1),\varnothing} \oplus 1409V^{(1),(1)} \oplus 126V^{(2),\varnothing} \oplus 97V^{(1,1),\varnothing}$
$k = 11: \quad 14704V^{\varnothing,\varnothing} \oplus 12360V^{\varnothing,(1)} \oplus 2680V^{\varnothing,(2)} \oplus 2680V^{\varnothing,(1,1)} \oplus 26V^{\varnothing,(3)} \oplus 28V^{\varnothing,(2,1)} \oplus 26V^{\varnothing,(1,1,1)} \oplus 13188V^{(1),\varnothing} \oplus 11504V^{(1),(1)} \oplus 389V^{(1),(2)} \oplus 389V^{(1),(1,1)} \oplus 2856V^{(2),\varnothing} \oplus 449V^{(2),(1)} \oplus 1688V^{(1,1),\varnothing} \oplus 345V^{(1,1),(1)} \oplus 38V^{(3),\varnothing} \oplus 29V^{(2,1),\varnothing}$
$k = 10: \quad 10796V^{\varnothing,\varnothing} \oplus 10316V^{\varnothing,(1)} \oplus 4170V^{\varnothing,(2)} \oplus 4170V^{\varnothing,(1,1)} \oplus 976V^{\varnothing,(3)} \oplus 1080V^{\varnothing,(2,1)} \oplus 976V^{\varnothing,(1,1,1)} \oplus 8V^{\varnothing,(4)} \oplus 11V^{\varnothing,(3,1)} \oplus 11V^{\varnothing,(2,1,1)} \oplus 8V^{\varnothing,(1,1,1,1)} \oplus 12424V^{(1),\varnothing} \oplus 19346V^{(1),(1)} \oplus 3976V^{(1),(2)} \oplus 3976V^{(1),(1,1)} \oplus 85V^{(1),(3)} \oplus 89V^{(1),(2,1)} \oplus 85V^{(1),(1,1,1)} \oplus 4516V^{(2),\varnothing} \oplus 4168V^{(2),(1)} \oplus 269V^{(2),(2)} \oplus 269V^{(2),(1,1)} \oplus 2758V^{(1,1),\varnothing} \oplus 3072V^{(1,1),(1)} \oplus 195V^{(1,1),(2)} \oplus 195V^{(1,1),(1,1)} \oplus 1136V^{(3),\varnothing} \oplus 137V^{(3),(1)} \oplus 668V^{(2,1),\varnothing} \oplus 105V^{(2,1),(1)} \oplus 12V^{(4),\varnothing} \oplus 9V^{(3,1),\varnothing}$
$k = 9: \quad 4680V^{\varnothing,\varnothing} \oplus 5880V^{\varnothing,(1)} \oplus 2800V^{\varnothing,(2)} \oplus 2800V^{\varnothing,(1,1)} \oplus 1208V^{\varnothing,(3)} \oplus 1308V^{\varnothing,(2,1)} \oplus 1208V^{\varnothing,(1,1,1)} \oplus 228V^{\varnothing,(4)} \oplus 432V^{\varnothing,(3,1)} \oplus 432V^{\varnothing,(2,1,1)} \oplus 228V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(4,1)} \oplus 4V^{\varnothing,(3,1,1)} \oplus 3V^{\varnothing,(2,1,1,1)} \oplus 8360V^{(1),\varnothing} \oplus 17540V^{(1),(1)} \oplus 6414V^{(1),(2)} \oplus 6414V^{(1),(1,1)} \oplus 1432V^{(1),(3)} \oplus 1512V^{(1),(2,1)} \oplus 1432V^{(1),(1,1,1)} \oplus 19V^{(1),(4)} \oplus 25V^{(1),(3,1)} \oplus 25V^{(1),(2,1,1)} \oplus 19V^{(1),(1,1,1,1)} \oplus 3520V^{(2),\varnothing} \oplus 6486V^{(2),(1)} \oplus 1508V^{(2),(2)} \oplus 1508V^{(2),(1,1)} \oplus 85V^{(2),(3)} \oplus 89V^{(2),(2,1)} \oplus 85V^{(2),(1,1,1)} \oplus 2320V^{(1,1),\varnothing} \oplus 5118V^{(1,1),(1)} \oplus 1092V^{(1,1),(2)} \oplus 1092V^{(1,1),(1,1)} \oplus 43V^{(1,1),(3)} \oplus 45V^{(1,1),(2,1)} \oplus 43V^{(1,1),(1,1,1)} \oplus 1460V^{(3),\varnothing} \oplus 1608V^{(3),(1)} \oplus 101V^{(3),(2)} \oplus 101V^{(3),(1,1)} \oplus 910V^{(2,1),\varnothing} \oplus 1184V^{(2,1),(1)} \oplus 75V^{(2,1),(2)} \oplus 75V^{(2,1),(1,1)} \oplus 488V^{(4),\varnothing} \oplus 41V^{(4),(1)} \oplus 284V^{(3,1),\varnothing} \oplus 33V^{(3,1),(1)} \oplus 4V^{(5),\varnothing} \oplus 3V^{(4,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 1620V^{\varnothing,(1)} \oplus 1056V^{\varnothing,(2)} \oplus 1056V^{\varnothing,(1,1)} \oplus 592V^{\varnothing,(3)} \oplus 592V^{\varnothing,(2,1)} \oplus 592V^{\varnothing,(1,1,1)} \oplus 186V^{\varnothing,(4)} \oplus 336V^{\varnothing,(3,1)} \oplus 336V^{\varnothing,(2,1,1)} \oplus 186V^{\varnothing,(1,1,1,1)} \oplus 88V^{\varnothing,(4,1)} \oplus 164V^{\varnothing,(3,1,1)} \oplus 88V^{\varnothing,(2,1,1,1)} \oplus V^{\varnothing,(4,1,1)} \oplus V^{\varnothing,(3,1,1,1)} \oplus 3120V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 5136V^{(1),(2)} \oplus 5136V^{(1),(1,1)} \oplus 2094V^{(1),(3)} \oplus 2166V^{(1),(2,1)} \oplus 2094V^{(1),(1,1,1)} \oplus 448V^{(1),(4)} \oplus 592V^{(1),(3,1)} \oplus 592V^{(1),(2,1,1)} \oplus 448V^{(1),(1,1,1,1)} \oplus 7V^{(1),(4,1)} \oplus 9V^{(1),(3,1,1)} \oplus 7V^{(1),(2,1,1,1)} \oplus 1736V^{(2),\varnothing} \oplus 5136V^{(2),(1)} \oplus 2186V^{(2),(2)} \oplus 2186V^{(2),(1,1)} \oplus 532V^{(2),(3)} \oplus 564V^{(2),(2,1)} \oplus 532V^{(2),(1,1,1)} \oplus 19V^{(2),(4)} \oplus 25V^{(2),(3,1)} \oplus 25V^{(2),(2,1,1)} \oplus 19V^{(2),(1,1,1,1)} \oplus 1268V^{(1,1),\varnothing} \oplus 4352V^{(1,1),(1)} \oplus 1718V^{(1,1),(2)} \oplus 1718V^{(1,1),(1,1)} \oplus 396V^{(1,1),(3)} \oplus 412V^{(1,1),(2,1)} \oplus 396V^{(1,1),(1,1,1)} \oplus 10V^{(1,1),(4)} \oplus 13V^{(1,1),(3,1)} \oplus 13V^{(1,1),(2,1,1)} \oplus 10V^{(1,1),(1,1,1,1)} \oplus 840V^{(3),\varnothing} \oplus 2166V^{(3),(1)} \oplus 588V^{(3),(2)} \oplus 588V^{(3),(1,1)} \oplus 61V^{(3),(3)} \oplus 65V^{(3),(2,1)} \oplus 61V^{(3),(1,1,1)} \oplus 580V^{(2,1),\varnothing} \oplus 1758V^{(2,1),(1)} \oplus 424V^{(2,1),(2)} \oplus 424V^{(2,1),(1,1)} \oplus 43V^{(2,1),(3)} \oplus 45V^{(2,1),(2,1)} \oplus 43V^{(2,1),(1,1,1)} \oplus 420V^{(4),\varnothing} \oplus 632V^{(4),(1)} \oplus 35V^{(4),(2)} \oplus 35V^{(4),(1,1)} \oplus 270V^{(3,1),\varnothing} \oplus 468V^{(3,1),(1)} \oplus 27V^{(3,1),(2)} \oplus 27V^{(3,1),(1,1)} \oplus 192V^{(5),\varnothing} \oplus 11V^{(5),(1)} \oplus 116V^{(4,1),\varnothing} \oplus 9V^{(4,1),(1)} \oplus V^{(6),\varnothing} \oplus V^{(5,1),\varnothing}$
$k = 7:$ $36V^{\varnothing,(1)} \oplus 30V^{\varnothing,(2)} \oplus 30V^{\varnothing,(1,1)} \oplus 24V^{\varnothing,(3)} \oplus 24V^{\varnothing,(2,1)} \oplus 24V^{\varnothing,(1,1,1)} \oplus 18V^{\varnothing,(4)} \oplus 18V^{\varnothing,(3,1)} \oplus 18V^{\varnothing,(2,1,1)} \oplus 18V^{\varnothing,(1,1,1,1)} \oplus 12V^{\varnothing,(4,1)} \oplus 12V^{\varnothing,(3,1,1)} \oplus 12V^{\varnothing,(2,1,1,1)} \oplus 6V^{\varnothing,(4,1,1)} \oplus 6V^{\varnothing,(3,1,1,1)} \oplus 400V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1360V^{(1),(3)} \oplus 1360V^{(1),(2,1)} \oplus 1360V^{(1),(1,1,1)} \oplus 550V^{(1),(4)} \oplus 650V^{(1),(3,1)} \oplus 650V^{(1),(2,1,1)} \oplus 550V^{(1),(1,1,1,1)} \oplus 204V^{(1),(4,1)} \oplus 256V^{(1),(3,1,1)} \oplus 204V^{(1),(2,1,1,1)} \oplus 3V^{(1),(4,1,1)} \oplus 3V^{(1),(3,1,1,1)} \oplus 280V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1544V^{(2),(2)} \oplus 1544V^{(2),(1,1)} \oplus 714V^{(2),(3)} \oplus 738V^{(2),(2,1)} \oplus 714V^{(2),(1,1,1)} \oplus 160V^{(2),(4)} \oplus 216V^{(2),(3,1)} \oplus 216V^{(2),(2,1,1)} \oplus 160V^{(2),(1,1,1,1)} \oplus 7V^{(2),(4,1)} \oplus 9V^{(2),(3,1,1)} \oplus 7V^{(2),(2,1,1,1)} \oplus 280V^{(1,1),\varnothing} \oplus 2580V^{(1,1),(1)} \oplus 1316V^{(1,1),(2)} \oplus 1316V^{(1,1),(1,1)} \oplus 582V^{(1,1),(3)} \oplus 594V^{(1,1),(2,1)} \oplus 582V^{(1,1),(1,1,1)} \oplus 132V^{(1,1),(4)} \oplus 160V^{(1,1),(3,1)} \oplus 160V^{(1,1),(2,1,1)} \oplus 132V^{(1,1),(1,1,1,1)} \oplus 4V^{(1,1),(4,1)} \oplus 5V^{(1,1),(3,1,1)} \oplus$

Table 23: Table for $\lambda = (6,1)$, $\mu = (3,3,1)$:

$k = 14: \quad 17V^{\varnothing,\varnothing}$
$k = 13: \quad 7898V^{\varnothing,\varnothing} \oplus 113V^{\varnothing,(1)} \oplus 515V^{(1),\varnothing}$
$k = 12: \quad 14974V^{\varnothing,\varnothing} \oplus 6876V^{\varnothing,(1)} \oplus 60V^{\varnothing,(2)} \oplus 60V^{\varnothing,(1,1)} \oplus 7764V^{(1),\varnothing} \oplus 1397V^{(1),(1)} \oplus 148V^{(2),\varnothing} \oplus 117V^{(1,1),\varnothing}$
$k = 11: \quad 14710V^{\varnothing,\varnothing} \oplus 12090V^{\varnothing,(1)} \oplus 2680V^{\varnothing,(2)} \oplus 2680V^{\varnothing,(1,1)} \oplus 25V^{\varnothing,(3)} \oplus 29V^{\varnothing,(2,1)} \oplus 20V^{\varnothing,(1,1,1)} \oplus 13362V^{(1),\varnothing} \oplus 11312V^{(1),(1)} \oplus 389V^{(1),(2)} \oplus 389V^{(1),(1,1)} \oplus 2898V^{(2),\varnothing} \oplus 437V^{(2),(1)} \oplus 1722V^{(1,1),\varnothing} \oplus 339V^{(1,1),(1)} \oplus 40V^{(3),\varnothing} \oplus 31V^{(2,1),\varnothing}$
$k = 10:$ $10682V^{\varnothing,\varnothing} \oplus 10196V^{\varnothing,(1)} \oplus 4170V^{\varnothing,(2)} \oplus 4170V^{\varnothing,(1,1)} \oplus 672V^{\varnothing,(3)} \oplus 1384V^{\varnothing,(2,1)} \oplus 622V^{\varnothing,(1,1,1)} \oplus 11V^{\varnothing,(3,1)} \oplus 11V^{\varnothing,(2,2)} \oplus 9V^{\varnothing,(2,1,1)} \oplus 12610V^{(1),\varnothing} \oplus 19130V^{(1),(1)} \oplus 3976V^{(1),(2)} \oplus 3976V^{(1),(1,1)} \oplus 83V^{(1),(3)} \oplus 91V^{(1),(2,1)} \oplus 71V^{(1),(1,1,1)} \oplus 4566V^{(2),\varnothing} \oplus 4072V^{(2),(1)} \oplus 269V^{(2),(2)} \oplus 269V^{(2),(1,1)} \oplus 2808V^{(1,1),\varnothing} \oplus 3024V^{(1,1),(1)} \oplus 195V^{(1,1),(2)} \oplus 195V^{(1,1),(1,1)} \oplus 1146V^{(3),\varnothing} \oplus 125V^{(3),(1)} \oplus 678V^{(2,1),\varnothing} \oplus 99V^{(2,1),(1)} \oplus 12V^{(4),\varnothing} \oplus 9V^{(3,1),\varnothing}$
$k = 9: \quad 4560V^{\varnothing,\varnothing} \oplus 5880V^{\varnothing,(1)} \oplus 2800V^{\varnothing,(2)} \oplus 2800V^{\varnothing,(1,1)} \oplus 758V^{\varnothing,(3)} \oplus 1758V^{\varnothing,(2,1)} \oplus 758V^{\varnothing,(1,1,1)} \oplus 432V^{\varnothing,(3,1)} \oplus 432V^{\varnothing,(2,2)} \oplus 380V^{\varnothing,(2,1,1)} \oplus 4V^{\varnothing,(3,2)} \oplus 3V^{\varnothing,(3,1,1)} \oplus 3V^{\varnothing,(2,2,1)} \oplus 8394V^{(1),\varnothing} \oplus 17468V^{(1),(1)} \oplus 6414V^{(1),(2)} \oplus 6414V^{(1),(1,1)} \oplus 1224V^{(1),(3)} \oplus 1720V^{(1),(2,1)} \oplus 1176V^{(1),(1,1,1)} \oplus 25V^{(1),(3,1)} \oplus 25V^{(1),(2,2)} \oplus 21V^{(1),(2,1,1)} \oplus 3576V^{(2),\varnothing} \oplus 6414V^{(2),(1)} \oplus 1508V^{(2),(2)} \oplus 1508V^{(2),(1,1)} \oplus 83V^{(2),(3)} \oplus 91V^{(2),(2,1)} \oplus 71V^{(2),(1,1,1)} \oplus 2376V^{(1,1),\varnothing} \oplus 5082V^{(1,1),(1)} \oplus 1092V^{(1,1),(2)} \oplus 1092V^{(1,1),(1,1)} \oplus 42V^{(1,1),(3)} \oplus 46V^{(1,1),(2,1)} \oplus 36V^{(1,1),(1,1,1)} \oplus 1478V^{(3),\varnothing} \oplus 1560V^{(3),(1)} \oplus 101V^{(3),(2)} \oplus 101V^{(3),(1,1)} \oplus 928V^{(2,1),\varnothing} \oplus 1160V^{(2,1),(1)} \oplus 75V^{(2,1),(2)} \oplus 75V^{(2,1),(1,1)} \oplus 492V^{(4),\varnothing} \oplus 35V^{(4),(1)} \oplus 288V^{(3,1),\varnothing} \oplus 27V^{(3,1),(1)} \oplus 4V^{(5),\varnothing} \oplus 3V^{(4,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 1620V^{\varnothing,(1)} \oplus 1056V^{\varnothing,(2)} \oplus 1056V^{\varnothing,(1,1)} \oplus 332V^{\varnothing,(3)} \oplus 852V^{\varnothing,(2,1)} \oplus 332V^{\varnothing,(1,1,1)} \oplus 336V^{\varnothing,(3,1)} \oplus 336V^{\varnothing,(2,2)} \oplus 336V^{\varnothing,(2,1,1)} \oplus 164V^{\varnothing,(3,2)} \oplus 88V^{\varnothing,(3,1,1)} \oplus 88V^{\varnothing,(2,2,1)} \oplus V^{\varnothing,(3,3)} \oplus V^{\varnothing,(3,2,1)} \oplus 3456V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 5136V^{(1),(2)} \oplus 5136V^{(1),(1,1)} \oplus 1794V^{(1),(3)} \oplus 2466V^{(1),(2,1)} \oplus 1794V^{(1),(1,1,1)} \oplus 592V^{(1),(3,1)} \oplus 592V^{(1),(2,2)} \oplus 552V^{(1),(2,1,1)} \oplus 9V^{(1),(3,2)} \oplus 7V^{(1),(3,1,1)} \oplus 7V^{(1),(2,2,1)} \oplus 1776V^{(2),\varnothing} \oplus 5136V^{(2),(1)} \oplus 2186V^{(2),(2)} \oplus 2186V^{(2),(1,1)} \oplus 452V^{(2),(3)} \oplus 644V^{(2),(2,1)} \oplus 428V^{(2),(1,1,1)} \oplus 25V^{(2),(3,1)} \oplus 25V^{(2),(2,2)} \oplus 21V^{(2),(2,1,1)} \oplus 1308V^{(1,1),\varnothing} \oplus 4352V^{(1,1),(1)} \oplus 1718V^{(1,1),(2)} \oplus 1718V^{(1,1),(1,1)} \oplus 356V^{(1,1),(3)} \oplus 452V^{(1,1),(2,1)} \oplus 344V^{(1,1),(1,1,1)} \oplus 13V^{(1,1),(3,1)} \oplus 13V^{(1,1),(2,2)} \oplus 11V^{(1,1),(2,1,1)} \oplus 856V^{(3),\varnothing} \oplus 2166V^{(3),(1)} \oplus 588V^{(3),(2)} \oplus 588V^{(3),(1,1)} \oplus 59V^{(3),(3)} \oplus 67V^{(3),(2,1)} \oplus 47V^{(3),(1,1,1)} \oplus 596V^{(2,1),\varnothing} \oplus 1758V^{(2,1),(1)} \oplus 424V^{(2,1),(2)} \oplus 424V^{(2,1),(1,1)} \oplus 42V^{(2,1),(3)} \oplus 46V^{(2,1),(2,1)} \oplus 36V^{(2,1),(1,1,1)} \oplus 426V^{(4),\varnothing} \oplus 632V^{(4),(1)} \oplus 35V^{(4),(2)} \oplus 35V^{(4),(1,1)} \oplus 276V^{(3,1),\varnothing} \oplus 468V^{(3,1),(1)} \oplus 27V^{(3,1),(2)} \oplus 27V^{(3,1),(1,1)} \oplus 194V^{(5),\varnothing} \oplus 11V^{(5),(1)} \oplus 118V^{(4,1),\varnothing} \oplus 9V^{(4,1),(1)} \oplus V^{(6),\varnothing} \oplus V^{(5,1),\varnothing}$
$k = 7: \quad 36V^{\varnothing,(1)} \oplus 30V^{\varnothing,(2)} \oplus 30V^{\varnothing,(1,1)} \oplus 24V^{\varnothing,(3)} \oplus 24V^{\varnothing,(2,1)} \oplus 24V^{\varnothing,(1,1,1)} \oplus 18V^{\varnothing,(3,1)} \oplus 18V^{\varnothing,(2,2)} \oplus 18V^{\varnothing,(2,1,1)} \oplus 12V^{\varnothing,(3,2)} \oplus 12V^{\varnothing,(3,1,1)} \oplus 12V^{\varnothing,(2,2,1)} \oplus 6V^{\varnothing,(3,3)} \oplus 6V^{\varnothing,(3,2,1)} \oplus 441V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1200V^{(1),(3)} \oplus 1520V^{(1),(2,1)} \oplus 1200V^{(1),(1,1,1)} \oplus 650V^{(1),(3,1)} \oplus 650V^{(1),(2,2)} \oplus 650V^{(1),(2,1,1)} \oplus 256V^{(1),(3,2)} \oplus 204V^{(1),(3,1,1)} \oplus 204V^{(1),(2,2,1)} \oplus 3V^{(1),(3,3)} \oplus 3V^{(1),(3,2,1)} \oplus 336V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1544V^{(2),(2)} \oplus 1544V^{(2),(1,1)} \oplus 606V^{(2),(3)} \oplus 846V^{(2),(2,1)} \oplus 606V^{(2),(1,1,1)} \oplus 216V^{(2),(3,1)} \oplus 216V^{(2),(2,2)} \oplus 200V^{(2),(2,1,1)} \oplus 9V^{(2),(3,2)} \oplus 7V^{(2),(3,1,1)} \oplus 7V^{(2),(2,2,1)} \oplus 336V^{(1,1),\varnothing} \oplus 2580V^{(1,1),(1)} \oplus 1316V^{(1,1),(2)} \oplus 1316V^{(1,1),(1,1)} \oplus 528V^{(1,1),(3)} \oplus 648V^{(1,1),(2,1)} \oplus 528V^{(1,1),(1,1,1)} \oplus 160V^{(1,1),(3,1)} \oplus 160V^{(1,1),(2,2)} \oplus 152V^{(1,1),(2,1,1)} \oplus 5V^{(1,1),(3,2)} \oplus 4V^{(1,1),(3,1,1)} \oplus 4V^{(1,1),(2,2,1)} \oplus 168V^{(3),\varnothing} \oplus 1360V^{(3),(1)} \oplus 738V^{(3),(2)} \oplus 738V^{(3),(1,1)} \oplus 188V^{(3),(3)} \oplus 268V^{(3),(2,1)} \oplus 176V^{(3),(1,1,1)} \oplus 25V^{(3),(3,1)} \oplus 25V^{(3),(2,2)} \oplus 21V^{(3),(2,1,1)} \oplus 168V^{(2,1),\varnothing} \oplus 1200V^{(2,1),(1)} \oplus 594V^{(2,1),(2)} \oplus 594V^{(2,1),(1,1)} \oplus 144V^{(2,1),(3)} \oplus$

Table 24: Table for $\lambda = (6,1)$, $\mu = (3,2,2)$:

$k = 14: \quad 17V^{\varnothing,\varnothing}$
$k = 13: \quad 7898V^{\varnothing,\varnothing} \oplus 113V^{\varnothing,(1)} \oplus 515V^{(1),\varnothing}$
$k = 12: \quad 14974V^{\varnothing,\varnothing} \oplus 6876V^{\varnothing,(1)} \oplus 60V^{\varnothing,(2)} \oplus 60V^{\varnothing,(1,1)} \oplus 7764V^{(1),\varnothing} \oplus 1397V^{(1),(1)} \oplus 148V^{(2),\varnothing} \oplus 117V^{(1,1),\varnothing}$
$k = 11: \quad 14710V^{\varnothing,\varnothing} \oplus 12090V^{\varnothing,(1)} \oplus 2680V^{\varnothing,(2)} \oplus 2680V^{\varnothing,(1,1)} \oplus 20V^{\varnothing,(3)} \oplus 29V^{\varnothing,(2,1)} \oplus 25V^{\varnothing,(1,1,1)} \oplus 13362V^{(1),\varnothing} \oplus 11312V^{(1),(1)} \oplus 389V^{(1),(2)} \oplus 389V^{(1),(1,1)} \oplus 2898V^{(2),\varnothing} \oplus 437V^{(2),(1)} \oplus 1722V^{(1,1),\varnothing} \oplus 339V^{(1,1),(1)} \oplus 40V^{(3),\varnothing} \oplus 31V^{(2,1),\varnothing}$
$k = 10:$ $10682V^{\varnothing,\varnothing} \oplus 10196V^{\varnothing,(1)} \oplus 4170V^{\varnothing,(2)} \oplus 4170V^{\varnothing,(1,1)} \oplus 622V^{\varnothing,(3)} \oplus 1384V^{\varnothing,(2,1)} \oplus 672V^{\varnothing,(1,1,1)} \oplus 9V^{\varnothing,(3,1)} \oplus 11V^{\varnothing,(2,2)} \oplus 11V^{\varnothing,(2,1,1)} \oplus 12610V^{(1),\varnothing} \oplus 19130V^{(1),(1)} \oplus 3976V^{(1),(2)} \oplus 3976V^{(1),(1,1)} \oplus 71V^{(1),(3)} \oplus 91V^{(1),(2,1)} \oplus 83V^{(1),(1,1,1)} \oplus 4566V^{(2),\varnothing} \oplus 4072V^{(2),(1)} \oplus 269V^{(2),(2)} \oplus 269V^{(2),(1,1)} \oplus 2808V^{(1,1),\varnothing} \oplus 3024V^{(1,1),(1)} \oplus 195V^{(1,1),(2)} \oplus 195V^{(1,1),(1,1)} \oplus 1146V^{(3),\varnothing} \oplus 125V^{(3),(1)} \oplus 678V^{(2,1),\varnothing} \oplus 99V^{(2,1),(1)} \oplus 12V^{(4),\varnothing} \oplus 9V^{(3,1),\varnothing}$
$k = 9: \quad 4560V^{\varnothing,\varnothing} \oplus 5880V^{\varnothing,(1)} \oplus 2800V^{\varnothing,(2)} \oplus 2800V^{\varnothing,(1,1)} \oplus 758V^{\varnothing,(3)} \oplus 1758V^{\varnothing,(2,1)} \oplus 758V^{\varnothing,(1,1,1)} \oplus 380V^{\varnothing,(3,1)} \oplus 432V^{\varnothing,(2,2)} \oplus 432V^{\varnothing,(2,1,1)} \oplus 3V^{\varnothing,(3,2)} \oplus 3V^{\varnothing,(3,1,1)} \oplus 4V^{\varnothing,(2,2,1)} \oplus 8394V^{(1),\varnothing} \oplus 17468V^{(1),(1)} \oplus 6414V^{(1),(2)} \oplus 6414V^{(1),(1,1)} \oplus 1176V^{(1),(3)} \oplus 1720V^{(1),(2,1)} \oplus 1224V^{(1),(1,1,1)} \oplus 21V^{(1),(3,1)} \oplus 25V^{(1),(2,2)} \oplus 25V^{(1),(2,1,1)} \oplus 3576V^{(2),\varnothing} \oplus 6414V^{(2),(1)} \oplus 1508V^{(2),(2)} \oplus 1508V^{(2),(1,1)} \oplus 71V^{(2),(3)} \oplus 91V^{(2),(2,1)} \oplus 83V^{(2),(1,1,1)} \oplus 2376V^{(1,1),\varnothing} \oplus 5082V^{(1,1),(1)} \oplus 1092V^{(1,1),(2)} \oplus 1092V^{(1,1),(1,1)} \oplus 36V^{(1,1),(3)} \oplus 46V^{(1,1),(2,1)} \oplus 42V^{(1,1),(1,1,1)} \oplus 1478V^{(3),\varnothing} \oplus 1560V^{(3),(1)} \oplus 101V^{(3),(2)} \oplus 101V^{(3),(1,1)} \oplus 928V^{(2,1),\varnothing} \oplus 1160V^{(2,1),(1)} \oplus 75V^{(2,1),(2)} \oplus 75V^{(2,1),(1,1)} \oplus 492V^{(4),\varnothing} \oplus 35V^{(4),(1)} \oplus 288V^{(3,1),\varnothing} \oplus 27V^{(3,1),(1)} \oplus 4V^{(5),\varnothing} \oplus 3V^{(4,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 1620V^{\varnothing,(1)} \oplus 1056V^{\varnothing,(2)} \oplus 1056V^{\varnothing,(1,1)} \oplus 332V^{\varnothing,(3)} \oplus 852V^{\varnothing,(2,1)} \oplus 332V^{\varnothing,(1,1,1)} \oplus 336V^{\varnothing,(3,1)} \oplus 336V^{\varnothing,(2,2)} \oplus 336V^{\varnothing,(2,1,1)} \oplus 88V^{\varnothing,(3,2)} \oplus 88V^{\varnothing,(3,1,1)} \oplus 164V^{\varnothing,(2,2,1)} \oplus V^{\varnothing,(3,2,1)} \oplus V^{\varnothing,(2,2,2)} \oplus 3456V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 5136V^{(1),(2)} \oplus 5136V^{(1),(1,1)} \oplus 1794V^{(1),(3)} \oplus 2466V^{(1),(2,1)} \oplus 1794V^{(1),(1,1,1)} \oplus 552V^{(1),(3,1)} \oplus 592V^{(1),(2,2)} \oplus 592V^{(1),(2,1,1)} \oplus 7V^{(1),(3,2)} \oplus 7V^{(1),(3,1,1)} \oplus 9V^{(1),(2,2,1)} \oplus 1776V^{(2),\varnothing} \oplus 5136V^{(2),(1)} \oplus 2186V^{(2),(2)} \oplus 2186V^{(2),(1,1)} \oplus 428V^{(2),(3)} \oplus 644V^{(2),(2,1)} \oplus 452V^{(2),(1,1,1)} \oplus 21V^{(2),(3,1)} \oplus 25V^{(2),(2,2)} \oplus 25V^{(2),(2,1,1)} \oplus 1308V^{(1,1),\varnothing} \oplus 4352V^{(1,1),(1)} \oplus 1718V^{(1,1),(2)} \oplus 1718V^{(1,1),(1,1)} \oplus 344V^{(1,1),(3)} \oplus 452V^{(1,1),(2,1)} \oplus 356V^{(1,1),(1,1,1)} \oplus 11V^{(1,1),(3,1)} \oplus 13V^{(1,1),(2,2)} \oplus 13V^{(1,1),(2,1,1)} \oplus 856V^{(3),\varnothing} \oplus 2166V^{(3),(1)} \oplus 588V^{(3),(2)} \oplus 588V^{(3),(1,1)} \oplus 47V^{(3),(3)} \oplus 67V^{(3),(2,1)} \oplus 59V^{(3),(1,1,1)} \oplus 596V^{(2,1),\varnothing} \oplus 1758V^{(2,1),(1)} \oplus 424V^{(2,1),(2)} \oplus 424V^{(2,1),(1,1)} \oplus 36V^{(2,1),(3)} \oplus 46V^{(2,1),(2,1)} \oplus 42V^{(2,1),(1,1,1)} \oplus 426V^{(4),\varnothing} \oplus 632V^{(4),(1)} \oplus 35V^{(4),(2)} \oplus 35V^{(4),(1,1)} \oplus 276V^{(3,1),\varnothing} \oplus 468V^{(3,1),(1)} \oplus 27V^{(3,1),(2)} \oplus 27V^{(3,1),(1,1)} \oplus 194V^{(5),\varnothing} \oplus 11V^{(5),(1)} \oplus 118V^{(4,1),\varnothing} \oplus 9V^{(4,1),(1)} \oplus V^{(6),\varnothing} \oplus V^{(5,1),\varnothing}$
$k = 7: \quad 36V^{\varnothing,(1)} \oplus 30V^{\varnothing,(2)} \oplus 30V^{\varnothing,(1,1)} \oplus 24V^{\varnothing,(3)} \oplus 24V^{\varnothing,(2,1)} \oplus 24V^{\varnothing,(1,1,1)} \oplus 18V^{\varnothing,(3,1)} \oplus 18V^{\varnothing,(2,2)} \oplus 18V^{\varnothing,(2,1,1)} \oplus 12V^{\varnothing,(3,2)} \oplus 12V^{\varnothing,(3,1,1)} \oplus 12V^{\varnothing,(2,2,1)} \oplus 6V^{\varnothing,(3,2,1)} \oplus 6V^{\varnothing,(2,2,2)} \oplus 441V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1200V^{(1),(3)} \oplus 1520V^{(1),(2,1)} \oplus 1200V^{(1),(1,1,1)} \oplus 650V^{(1),(3,1)} \oplus 650V^{(1),(2,2)} \oplus 650V^{(1),(2,1,1)} \oplus 204V^{(1),(3,2)} \oplus 204V^{(1),(3,1,1)} \oplus 256V^{(1),(2,2,1)} \oplus 3V^{(1),(3,2,1)} \oplus 3V^{(1),(2,2,2)} \oplus 336V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1544V^{(2),(2)} \oplus 1544V^{(2),(1,1)} \oplus 606V^{(2),(3)} \oplus 846V^{(2),(2,1)} \oplus 606V^{(2),(1,1,1)} \oplus 200V^{(2),(3,1)} \oplus 216V^{(2),(2,2)} \oplus 216V^{(2),(2,1,1)} \oplus 7V^{(2),(3,2)} \oplus 7V^{(2),(3,1,1)} \oplus 9V^{(2),(2,2,1)} \oplus 336V^{(1,1),\varnothing} \oplus 2580V^{(1,1),(1)} \oplus 1316V^{(1,1),(2)} \oplus 1316V^{(1,1),(1,1)} \oplus 528V^{(1,1),(3)} \oplus 648V^{(1,1),(2,1)} \oplus 528V^{(1,1),(1,1,1)} \oplus 152V^{(1,1),(3,1)} \oplus 160V^{(1,1),(2,2)} \oplus 160V^{(1,1),(2,1,1)} \oplus 4V^{(1,1),(3,2)} \oplus 4V^{(1,1),(3,1,1)} \oplus 5V^{(1,1),(2,2,1)} \oplus 168V^{(3),\varnothing} \oplus 1360V^{(3),(1)} \oplus 738V^{(3),(2)} \oplus 738V^{(3),(1,1)} \oplus 176V^{(3),(3)} \oplus 268V^{(3),(2,1)} \oplus 188V^{(3),(1,1,1)} \oplus 21V^{(3),(3,1)} \oplus 25V^{(3),(2,2)} \oplus 25V^{(3),(2,1,1)} \oplus 168V^{(2,1),\varnothing} \oplus 1200V^{(2,1),(1)} \oplus 594V^{(2,1),(2)} \oplus 594V^{(2,1),(1,1)} \oplus 138V^{(2,1),(3)} \oplus$

Table 25: Table for $\lambda = (6,1)$, $\mu = (3,2,1,1)$:

$k = 14: \quad 17V^{\varnothing,\varnothing}$
$k = 13: \quad 7982V^{\varnothing,\varnothing} \oplus 145V^{\varnothing,(1)} \oplus 705V^{(1),\varnothing}$
$k = 12: \quad 15142V^{\varnothing,\varnothing} \oplus 7190V^{\varnothing,(1)} \oplus 75V^{\varnothing,(2)} \oplus 77V^{\varnothing,(1,1)} \oplus 8908V^{(1),\varnothing} \oplus 1697V^{(1),(1)} \oplus 166V^{(2),\varnothing} \oplus 134V^{(1,1),\varnothing}$
$k = 11: \quad 14878V^{\varnothing,\varnothing} \oplus 12420V^{\varnothing,(1)} \oplus 2820V^{\varnothing,(2)} \oplus 3028V^{\varnothing,(1,1)} \oplus 25V^{\varnothing,(3)} \oplus 36V^{\varnothing,(2,1)} \oplus 33V^{\varnothing,(1,1,1)} \oplus 15474V^{(1),\varnothing} \oplus 11936V^{(1),(1)} \oplus 449V^{(1),(2)} \oplus 453V^{(1),(1,1)} \oplus 3270V^{(2),\varnothing} \oplus 617V^{(2),(1)} \oplus 2090V^{(1,1),\varnothing} \oplus 489V^{(1,1),(1)} \oplus 41V^{(3),\varnothing} \oplus 32V^{(2,1),\varnothing}$
$k = 10: \quad 10766V^{\varnothing,\varnothing} \oplus 10316V^{\varnothing,(1)} \oplus 4260V^{\varnothing,(2)} \oplus 4560V^{\varnothing,(1,1)} \oplus 672V^{\varnothing,(3)} \oplus 1538V^{\varnothing,(2,1)} \oplus 1130V^{\varnothing,(1,1,1)} \oplus 11V^{\varnothing,(3,1)} \oplus 11V^{\varnothing,(2,2)} \oplus 14V^{\varnothing,(2,1,1)} \oplus 10V^{\varnothing,(1,1,1,1)} \oplus 15214V^{(1),\varnothing} \oplus 19442V^{(1),(1)} \oplus 4168V^{(1),(2)} \oplus 4328V^{(1),(1,1)} \oplus 83V^{(1),(3)} \oplus 107V^{(1),(2,1)} \oplus 101V^{(1),(1,1,1)} \oplus 5266V^{(2),\varnothing} \oplus 4264V^{(2),(1)} \oplus 329V^{(2),(2)} \oplus 333V^{(2),(1,1)} \oplus 3508V^{(1,1),\varnothing} \oplus 3120V^{(1,1),(1)} \oplus 225V^{(1,1),(2)} \oplus 227V^{(1,1),(1,1)} \oplus 1286V^{(3),\varnothing} \oplus 161V^{(3),(1)} \oplus 818V^{(2,1),\varnothing} \oplus 129V^{(2,1),(1)} \oplus 12V^{(4),\varnothing} \oplus 9V^{(3,1),\varnothing}$
$k = 9: \quad 4560V^{\varnothing,\varnothing} \oplus 5880V^{\varnothing,(1)} \oplus 2800V^{\varnothing,(2)} \oplus 2960V^{\varnothing,(1,1)} \oplus 758V^{\varnothing,(3)} \oplus 1858V^{\varnothing,(2,1)} \oplus 1308V^{\varnothing,(1,1,1)} \oplus 432V^{\varnothing,(3,1)} \oplus 432V^{\varnothing,(2,2)} \oplus 636V^{\varnothing,(2,1,1)} \oplus 280V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(3,2)} \oplus 4V^{\varnothing,(3,1,1)} \oplus 4V^{\varnothing,(2,2,1)} \oplus 4V^{\varnothing,(2,1,1,1)} \oplus 11425V^{(1),\varnothing} \oplus 17540V^{(1),(1)} \oplus 6486V^{(1),(2)} \oplus 6702V^{(1),(1,1)} \oplus 1224V^{(1),(3)} \oplus 1848V^{(1),(2,1)} \oplus 1560V^{(1),(1,1,1)} \oplus 25V^{(1),(3,1)} \oplus 25V^{(1),(2,2)} \oplus 31V^{(1),(2,1,1)} \oplus 23V^{(1),(1,1,1,1)} \oplus 4360V^{(2),\varnothing} \oplus 6486V^{(2),(1)} \oplus 1604V^{(2),(2)} \oplus 1668V^{(2),(1,1)} \oplus 83V^{(2),(3)} \oplus 107V^{(2),(2,1)} \oplus 101V^{(2),(1,1,1)} \oplus 3160V^{(1,1),\varnothing} \oplus 5118V^{(1,1),(1)} \oplus 1140V^{(1,1),(2)} \oplus 1172V^{(1,1),(1,1)} \oplus 42V^{(1,1),(3)} \oplus 54V^{(1,1),(2,1)} \oplus 51V^{(1,1),(1,1,1)} \oplus 1730V^{(3),\varnothing} \oplus 1608V^{(3),(1)} \oplus 137V^{(3),(2)} \oplus 141V^{(3),(1,1)} \oplus 1180V^{(2,1),\varnothing} \oplus 1184V^{(2,1),(1)} \oplus 105V^{(2,1),(2)} \oplus 107V^{(2,1),(1,1)} \oplus 548V^{(4),\varnothing} \oplus 41V^{(4),(1)} \oplus 344V^{(3,1),\varnothing} \oplus 33V^{(3,1),(1)} \oplus 4V^{(5),\varnothing} \oplus 3V^{(4,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 1620V^{\varnothing,(1)} \oplus 1056V^{\varnothing,(2)} \oplus 1056V^{\varnothing,(1,1)} \oplus 332V^{\varnothing,(3)} \oplus 852V^{\varnothing,(2,1)} \oplus 592V^{\varnothing,(1,1,1)} \oplus 336V^{\varnothing,(3,1)} \oplus 336V^{\varnothing,(2,2)} \oplus 486V^{\varnothing,(2,1,1)} \oplus 186V^{\varnothing,(1,1,1,1)} \oplus 88V^{\varnothing,(3,2)} \oplus 164V^{\varnothing,(3,1,1)} \oplus 164V^{\varnothing,(2,2,1)} \oplus 164V^{\varnothing,(2,1,1,1)} \oplus V^{\varnothing,(3,2,1)} \oplus V^{\varnothing,(3,1,1,1)} \oplus V^{\varnothing,(2,2,1,1)} \oplus 5640V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 5136V^{(1),(2)} \oplus 5232V^{(1),(1,1)} \oplus 1794V^{(1),(3)} \oplus 2538V^{(1),(2,1)} \oplus 2166V^{(1),(1,1,1)} \oplus 592V^{(1),(3,1)} \oplus 592V^{(1),(2,2)} \oplus 736V^{(1),(2,1,1)} \oplus 488V^{(1),(1,1,1,1)} \oplus 7V^{(1),(3,2)} \oplus 9V^{(1),(3,1,1)} \oplus 9V^{(1),(2,2,1)} \oplus 9V^{(1),(2,1,1,1)} \oplus 2511V^{(2),\varnothing} \oplus 5136V^{(2),(1)} \oplus 2210V^{(2),(2)} \oplus 2282V^{(2),(1,1)} \oplus 452V^{(2),(3)} \oplus 700V^{(2),(2,1)} \oplus 588V^{(2),(1,1,1)} \oplus 25V^{(2),(3,1)} \oplus 25V^{(2),(2,2)} \oplus 31V^{(2),(2,1,1)} \oplus 23V^{(2),(1,1,1,1)} \oplus 2043V^{(1,1),\varnothing} \oplus 4352V^{(1,1),(1)} \oplus 1730V^{(1,1),(2)} \oplus 1766V^{(1,1),(1,1)} \oplus 356V^{(1,1),(3)} \oplus 480V^{(1,1),(2,1)} \oplus 424V^{(1,1),(1,1,1)} \oplus 13V^{(1,1),(3,1)} \oplus 13V^{(1,1),(2,2)} \oplus 16V^{(1,1),(2,1,1)} \oplus 12V^{(1,1),(1,1,1,1)} \oplus 1080V^{(3),\varnothing} \oplus 2166V^{(3),(1)} \oplus 612V^{(3),(2)} \oplus 644V^{(3),(1,1)} \oplus 59V^{(3),(3)} \oplus 83V^{(3),(2,1)} \oplus 77V^{(3),(1,1,1)} \oplus 820V^{(2,1),\varnothing} \oplus 1758V^{(2,1),(1)} \oplus 436V^{(2,1),(2)} \oplus 452V^{(2,1),(1,1)} \oplus 42V^{(2,1),(3)} \oplus 54V^{(2,1),(2,1)} \oplus 51V^{(2,1),(1,1,1)} \oplus 510V^{(4),\varnothing} \oplus 632V^{(4),(1)} \oplus 41V^{(4),(2)} \oplus 45V^{(4),(1,1)} \oplus 360V^{(3,1),\varnothing} \oplus 468V^{(3,1),(1)} \oplus 33V^{(3,1),(2)} \oplus 35V^{(3,1),(1,1)} \oplus 222V^{(5),\varnothing} \oplus 11V^{(5),(1)} \oplus 146V^{(4,1),\varnothing} \oplus 9V^{(4,1),(1)} \oplus V^{(6),\varnothing} \oplus V^{(5,1),\varnothing}$
$k = 7: \quad 36V^{\varnothing,(1)} \oplus 30V^{\varnothing,(2)} \oplus 30V^{\varnothing,(1,1)} \oplus 24V^{\varnothing,(3)} \oplus 24V^{\varnothing,(2,1)} \oplus 24V^{\varnothing,(1,1,1)} \oplus 18V^{\varnothing,(3,1)} \oplus 18V^{\varnothing,(2,2)} \oplus 18V^{\varnothing,(2,1,1)} \oplus 18V^{\varnothing,(1,1,1,1)} \oplus 12V^{\varnothing,(3,2)} \oplus 12V^{\varnothing,(3,1,1)} \oplus 12V^{\varnothing,(2,2,1)} \oplus 12V^{\varnothing,(2,1,1,1)} \oplus 6V^{\varnothing,(3,2,1)} \oplus 6V^{\varnothing,(3,1,1,1)} \oplus 6V^{\varnothing,(2,2,1,1)} \oplus 1225V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1200V^{(1),(3)} \oplus 1520V^{(1),(2,1)} \oplus 1360V^{(1),(1,1,1)} \oplus 650V^{(1),(3,1)} \oplus 650V^{(1),(2,2)} \oplus 750V^{(1),(2,1,1)} \oplus 550V^{(1),(1,1,1,1)} \oplus 204V^{(1),(3,2)} \oplus 256V^{(1),(3,1,1)} \oplus 256V^{(1),(2,2,1)} \oplus 256V^{(1),(2,1,1,1)} \oplus 3V^{(1),(3,2,1)} \oplus 3V^{(1),(3,1,1,1)} \oplus 3V^{(1),(2,2,1,1)} \oplus 700V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1544V^{(2),(2)} \oplus 1568V^{(2),(1,1)} \oplus 606V^{(2),(3)} \oplus 870V^{(2),(2,1)} \oplus 738V^{(2),(1,1,1)} \oplus 216V^{(2),(3,1)} \oplus 216V^{(2),(2,2)} \oplus 272V^{(2),(2,1,1)} \oplus 176V^{(2),(1,1,1,1)} \oplus 7V^{(2),(3,2)} \oplus 9V^{(2),(3,1,1)} \oplus 9V^{(2),(2,2,1)} \oplus 9V^{(2),(2,1,1,1)} \oplus 700V^{(1,1),\varnothing} \oplus 2580V^{(1,1),(1)} \oplus 1316V^{(1,1),(2)} \oplus 1328V^{(1,1),(1,1)} \oplus 528V^{(1,1),(3)} \oplus 660V^{(1,1),(2,1)} \oplus 594V^{(1,1),(1,1,1)} \oplus 160V^{(1,1),(3,1)} \oplus 160V^{(1,1),(2,2)} \oplus 188V^{(1,1),(2,1,1)} \oplus 140V^{(1,1),(1,1,1,1)} \oplus$

Table 26: Table for $\lambda = (6,1)$, $\mu = (3,1,1,1,1)$:

$k = 14: \quad 17V^{\varnothing,\varnothing}$
$k = 13: \quad 7862V^{\varnothing,\varnothing} \oplus 113V^{\varnothing,(1)} \oplus 287V^{(1),\varnothing}$
$k = 12: \quad 14902V^{\varnothing,\varnothing} \oplus 6876V^{\varnothing,(1)} \oplus 53V^{\varnothing,(2)} \oplus 60V^{\varnothing,(1,1)} \oplus 7128V^{(1),\varnothing} \oplus 1397V^{(1),(1)} \oplus 109V^{(2),\varnothing} \oplus 81V^{(1,1),\varnothing}$
$k = 11: \quad 14638V^{\varnothing,\varnothing} \oplus 12090V^{\varnothing,(1)} \oplus 2372V^{\varnothing,(2)} \oplus 2680V^{\varnothing,(1,1)} \oplus 18V^{\varnothing,(3)} \oplus 26V^{\varnothing,(2,1)} \oplus 28V^{\varnothing,(1,1,1)} \oplus 12426V^{(1),\varnothing} \oplus 11312V^{(1),(1)} \oplus 373V^{(1),(2)} \oplus 389V^{(1),(1,1)} \oplus 2718V^{(2),\varnothing} \oplus 437V^{(2),(1)} \oplus 1554V^{(1,1),\varnothing} \oplus 339V^{(1,1),(1)} \oplus 37V^{(3),\varnothing} \oplus 28V^{(2,1),\varnothing}$
$k = 10:$ $10646V^{\varnothing,\varnothing} \oplus 10196V^{\varnothing,(1)} \oplus 3780V^{\varnothing,(2)} \oplus 4170V^{\varnothing,(1,1)} \oplus 518V^{\varnothing,(3)} \oplus 976V^{\varnothing,(2,1)} \oplus 1080V^{\varnothing,(1,1,1)} \oplus 8V^{\varnothing,(3,1)} \oplus 11V^{\varnothing,(2,1,1)} \oplus 11V^{\varnothing,(1,1,1,1)} \oplus 11494V^{(1),\varnothing} \oplus 19130V^{(1),(1)} \oplus 3720V^{(1),(2)} \oplus 3976V^{(1),(1,1)} \oplus 67V^{(1),(3)} \oplus 85V^{(1),(2,1)} \oplus 89V^{(1),(1,1,1)} \oplus 4266V^{(2),\varnothing} \oplus 4072V^{(2),(1)} \oplus 253V^{(2),(2)} \oplus 269V^{(2),(1,1)} \oplus 2508V^{(1,1),\varnothing} \oplus 3024V^{(1,1),(1)} \oplus 187V^{(1,1),(2)} \oplus 195V^{(1,1),(1,1)} \oplus 1086V^{(3),\varnothing} \oplus 125V^{(3),(1)} \oplus 618V^{(2,1),\varnothing} \oplus 99V^{(2,1),(1)} \oplus 12V^{(4),\varnothing} \oplus 9V^{(3,1),\varnothing}$
$k = 9: \quad 4560V^{\varnothing,\varnothing} \oplus 5880V^{\varnothing,(1)} \oplus 2640V^{\varnothing,(2)} \oplus 2800V^{\varnothing,(1,1)} \oplus 658V^{\varnothing,(3)} \oplus 1208V^{\varnothing,(2,1)} \oplus 1308V^{\varnothing,(1,1,1)} \oplus 228V^{\varnothing,(3,1)} \oplus 432V^{\varnothing,(2,1,1)} \oplus 432V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(3,1,1)} \oplus 4V^{\varnothing,(2,1,1,1)} \oplus 3V^{\varnothing,(1,1,1,1,1)} \oplus 7185V^{(1),\varnothing} \oplus 17468V^{(1),(1)} \oplus 6126V^{(1),(2)} \oplus 6414V^{(1),(1,1)} \oplus 1096V^{(1),(3)} \oplus 1432V^{(1),(2,1)} \oplus 1512V^{(1),(1,1,1)} \oplus 19V^{(1),(3,1)} \oplus 25V^{(1),(2,1,1)} \oplus 25V^{(1),(1,1,1,1)} \oplus 3240V^{(2),\varnothing} \oplus 6414V^{(2),(1)} \oplus 1396V^{(2),(2)} \oplus 1508V^{(2),(1,1)} \oplus 67V^{(2),(3)} \oplus 85V^{(2),(2,1)} \oplus 89V^{(2),(1,1,1)} \oplus 2040V^{(1,1),\varnothing} \oplus 5082V^{(1,1),(1)} \oplus 1036V^{(1,1),(2)} \oplus 1092V^{(1,1),(1,1)} \oplus 34V^{(1,1),(3)} \oplus 43V^{(1,1),(2,1)} \oplus 45V^{(1,1),(1,1,1)} \oplus 1370V^{(3),\varnothing} \oplus 1560V^{(3),(1)} \oplus 85V^{(3),(2)} \oplus 101V^{(3),(1,1)} \oplus 820V^{(2,1),\varnothing} \oplus 1160V^{(2,1),(1)} \oplus 67V^{(2,1),(2)} \oplus 75V^{(2,1),(1,1)} \oplus 468V^{(4),\varnothing} \oplus 35V^{(4),(1)} \oplus 264V^{(3,1),\varnothing} \oplus 27V^{(3,1),(1)} \oplus 4V^{(5),\varnothing} \oplus 3V^{(4,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 1620V^{\varnothing,(1)} \oplus 1056V^{\varnothing,(2)} \oplus 1056V^{\varnothing,(1,1)} \oplus 332V^{\varnothing,(3)} \oplus 592V^{\varnothing,(2,1)} \oplus 592V^{\varnothing,(1,1,1)} \oplus 186V^{\varnothing,(3,1)} \oplus 336V^{\varnothing,(2,1,1)} \oplus 336V^{\varnothing,(1,1,1,1)} \oplus 88V^{\varnothing,(3,1,1)} \oplus 164V^{\varnothing,(2,1,1,1)} \oplus 88V^{\varnothing,(1,1,1,1,1)} \oplus V^{\varnothing,(3,1,1,1)} \oplus V^{\varnothing,(2,1,1,1,1)} \oplus 2430V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 5040V^{(1),(2)} \oplus 5136V^{(1),(1,1)} \oplus 1722V^{(1),(3)} \oplus 2094V^{(1),(2,1)} \oplus 2166V^{(1),(1,1,1)} \oplus 448V^{(1),(3,1)} \oplus 592V^{(1),(2,1,1)} \oplus 592V^{(1),(1,1,1,1)} \oplus 7V^{(1),(3,1,1)} \oplus 9V^{(1),(2,1,1,1)} \oplus 7V^{(1),(1,1,1,1,1)} \oplus 1461V^{(2),\varnothing} \oplus 5136V^{(2),(1)} \oplus 2090V^{(2),(2)} \oplus 2186V^{(2),(1,1)} \oplus 396V^{(2),(3)} \oplus 532V^{(2),(2,1)} \oplus 564V^{(2),(1,1,1)} \oplus 19V^{(2),(3,1)} \oplus 25V^{(2),(2,1,1)} \oplus 25V^{(2),(1,1,1,1)} \oplus 993V^{(1,1),\varnothing} \oplus 4352V^{(1,1),(1)} \oplus 1670V^{(1,1),(2)} \oplus 1718V^{(1,1),(1,1)} \oplus 328V^{(1,1),(3)} \oplus 396V^{(1,1),(2,1)} \oplus 412V^{(1,1),(1,1,1)} \oplus 10V^{(1,1),(3,1)} \oplus 13V^{(1,1),(2,1,1)} \oplus 13V^{(1,1),(1,1,1,1)} \oplus 760V^{(3),\varnothing} \oplus 2166V^{(3),(1)} \oplus 532V^{(3),(2)} \oplus 588V^{(3),(1,1)} \oplus 43V^{(3),(3)} \oplus 61V^{(3),(2,1)} \oplus 65V^{(3),(1,1,1)} \oplus 500V^{(2,1),\varnothing} \oplus 1758V^{(2,1),(1)} \oplus 396V^{(2,1),(2)} \oplus 424V^{(2,1),(1,1)} \oplus 34V^{(2,1),(3)} \oplus 43V^{(2,1),(2,1)} \oplus 45V^{(2,1),(1,1,1)} \oplus 390V^{(4),\varnothing} \oplus 632V^{(4),(1)} \oplus 25V^{(4),(2)} \oplus 35V^{(4),(1,1)} \oplus 240V^{(3,1),\varnothing} \oplus 468V^{(3,1),(1)} \oplus 19V^{(3,1),(2)} \oplus 27V^{(3,1),(1,1)} \oplus 182V^{(5),\varnothing} \oplus 11V^{(5),(1)} \oplus 106V^{(4,1),\varnothing} \oplus 9V^{(4,1),(1)} \oplus V^{(6),\varnothing} \oplus V^{(5,1),\varnothing}$
$k = 7: \quad 36V^{\varnothing,(1)} \oplus 30V^{\varnothing,(2)} \oplus 30V^{\varnothing,(1,1)} \oplus 24V^{\varnothing,(3)} \oplus 24V^{\varnothing,(2,1)} \oplus 24V^{\varnothing,(1,1,1)} \oplus 18V^{\varnothing,(3,1)} \oplus 18V^{\varnothing,(2,1,1)} \oplus 18V^{\varnothing,(1,1,1,1)} \oplus 12V^{\varnothing,(3,1,1)} \oplus 12V^{\varnothing,(2,1,1,1)} \oplus 12V^{\varnothing,(1,1,1,1,1)} \oplus 6V^{\varnothing,(3,1,1,1)} \oplus 6V^{\varnothing,(2,1,1,1,1)} \oplus 225V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1200V^{(1),(3)} \oplus 1360V^{(1),(2,1)} \oplus 1360V^{(1),(1,1,1)} \oplus 550V^{(1),(3,1)} \oplus 650V^{(1),(2,1,1)} \oplus 650V^{(1),(1,1,1,1)} \oplus 204V^{(1),(3,1,1)} \oplus 256V^{(1),(2,1,1,1)} \oplus 204V^{(1),(1,1,1,1,1)} \oplus 3V^{(1),(3,1,1,1)} \oplus 3V^{(1),(2,1,1,1,1)} \oplus 165V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1520V^{(2),(2)} \oplus 1544V^{(2),(1,1)} \oplus 582V^{(2),(3)} \oplus 714V^{(2),(2,1)} \oplus 738V^{(2),(1,1,1)} \oplus 160V^{(2),(3,1)} \oplus 216V^{(2),(2,1,1)} \oplus 216V^{(2),(1,1,1,1)} \oplus 7V^{(2),(3,1,1)} \oplus 9V^{(2),(2,1,1,1)} \oplus 7V^{(2),(1,1,1,1,1)} \oplus 165V^{(1,1),\varnothing} \oplus 2580V^{(1,1),(1)} \oplus 1304V^{(1,1),(2)} \oplus 1316V^{(1,1),(1,1)} \oplus 516V^{(1,1),(3)} \oplus 582V^{(1,1),(2,1)} \oplus 594V^{(1,1),(1,1,1)} \oplus 132V^{(1,1),(3,1)} \oplus 160V^{(1,1),(2,1,1)} \oplus 160V^{(1,1),(1,1,1,1)} \oplus 4V^{(1,1),(3,1,1)} \oplus 5V^{(1,1),(2,1,1,1)} \oplus 4V^{(1,1),(1,1,1,1,1)} \oplus 105V^{(3),\varnothing} \oplus 1360V^{(3),(1)} \oplus 714V^{(3),(2)} \oplus 738V^{(3),(1,1)} \oplus 160V^{(3),(3)} \oplus 220V^{(3),(2,1)} \oplus 236V^{(3),(1,1,1)} \oplus 19V^{(3),(3,1)} \oplus 25V^{(3),(2,1,1)} \oplus 25V^{(3),(1,1,1,1)} \oplus 105V^{(2,1),\varnothing} \oplus$

Table 27: Table for $\lambda = (6,1)$, $\mu = (2,2,2,1)$:

$k = 14: \quad 7V^{\varnothing,\varnothing}$
$k = 13: \quad 7612V^{\varnothing,\varnothing} \oplus 101V^{\varnothing,(1)} \oplus 232V^{(1),\varnothing}$
$k = 12: \quad 14566V^{\varnothing,\varnothing} \oplus 6276V^{\varnothing,(1)} \oplus 52V^{\varnothing,(2)} \oplus 55V^{\varnothing,(1,1)} \oplus 6844V^{(1),\varnothing} \oplus 1345V^{(1),(1)} \oplus 85V^{(2),\varnothing} \oplus 63V^{(1,1),\varnothing}$
$k = 11: \quad 14392V^{\varnothing,\varnothing} \oplus 11130V^{\varnothing,(1)} \oplus 1612V^{\varnothing,(2)} \oplus 2580V^{\varnothing,(1,1)} \oplus 26V^{\varnothing,(2,1)} \oplus 26V^{\varnothing,(1,1,1)} \oplus 12108V^{(1),\varnothing} \oplus 10720V^{(1),(1)} \oplus 371V^{(1),(2)} \oplus 377V^{(1),(1,1)} \oplus 2612V^{(2),\varnothing} \oplus 385V^{(2),(1)} \oplus 1488V^{(1,1),\varnothing} \oplus 313V^{(1,1),(1)} \oplus 30V^{(3),\varnothing} \oplus 22V^{(2,1),\varnothing}$
$k = 10: \quad 10532V^{\varnothing,\varnothing} \oplus 9556V^{\varnothing,(1)} \oplus 2430V^{\varnothing,(2)} \oplus 4080V^{\varnothing,(1,1)} \oplus 976V^{\varnothing,(2,1)} \oplus 976V^{\varnothing,(1,1,1)} \oplus 10V^{\varnothing,(2,2)} \oplus 11V^{\varnothing,(2,1,1)} \oplus 8V^{\varnothing,(1,1,1,1)} \oplus 10476V^{(1),\varnothing} \oplus 18386V^{(1),(1)} \oplus 3200V^{(1),(2)} \oplus 3880V^{(1),(1,1)} \oplus 85V^{(1),(2,1)} \oplus 85V^{(1),(1,1,1)} \oplus 4180V^{(2),\varnothing} \oplus 3816V^{(2),(1)} \oplus 251V^{(2),(2)} \oplus 257V^{(2),(1,1)} \oplus 2440V^{(1,1),\varnothing} \oplus 2896V^{(1,1),(1)} \oplus 186V^{(1,1),(2)} \oplus 189V^{(1,1),(1,1)} \oplus 1056V^{(3),\varnothing} \oplus 97V^{(3),(1)} \oplus 598V^{(2,1),\varnothing} \oplus 73V^{(2,1),(1)} \oplus 11V^{(4),\varnothing} \oplus 8V^{(3,1),\varnothing}$
$k = 9: \quad 4560V^{\varnothing,\varnothing} \oplus 5640V^{\varnothing,(1)} \oplus 1600V^{\varnothing,(2)} \oplus 2800V^{\varnothing,(1,1)} \oplus 1208V^{\varnothing,(2,1)} \oplus 1208V^{\varnothing,(1,1,1)} \oplus 280V^{\varnothing,(2,2)} \oplus 432V^{\varnothing,(2,1,1)} \oplus 228V^{\varnothing,(1,1,1,1)} \oplus 4V^{\varnothing,(2,2,1)} \oplus 3V^{\varnothing,(2,1,1,1)} \oplus 6896V^{(1),\varnothing} \oplus 17084V^{(1),(1)} \oplus 5226V^{(1),(2)} \oplus 6342V^{(1),(1,1)} \oplus 1432V^{(1),(2,1)} \oplus 1432V^{(1),(1,1,1)} \oplus 23V^{(1),(2,2)} \oplus 25V^{(1),(2,1,1)} \oplus 19V^{(1),(1,1,1,1)} \oplus 2960V^{(2),\varnothing} \oplus 6198V^{(2),(1)} \oplus 1196V^{(2),(2)} \oplus 1460V^{(2),(1,1)} \oplus 85V^{(2),(2,1)} \oplus 85V^{(2),(1,1,1)} \oplus 1760V^{(1,1),\varnothing} \oplus 4974V^{(1,1),(1)} \oplus 936V^{(1,1),(2)} \oplus 1068V^{(1,1),(1,1)} \oplus 43V^{(1,1),(2,1)} \oplus 43V^{(1,1),(1,1,1)} \oplus 1352V^{(3),\varnothing} \oplus 1480V^{(3),(1)} \oplus 83V^{(3),(2)} \oplus 89V^{(3),(1,1)} \oplus 802V^{(2,1),\varnothing} \oplus 1120V^{(2,1),(1)} \oplus 66V^{(2,1),(2)} \oplus 69V^{(2,1),(1,1)} \oplus 464V^{(4),\varnothing} \oplus 31V^{(4),(1)} \oplus 260V^{(3,1),\varnothing} \oplus 25V^{(3,1),(1)} \oplus 4V^{(5),\varnothing} \oplus 3V^{(4,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 1620V^{\varnothing,(1)} \oplus 588V^{\varnothing,(2)} \oplus 1056V^{\varnothing,(1,1)} \oplus 592V^{\varnothing,(2,1)} \oplus 592V^{\varnothing,(1,1,1)} \oplus 186V^{\varnothing,(2,2)} \oplus 336V^{\varnothing,(2,1,1)} \oplus 186V^{\varnothing,(1,1,1,1)} \oplus 164V^{\varnothing,(2,2,1)} \oplus 88V^{\varnothing,(2,1,1,1)} \oplus V^{\varnothing,(2,2,2)} \oplus V^{\varnothing,(2,2,1,1)} \oplus 2196V^{(1),\varnothing} \oplus 11828V^{(1),(1)} \oplus 4400V^{(1),(2)} \oplus 5136V^{(1),(1,1)} \oplus 2094V^{(1),(2,1)} \oplus 2094V^{(1),(1,1,1)} \oplus 488V^{(1),(2,2)} \oplus 592V^{(1),(2,1,1)} \oplus 448V^{(1),(1,1,1,1)} \oplus 9V^{(1),(2,2,1)} \oplus 7V^{(1),(2,1,1,1)} \oplus 1356V^{(2),\varnothing} \oplus 5040V^{(2),(1)} \oplus 1766V^{(2),(2)} \oplus 2162V^{(2),(1,1)} \oplus 532V^{(2),(2,1)} \oplus 532V^{(2),(1,1,1)} \oplus 23V^{(2),(2,2)} \oplus 25V^{(2),(2,1,1)} \oplus 19V^{(2),(1,1,1,1)} \oplus 888V^{(1,1),\varnothing} \oplus 4304V^{(1,1),(1)} \oplus 1508V^{(1,1),(2)} \oplus 1706V^{(1,1),(1,1)} \oplus 396V^{(1,1),(2,1)} \oplus 396V^{(1,1),(1,1,1)} \oplus 12V^{(1,1),(2,2)} \oplus 13V^{(1,1),(2,1,1)} \oplus 10V^{(1,1),(1,1,1,1)} \oplus 688V^{(3),\varnothing} \oplus 2094V^{(3),(1)} \oplus 452V^{(3),(2)} \oplus 564V^{(3),(1,1)} \oplus 61V^{(3),(2,1)} \oplus 61V^{(3),(1,1,1)} \oplus 428V^{(2,1),\varnothing} \oplus 1722V^{(2,1),(1)} \oplus 356V^{(2,1),(2)} \oplus 412V^{(2,1),(1,1)} \oplus 43V^{(2,1),(2,1)} \oplus 43V^{(2,1),(1,1,1)} \oplus 384V^{(4),\varnothing} \oplus 592V^{(4),(1)} \oplus 23V^{(4),(2)} \oplus 29V^{(4),(1,1)} \oplus 234V^{(3,1),\varnothing} \oplus 448V^{(3,1),(1)} \oplus 18V^{(3,1),(2)} \oplus 21V^{(3,1),(1,1)} \oplus 180V^{(5),\varnothing} \oplus 9V^{(5),(1)} \oplus 104V^{(4,1),\varnothing} \oplus 7V^{(4,1),(1)} \oplus V^{(6),\varnothing} \oplus V^{(5,1),\varnothing}$
$k = 7: \quad 36V^{\varnothing,(1)} \oplus 30V^{\varnothing,(2)} \oplus 30V^{\varnothing,(1,1)} \oplus 24V^{\varnothing,(2,1)} \oplus 24V^{\varnothing,(1,1,1)} \oplus 18V^{\varnothing,(2,2)} \oplus 18V^{\varnothing,(2,1,1)} \oplus 18V^{\varnothing,(1,1,1,1)} \oplus 12V^{\varnothing,(2,2,1)} \oplus 12V^{\varnothing,(2,1,1,1)} \oplus 6V^{\varnothing,(2,2,2)} \oplus 6V^{\varnothing,(2,2,1,1)} \oplus 196V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2580V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1360V^{(1),(2,1)} \oplus 1360V^{(1),(1,1,1)} \oplus 550V^{(1),(2,2)} \oplus 650V^{(1),(2,1,1)} \oplus 550V^{(1),(1,1,1,1)} \oplus 256V^{(1),(2,2,1)} \oplus 204V^{(1),(2,1,1,1)} \oplus 3V^{(1),(2,2,2)} \oplus 3V^{(1),(2,2,1,1)} \oplus 126V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1328V^{(2),(2)} \oplus 1544V^{(2),(1,1)} \oplus 714V^{(2),(2,1)} \oplus 714V^{(2),(1,1,1)} \oplus 176V^{(2),(2,2)} \oplus 216V^{(2),(2,1,1)} \oplus 160V^{(2),(1,1,1,1)} \oplus 9V^{(2),(2,2,1)} \oplus 7V^{(2),(2,1,1,1)} \oplus 126V^{(1,1),\varnothing} \oplus 2580V^{(1,1),(1)} \oplus 1208V^{(1,1),(2)} \oplus 1316V^{(1,1),(1,1)} \oplus 582V^{(1,1),(2,1)} \oplus 582V^{(1,1),(1,1,1)} \oplus 140V^{(1,1),(2,2)} \oplus 160V^{(1,1),(2,1,1)} \oplus 132V^{(1,1),(1,1,1,1)} \oplus 5V^{(1,1),(2,2,1)} \oplus 4V^{(1,1),(2,1,1,1)} \oplus 84V^{(3),\varnothing} \oplus 1360V^{(3),(1)} \oplus 606V^{(3),(2)} \oplus 738V^{(3),(1,1)} \oplus 220V^{(3),(2,1)} \oplus 220V^{(3),(1,1,1)} \oplus 23V^{(3),(2,2)} \oplus 25V^{(3),(2,1,1)} \oplus 19V^{(3),(1,1,1,1)} \oplus 84V^{(2,1),\varnothing} \oplus 1200V^{(2,1),(1)} \oplus 528V^{(2,1),(2)} \oplus 594V^{(2,1),(1,1)} \oplus 160V^{(2,1),(2,1)} \oplus 160V^{(2,1),(1,1,1)} \oplus 12V^{(2,1),(2,2)} \oplus 13V^{(2,1),(2,1,1)} \oplus 10V^{(2,1),(1,1,1,1)} \oplus 42V^{(4),\varnothing} \oplus 650V^{(4),(1)} \oplus 176V^{(4),(2)} \oplus 232V^{(4),(1,1)} \oplus 25V^{(4),(2,1)} \oplus 25V^{(4),(1,1,1)} \oplus 42V^{(3,1),\varnothing} \oplus 550V^{(3,1),(1)} \oplus 140V^{(3,1),(2)} \oplus 168V^{(3,1),(1,1)} \oplus 19V^{(3,1),(2,1)} \oplus 19V^{(3,1),(1,1,1)} \oplus 28V^{(5),\varnothing} \oplus 256V^{(5),(1)} \oplus 7V^{(5),(2)} \oplus 11V^{(5),(1,1)} \oplus 28V^{(4,1),\varnothing} \oplus$

Table 28: Table for $\lambda = (6,1)$, $\mu = (2,2,1,1,1)$:

$k = 14: \quad 7V^{\varnothing,\varnothing}$
$k = 13: \quad 7612V^{\varnothing,\varnothing} \oplus 111V^{\varnothing,(1)} \oplus 234V^{(1),\varnothing}$
$k = 12: \quad 14566V^{\varnothing,\varnothing} \oplus 6356V^{\varnothing,(1)} \oplus 52V^{\varnothing,(2)} \oplus 60V^{\varnothing,(1,1)} \oplus 6848V^{(1),\varnothing} \oplus 1393V^{(1),(1)} \oplus 86V^{(2),\varnothing} \oplus 64V^{(1,1),\varnothing}$
$k = 11: \quad 14392V^{\varnothing,\varnothing} \oplus 11190V^{\varnothing,(1)} \oplus 1612V^{\varnothing,(2)} \oplus 2680V^{\varnothing,(1,1)} \oplus 26V^{\varnothing,(2,1)} \oplus 28V^{\varnothing,(1,1,1)} \oplus 12108V^{(1),\varnothing} \oplus 10912V^{(1),(1)} \oplus 371V^{(1),(2)} \oplus 389V^{(1),(1,1)} \oplus 2612V^{(2),\varnothing} \oplus 433V^{(2),(1)} \oplus 1488V^{(1,1),\varnothing} \oplus 337V^{(1,1),(1)} \oplus 30V^{(3),\varnothing} \oplus 22V^{(2,1),\varnothing}$
$k = 10: \quad 10532V^{\varnothing,\varnothing} \oplus 9556V^{\varnothing,(1)} \oplus 2430V^{\varnothing,(2)} \oplus 4170V^{\varnothing,(1,1)} \oplus 976V^{\varnothing,(2,1)} \oplus 1080V^{\varnothing,(1,1,1)} \oplus 8V^{\varnothing,(2,2)} \oplus 11V^{\varnothing,(2,1,1)} \oplus 11V^{\varnothing,(1,1,1,1)} \oplus 10476V^{(1),\varnothing} \oplus 18482V^{(1),(1)} \oplus 3200V^{(1),(2)} \oplus 3976V^{(1),(1,1)} \oplus 85V^{(1),(2,1)} \oplus 89V^{(1),(1,1,1)} \oplus 4180V^{(2),\varnothing} \oplus 3912V^{(2),(1)} \oplus 251V^{(2),(2)} \oplus 269V^{(2),(1,1)} \oplus 2440V^{(1,1),\varnothing} \oplus 2944V^{(1,1),(1)} \oplus 186V^{(1,1),(2)} \oplus 195V^{(1,1),(1,1)} \oplus 1056V^{(3),\varnothing} \oplus 121V^{(3),(1)} \oplus 598V^{(2,1),\varnothing} \oplus 97V^{(2,1),(1)} \oplus 11V^{(4),\varnothing} \oplus 8V^{(3,1),\varnothing}$
$k = 9: \quad 4560V^{\varnothing,\varnothing} \oplus 5640V^{\varnothing,(1)} \oplus 1600V^{\varnothing,(2)} \oplus 2800V^{\varnothing,(1,1)} \oplus 1208V^{\varnothing,(2,1)} \oplus 1308V^{\varnothing,(1,1,1)} \oplus 228V^{\varnothing,(2,2)} \oplus 432V^{\varnothing,(2,1,1)} \oplus 432V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(2,2,1)} \oplus 4V^{\varnothing,(2,1,1,1)} \oplus 3V^{\varnothing,(1,1,1,1,1)} \oplus 6896V^{(1),\varnothing} \oplus 17084V^{(1),(1)} \oplus 5226V^{(1),(2)} \oplus 6414V^{(1),(1,1)} \oplus 1432V^{(1),(2,1)} \oplus 1512V^{(1),(1,1,1)} \oplus 19V^{(1),(2,2)} \oplus 25V^{(1),(2,1,1)} \oplus 25V^{(1),(1,1,1,1)} \oplus 2960V^{(2),\varnothing} \oplus 6198V^{(2),(1)} \oplus 1196V^{(2),(2)} \oplus 1508V^{(2),(1,1)} \oplus 85V^{(2),(2,1)} \oplus 89V^{(2),(1,1,1)} \oplus 1760V^{(1,1),\varnothing} \oplus 4974V^{(1,1),(1)} \oplus 936V^{(1,1),(2)} \oplus 1092V^{(1,1),(1,1)} \oplus 43V^{(1,1),(2,1)} \oplus 45V^{(1,1),(1,1,1)} \oplus 1352V^{(3),\varnothing} \oplus 1480V^{(3),(1)} \oplus 83V^{(3),(2)} \oplus 101V^{(3),(1,1)} \oplus 802V^{(2,1),\varnothing} \oplus 1120V^{(2,1),(1)} \oplus 66V^{(2,1),(2)} \oplus 75V^{(2,1),(1,1)} \oplus 464V^{(4),\varnothing} \oplus 31V^{(4),(1)} \oplus 260V^{(3,1),\varnothing} \oplus 25V^{(3,1),(1)} \oplus 4V^{(5),\varnothing} \oplus 3V^{(4,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 1620V^{\varnothing,(1)} \oplus 588V^{\varnothing,(2)} \oplus 1056V^{\varnothing,(1,1)} \oplus 592V^{\varnothing,(2,1)} \oplus 592V^{\varnothing,(1,1,1)} \oplus 186V^{\varnothing,(2,2)} \oplus 336V^{\varnothing,(2,1,1)} \oplus 336V^{\varnothing,(1,1,1,1)} \oplus 88V^{\varnothing,(2,2,1)} \oplus 164V^{\varnothing,(2,1,1,1)} \oplus 88V^{\varnothing,(1,1,1,1,1)} \oplus V^{\varnothing,(2,2,1,1)} \oplus V^{\varnothing,(2,1,1,1,1)} \oplus 2280V^{(1),\varnothing} \oplus 11828V^{(1),(1)} \oplus 4400V^{(1),(2)} \oplus 5136V^{(1),(1,1)} \oplus 2094V^{(1),(2,1)} \oplus 2166V^{(1),(1,1,1)} \oplus 448V^{(1),(2,2)} \oplus 592V^{(1),(2,1,1)} \oplus 592V^{(1),(1,1,1,1)} \oplus 7V^{(1),(2,2,1)} \oplus 9V^{(1),(2,1,1,1)} \oplus 7V^{(1),(1,1,1,1,1)} \oplus 1356V^{(2),\varnothing} \oplus 5040V^{(2),(1)} \oplus 1766V^{(2),(2)} \oplus 2186V^{(2),(1,1)} \oplus 532V^{(2),(2,1)} \oplus 564V^{(2),(1,1,1)} \oplus 19V^{(2),(2,2)} \oplus 25V^{(2),(2,1,1)} \oplus 25V^{(2),(1,1,1,1)} \oplus 888V^{(1,1),\varnothing} \oplus 4304V^{(1,1),(1)} \oplus 1508V^{(1,1),(2)} \oplus 1718V^{(1,1),(1,1)} \oplus 396V^{(1,1),(2,1)} \oplus 412V^{(1,1),(1,1,1)} \oplus 10V^{(1,1),(2,2)} \oplus 13V^{(1,1),(2,1,1)} \oplus 13V^{(1,1),(1,1,1,1)} \oplus 688V^{(3),\varnothing} \oplus 2094V^{(3),(1)} \oplus 452V^{(3),(2)} \oplus 588V^{(3),(1,1)} \oplus 61V^{(3),(2,1)} \oplus 65V^{(3),(1,1,1)} \oplus 428V^{(2,1),\varnothing} \oplus 1722V^{(2,1),(1)} \oplus 356V^{(2,1),(2)} \oplus 424V^{(2,1),(1,1)} \oplus 43V^{(2,1),(2,1)} \oplus 45V^{(2,1),(1,1,1)} \oplus 384V^{(4),\varnothing} \oplus 592V^{(4),(1)} \oplus 23V^{(4),(2)} \oplus 35V^{(4),(1,1)} \oplus 234V^{(3,1),\varnothing} \oplus 448V^{(3,1),(1)} \oplus 18V^{(3,1),(2)} \oplus 27V^{(3,1),(1,1)} \oplus 180V^{(5),\varnothing} \oplus 9V^{(5),(1)} \oplus 104V^{(4,1),\varnothing} \oplus 7V^{(4,1),(1)} \oplus V^{(6),\varnothing} \oplus V^{(5,1),\varnothing}$
$k = 7: \quad 36V^{\varnothing,(1)} \oplus 30V^{\varnothing,(2)} \oplus 30V^{\varnothing,(1,1)} \oplus 24V^{\varnothing,(2,1)} \oplus 24V^{\varnothing,(1,1,1)} \oplus 18V^{\varnothing,(2,2)} \oplus 18V^{\varnothing,(2,1,1)} \oplus 18V^{\varnothing,(1,1,1,1)} \oplus 12V^{\varnothing,(2,2,1)} \oplus 12V^{\varnothing,(2,1,1,1)} \oplus 12V^{\varnothing,(1,1,1,1,1)} \oplus 6V^{\varnothing,(2,2,1,1)} \oplus 6V^{\varnothing,(2,1,1,1,1)} \oplus 196V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2580V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1360V^{(1),(2,1)} \oplus 1360V^{(1),(1,1,1)} \oplus 550V^{(1),(2,2)} \oplus 650V^{(1),(2,1,1)} \oplus 650V^{(1),(1,1,1,1)} \oplus 204V^{(1),(2,2,1)} \oplus 256V^{(1),(2,1,1,1)} \oplus 204V^{(1),(1,1,1,1,1)} \oplus 3V^{(1),(2,2,1,1)} \oplus 3V^{(1),(2,1,1,1,1)} \oplus 140V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1328V^{(2),(2)} \oplus 1544V^{(2),(1,1)} \oplus 714V^{(2),(2,1)} \oplus 738V^{(2),(1,1,1)} \oplus 160V^{(2),(2,2)} \oplus 216V^{(2),(2,1,1)} \oplus 216V^{(2),(1,1,1,1)} \oplus 7V^{(2),(2,2,1)} \oplus 9V^{(2),(2,1,1,1)} \oplus 7V^{(2),(1,1,1,1,1)} \oplus 140V^{(1,1),\varnothing} \oplus 2580V^{(1,1),(1)} \oplus 1208V^{(1,1),(2)} \oplus 1316V^{(1,1),(1,1)} \oplus 582V^{(1,1),(2,1)} \oplus 594V^{(1,1),(1,1,1)} \oplus 132V^{(1,1),(2,2)} \oplus 160V^{(1,1),(2,1,1)} \oplus 160V^{(1,1),(1,1,1,1)} \oplus 4V^{(1,1),(2,2,1)} \oplus 5V^{(1,1),(2,1,1,1)} \oplus 4V^{(1,1),(1,1,1,1,1)} \oplus 84V^{(3),\varnothing} \oplus 1360V^{(3),(1)} \oplus 606V^{(3),(2)} \oplus 738V^{(3),(1,1)} \oplus 220V^{(3),(2,1)} \oplus 236V^{(3),(1,1,1)} \oplus 19V^{(3),(2,2)} \oplus 25V^{(3),(2,1,1)} \oplus 25V^{(3),(1,1,1,1)} \oplus 84V^{(2,1),\varnothing} \oplus 1200V^{(2,1),(1)} \oplus 528V^{(2,1),(2)} \oplus 594V^{(2,1),(1,1)} \oplus 160V^{(2,1),(2,1)} \oplus 168V^{(2,1),(1,1,1)} \oplus 10V^{(2,1),(2,2)} \oplus 13V^{(2,1),(2,1,1)} \oplus 13V^{(2,1),(1,1,1,1)} \oplus 42V^{(4),\varnothing} \oplus 650V^{(4),(1)} \oplus 176V^{(4),(2)} \oplus 232V^{(4),(1,1)} \oplus 25V^{(4),(2,1)} \oplus 29V^{(4),(1,1,1)} \oplus 42V^{(3,1),\varnothing} \oplus 550V^{(3,1),(1)} \oplus 140V^{(3,1),(2)} \oplus 168V^{(3,1),(1,1)} \oplus 19V^{(3,1),(2,1)} \oplus 21V^{(3,1),(1,1,1)} \oplus 28V^{(5),\varnothing} \oplus 256V^{(5),(1)} \oplus 7V^{(5),(2)} \oplus 11V^{(5),(1,1)} \oplus 28V^{(4,1),\varnothing} \oplus$

Table 29: Table for $\lambda = (6,1)$, $\mu = (2,1,1,1,1,1)$:

$k = 14: \quad 7V^{\varnothing,\varnothing}$
$k = 13: \quad 7564V^{\varnothing,\varnothing} \oplus 96V^{\varnothing,(1)} \oplus 96V^{(1),\varnothing}$
$k = 12: \quad 14470V^{\varnothing,\varnothing} \oplus 6076V^{\varnothing,(1)} \oplus 35V^{\varnothing,(2)} \oplus 53V^{\varnothing,(1,1)} \oplus 6076V^{(1),\varnothing} \oplus 1333V^{(1),(1)} \oplus 53V^{(2),\varnothing} \oplus 35V^{(1,1),\varnothing}$
$k = 11: \quad 14344V^{\varnothing,\varnothing} \oplus 10860V^{\varnothing,(1)} \oplus 1264V^{\varnothing,(2)} \oplus 2372V^{\varnothing,(1,1)} \oplus 18V^{\varnothing,(2,1)} \oplus 26V^{\varnothing,(1,1,1)} \oplus 10860V^{(1),\varnothing} \oplus 10528V^{(1),(1)} \oplus 307V^{(1),(2)} \oplus 373V^{(1),(1,1)} \oplus 2372V^{(2),\varnothing} \oplus 373V^{(2),(1)} \oplus 1264V^{(1,1),\varnothing} \oplus 307V^{(1,1),(1)} \oplus 26V^{(3),\varnothing} \oplus 18V^{(2,1),\varnothing}$
$k = 10: \quad 10532V^{\varnothing,\varnothing} \oplus 9436V^{\varnothing,(1)} \oplus 2040V^{\varnothing,(2)} \oplus 3780V^{\varnothing,(1,1)} \oplus 518V^{\varnothing,(2,1)} \oplus 976V^{\varnothing,(1,1,1)} \oplus 8V^{\varnothing,(2,1,1)} \oplus 11V^{\varnothing,(1,1,1,1)} \oplus 9436V^{(1),\varnothing} \oplus 18170V^{(1),(1)} \oplus 2848V^{(1),(2)} \oplus 3720V^{(1),(1,1)} \oplus 67V^{(1),(2,1)} \oplus 85V^{(1),(1,1,1)} \oplus 3780V^{(2),\varnothing} \oplus 3720V^{(2),(1)} \oplus 187V^{(2),(2)} \oplus 253V^{(2),(1,1)} \oplus 2040V^{(1,1),\varnothing} \oplus 2848V^{(1,1),(1)} \oplus 154V^{(1,1),(2)} \oplus 187V^{(1,1),(1,1)} \oplus 976V^{(3),\varnothing} \oplus 85V^{(3),(1)} \oplus 518V^{(2,1),\varnothing} \oplus 67V^{(2,1),(1)} \oplus 11V^{(4),\varnothing} \oplus 8V^{(3,1),\varnothing}$
$k = 9: \quad 4560V^{\varnothing,\varnothing} \oplus 5640V^{\varnothing,(1)} \oplus 1440V^{\varnothing,(2)} \oplus 2640V^{\varnothing,(1,1)} \oplus 658V^{\varnothing,(2,1)} \oplus 1208V^{\varnothing,(1,1,1)} \oplus 228V^{\varnothing,(2,1,1)} \oplus 432V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(2,1,1,1)} \oplus 4V^{\varnothing,(1,1,1,1,1)} \oplus 5640V^{(1),\varnothing} \oplus 17012V^{(1),(1)} \oplus 4938V^{(1),(2)} \oplus 6126V^{(1),(1,1)} \oplus 1096V^{(1),(2,1)} \oplus 1432V^{(1),(1,1,1)} \oplus 19V^{(1),(2,1,1)} \oplus 25V^{(1),(1,1,1,1)} \oplus 2640V^{(2),\varnothing} \oplus 6126V^{(2),(1)} \oplus 1036V^{(2),(2)} \oplus 1396V^{(2),(1,1)} \oplus 67V^{(2),(2,1)} \oplus 85V^{(2),(1,1,1)} \oplus 1440V^{(1,1),\varnothing} \oplus 4938V^{(1,1),(1)} \oplus 856V^{(1,1),(2)} \oplus 1036V^{(1,1),(1,1)} \oplus 34V^{(1,1),(2,1)} \oplus 43V^{(1,1),(1,1,1)} \oplus 1208V^{(3),\varnothing} \oplus 1432V^{(3),(1)} \oplus 43V^{(3),(2)} \oplus 85V^{(3),(1,1)} \oplus 658V^{(2,1),\varnothing} \oplus 1096V^{(2,1),(1)} \oplus 34V^{(2,1),(2)} \oplus 67V^{(2,1),(1,1)} \oplus 432V^{(4),\varnothing} \oplus 25V^{(4),(1)} \oplus 228V^{(3,1),\varnothing} \oplus 19V^{(3,1),(1)} \oplus 4V^{(5),\varnothing} \oplus 3V^{(4,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 1620V^{\varnothing,(1)} \oplus 588V^{\varnothing,(2)} \oplus 1056V^{\varnothing,(1,1)} \oplus 332V^{\varnothing,(2,1)} \oplus 592V^{\varnothing,(1,1,1)} \oplus 186V^{\varnothing,(2,1,1)} \oplus 336V^{\varnothing,(1,1,1,1)} \oplus 88V^{\varnothing,(2,1,1,1)} \oplus 164V^{\varnothing,(1,1,1,1,1)} \oplus V^{\varnothing,(2,1,1,1,1)} \oplus V^{\varnothing,(1,1,1,1,1,1)} \oplus 1620V^{(1),\varnothing} \oplus 11828V^{(1),(1)} \oplus 4304V^{(1),(2)} \oplus 5040V^{(1),(1,1)} \oplus 1722V^{(1),(2,1)} \oplus 2094V^{(1),(1,1,1)} \oplus 448V^{(1),(2,1,1)} \oplus 592V^{(1),(1,1,1,1)} \oplus 7V^{(1),(2,1,1,1)} \oplus 9V^{(1),(1,1,1,1,1)} \oplus 1056V^{(2),\varnothing} \oplus 5040V^{(2),(1)} \oplus 1670V^{(2),(2)} \oplus 2090V^{(2),(1,1)} \oplus 396V^{(2),(2,1)} \oplus 532V^{(2),(1,1,1)} \oplus 19V^{(2),(2,1,1)} \oplus 25V^{(2),(1,1,1,1)} \oplus 588V^{(1,1),\varnothing} \oplus 4304V^{(1,1),(1)} \oplus 1460V^{(1,1),(2)} \oplus 1670V^{(1,1),(1,1)} \oplus 328V^{(1,1),(2,1)} \oplus 396V^{(1,1),(1,1,1)} \oplus 10V^{(1,1),(2,1,1)} \oplus 13V^{(1,1),(1,1,1,1)} \oplus 592V^{(3),\varnothing} \oplus 2094V^{(3),(1)} \oplus 396V^{(3),(2)} \oplus 532V^{(3),(1,1)} \oplus 43V^{(3),(2,1)} \oplus 61V^{(3),(1,1,1)} \oplus 332V^{(2,1),\varnothing} \oplus 1722V^{(2,1),(1)} \oplus 328V^{(2,1),(2)} \oplus 396V^{(2,1),(1,1)} \oplus 34V^{(2,1),(2,1)} \oplus 43V^{(2,1),(1,1,1)} \oplus 336V^{(4),\varnothing} \oplus 592V^{(4),(1)} \oplus 13V^{(4),(2)} \oplus 25V^{(4),(1,1)} \oplus 186V^{(3,1),\varnothing} \oplus 448V^{(3,1),(1)} \oplus 10V^{(3,1),(2)} \oplus 19V^{(3,1),(1,1)} \oplus 164V^{(5),\varnothing} \oplus 9V^{(5),(1)} \oplus 88V^{(4,1),\varnothing} \oplus 7V^{(4,1),(1)} \oplus V^{(6),\varnothing} \oplus V^{(5,1),\varnothing}$
$k = 7: \quad 36V^{\varnothing,(1)} \oplus 30V^{\varnothing,(2)} \oplus 30V^{\varnothing,(1,1)} \oplus 24V^{\varnothing,(2,1)} \oplus 24V^{\varnothing,(1,1,1)} \oplus 18V^{\varnothing,(2,1,1)} \oplus 18V^{\varnothing,(1,1,1,1)} \oplus 12V^{\varnothing,(2,1,1,1)} \oplus 12V^{\varnothing,(1,1,1,1,1)} \oplus 6V^{\varnothing,(2,1,1,1,1)} \oplus 6V^{\varnothing,(1,1,1,1,1,1)} \oplus 36V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2580V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1200V^{(1),(2,1)} \oplus 1360V^{(1),(1,1,1)} \oplus 550V^{(1),(2,1,1)} \oplus 650V^{(1),(1,1,1,1)} \oplus 204V^{(1),(2,1,1,1)} \oplus 256V^{(1),(1,1,1,1,1)} \oplus 3V^{(1),(2,1,1,1,1)} \oplus 3V^{(1),(1,1,1,1,1,1)} \oplus 30V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1304V^{(2),(2)} \oplus 1520V^{(2),(1,1)} \oplus 582V^{(2),(2,1)} \oplus 714V^{(2),(1,1,1)} \oplus 160V^{(2),(2,1,1)} \oplus 216V^{(2),(1,1,1,1)} \oplus 7V^{(2),(2,1,1,1)} \oplus 9V^{(2),(1,1,1,1,1)} \oplus 30V^{(1,1),\varnothing} \oplus 2580V^{(1,1),(1)} \oplus 1196V^{(1,1),(2)} \oplus 1304V^{(1,1),(1,1)} \oplus 516V^{(1,1),(2,1)} \oplus 582V^{(1,1),(1,1,1)} \oplus 132V^{(1,1),(2,1,1)} \oplus 160V^{(1,1),(1,1,1,1)} \oplus 4V^{(1,1),(2,1,1,1)} \oplus 5V^{(1,1),(1,1,1,1,1)} \oplus 24V^{(3),\varnothing} \oplus 1360V^{(3),(1)} \oplus 582V^{(3),(2)} \oplus 714V^{(3),(1,1)} \oplus 160V^{(3),(2,1)} \oplus 220V^{(3),(1,1,1)} \oplus 19V^{(3),(2,1,1)} \oplus 25V^{(3),(1,1,1,1)} \oplus 24V^{(2,1),\varnothing} \oplus 1200V^{(2,1),(1)} \oplus 516V^{(2,1),(2)} \oplus 582V^{(2,1),(1,1)} \oplus 130V^{(2,1),(2,1)} \oplus 160V^{(2,1),(1,1,1)} \oplus 10V^{(2,1),(2,1,1)} \oplus 13V^{(2,1),(1,1,1,1)} \oplus 18V^{(4),\varnothing} \oplus 650V^{(4),(1)} \oplus 160V^{(4),(2)} \oplus 216V^{(4),(1,1)} \oplus 13V^{(4),(2,1)} \oplus 25V^{(4),(1,1,1)} \oplus 18V^{(3,1),\varnothing} \oplus 550V^{(3,1),(1)} \oplus 132V^{(3,1),(2)} \oplus 160V^{(3,1),(1,1)} \oplus 10V^{(3,1),(2,1)} \oplus 19V^{(3,1),(1,1,1)} \oplus 12V^{(5),\varnothing} \oplus 256V^{(5),(1)} \oplus 5V^{(5),(2)} \oplus 9V^{(5),(1,1)} \oplus 12V^{(4,1),\varnothing} \oplus 204V^{(4,1),(1)} \oplus 4V^{(4,1),(2)} \oplus 7V^{(4,1),(1,1)} \oplus 6V^{(6),\varnothing} \oplus 3V^{(6),(1)} \oplus 6V^{(5,1),\varnothing} \oplus 3V^{(5,1),(1)}$
[illegible]

Table 30: Table for $\lambda = (6,1)$, $\mu = (1,1,1,1,1,1,1)$:

$k = 14: \quad 2V^{\varnothing,\varnothing}$
$k = 13: \quad 6458V^{\varnothing,\varnothing} \oplus 61V^{\varnothing,(1)} \oplus 12V^{(1),\varnothing}$
$k = 12:$ $12506V^{\varnothing,\varnothing} \oplus 3266V^{\varnothing,(1)} \oplus 35V^{\varnothing,(1,1)} \oplus 4648V^{(1),\varnothing} \oplus 1027V^{(1),(1)} \oplus 10V^{(2),\varnothing} \oplus 6V^{(1,1),\varnothing}$
$k = 11:$ $12836V^{\varnothing,\varnothing} \oplus 5880V^{\varnothing,(1)} \oplus 1264V^{\varnothing,(1,1)} \oplus 18V^{\varnothing,(1,1,1)} \oplus 8595V^{(1),\varnothing} \oplus 8152V^{(1),(1)} \oplus$ $307V^{(1),(1,1)} \oplus 1802V^{(2),\varnothing} \oplus 187V^{(2),(1)} \oplus 914V^{(1,1),\varnothing} \oplus 154V^{(1,1),(1)} \oplus 8V^{(3),\varnothing} \oplus 5V^{(2,1),\varnothing}$
$k = 10: \quad 9836V^{\varnothing,\varnothing} \oplus 5108V^{\varnothing,(1)} \oplus 2040V^{\varnothing,(1,1)} \oplus 518V^{\varnothing,(1,1,1)} \oplus 8V^{\varnothing,(1,1,1,1)} \oplus$ $7880V^{(1),\varnothing} \oplus 14710V^{(1),(1)} \oplus 2848V^{(1),(1,1)} \oplus 67V^{(1),(1,1,1)} \oplus 3061V^{(2),\varnothing} \oplus$ $2848V^{(2),(1)} \oplus 187V^{(2),(1,1)} \oplus 1543V^{(1,1),\varnothing} \oplus 2412V^{(1,1),(1)} \oplus 154V^{(1,1),(1,1)} \oplus$ $742V^{(3),\varnothing} \oplus 43V^{(3),(1)} \oplus 376V^{(2,1),\varnothing} \oplus 34V^{(2,1),(1)} \oplus 6V^{(4),\varnothing} \oplus 4V^{(3,1),\varnothing}$
$k = 9:$ $4440V^{\varnothing,\varnothing} \oplus 3060V^{\varnothing,(1)} \oplus 1440V^{\varnothing,(1,1)} \oplus 658V^{\varnothing,(1,1,1)} \oplus 228V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(1,1,1,1,1)} \oplus$ $4945V^{(1),\varnothing} \oplus 14380V^{(1),(1)} \oplus 4938V^{(1),(1,1)} \oplus 1096V^{(1),(1,1,1)} \oplus 19V^{(1),(1,1,1,1)} \oplus 2256V^{(2),\varnothing} \oplus$ $4938V^{(2),(1)} \oplus 1036V^{(2),(1,1)} \oplus 67V^{(2),(1,1,1)} \oplus 1136V^{(1,1),\varnothing} \oplus 4344V^{(1,1),(1)} \oplus 856V^{(1,1),(1,1)} \oplus$ $34V^{(1,1),(1,1,1)} \oplus 1009V^{(3),\varnothing} \oplus 1096V^{(3),(1)} \oplus 43V^{(3),(1,1)} \oplus 509V^{(2,1),\varnothing} \oplus 928V^{(2,1),(1)} \oplus$ $34V^{(2,1),(1,1)} \oplus 360V^{(4),\varnothing} \oplus 13V^{(4),(1)} \oplus 182V^{(3,1),\varnothing} \oplus 10V^{(3,1),(1)} \oplus 4V^{(5),\varnothing} \oplus 3V^{(4,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 900V^{\varnothing,(1)} \oplus 588V^{\varnothing,(1,1)} \oplus 332V^{\varnothing,(1,1,1)} \oplus 186V^{\varnothing,(1,1,1,1)} \oplus$ $88V^{\varnothing,(1,1,1,1,1)} \oplus V^{\varnothing,(1,1,1,1,1,1)} \oplus 1446V^{(1),\varnothing} \oplus 10532V^{(1),(1)} \oplus 4304V^{(1),(1,1)} \oplus$ $1722V^{(1),(1,1,1)} \oplus 448V^{(1),(1,1,1,1)} \oplus 7V^{(1),(1,1,1,1,1)} \oplus 941V^{(2),\varnothing} \oplus 4304V^{(2),(1)} \oplus$ $1670V^{(2),(1,1)} \oplus 396V^{(2),(1,1,1)} \oplus 19V^{(2),(1,1,1,1)} \oplus 473V^{(1,1),\varnothing} \oplus 3936V^{(1,1),(1)} \oplus$ $1460V^{(1,1),(1,1)} \oplus 328V^{(1,1),(1,1,1)} \oplus 10V^{(1,1),(1,1,1,1)} \oplus 524V^{(3),\varnothing} \oplus 1722V^{(3),(1)} \oplus$ $396V^{(3),(1,1)} \oplus 43V^{(3),(1,1,1)} \oplus 264V^{(2,1),\varnothing} \oplus 1536V^{(2,1),(1)} \oplus 328V^{(2,1),(1,1)} \oplus$ $34V^{(2,1),(1,1,1)} \oplus 303V^{(4),\varnothing} \oplus 448V^{(4),(1)} \oplus 13V^{(4),(1,1)} \oplus 153V^{(3,1),\varnothing} \oplus 376V^{(3,1),(1)} \oplus$ $10V^{(3,1),(1,1)} \oplus 154V^{(5),\varnothing} \oplus 5V^{(5),(1)} \oplus 78V^{(4,1),\varnothing} \oplus 4V^{(4,1),(1)} \oplus 2V^{(6),\varnothing} \oplus 2V^{(5,1),\varnothing}$
$k = 7: \quad 36V^{\varnothing,(1)} \oplus 30V^{\varnothing,(1,1)} \oplus 24V^{\varnothing,(1,1,1)} \oplus 18V^{\varnothing,(1,1,1,1)} \oplus 12V^{\varnothing,(1,1,1,1,1)} \oplus$ $6V^{\varnothing,(1,1,1,1,1,1)} \oplus V^{(1),\varnothing} \oplus 4560V^{(1),(1)} \oplus 2580V^{(1),(1,1)} \oplus 1200V^{(1),(1,1,1)} \oplus 550V^{(1),(1,1,1,1)} \oplus$ $204V^{(1),(1,1,1,1,1)} \oplus 3V^{(1),(1,1,1,1,1,1)} \oplus V^{(2),\varnothing} \oplus 2580V^{(2),(1)} \oplus 1304V^{(2),(1,1)} \oplus 582V^{(2),(1,1,1)} \oplus$ $160V^{(2),(1,1,1,1)} \oplus 7V^{(2),(1,1,1,1,1)} \oplus V^{(1,1),\varnothing} \oplus 2460V^{(1,1),(1)} \oplus 1196V^{(1,1),(1,1)} \oplus$ $516V^{(1,1),(1,1,1)} \oplus 132V^{(1,1),(1,1,1,1)} \oplus 4V^{(1,1),(1,1,1,1,1)} \oplus V^{(3),\varnothing} \oplus 1200V^{(3),(1)} \oplus$ $582V^{(3),(1,1)} \oplus 160V^{(3),(1,1,1)} \oplus 19V^{(3),(1,1,1,1)} \oplus V^{(2,1),\varnothing} \oplus 1120V^{(2,1),(1)} \oplus 516V^{(2,1),(1,1)} \oplus$ $130V^{(2,1),(1,1,1)} \oplus 10V^{(2,1),(1,1,1,1)} \oplus V^{(4),\varnothing} \oplus 550V^{(4),(1)} \oplus 160V^{(4),(1,1)} \oplus 13V^{(4),(1,1,1)} \oplus$ $V^{(3,1),\varnothing} \oplus 500V^{(3,1),(1)} \oplus 132V^{(3,1),(1,1)} \oplus 10V^{(3,1),(1,1,1)} \oplus V^{(5),\varnothing} \oplus 204V^{(5),(1)} \oplus 5V^{(5),(1,1)} \oplus$ $V^{(4,1),\varnothing} \oplus 178V^{(4,1),(1)} \oplus 4V^{(4,1),(1,1)} \oplus V^{(6),\varnothing} \oplus 2V^{(6),(1)} \oplus V^{(5,1),\varnothing} \oplus 2V^{(5,1),(1)} \oplus V^{(6,1),\varnothing}$
$k = 6: \quad 720V^{(1),(1)} \oplus 720V^{(1),(1,1)} \oplus 468V^{(1),(1,1,1)} \oplus 260V^{(1),(1,1,1,1)} \oplus$ $150V^{(1),(1,1,1,1,1)} \oplus 76V^{(1),(1,1,1,1,1,1)} \oplus V^{(1),(1,1,1,1,1,1,1)} \oplus 720V^{(2),(1)} \oplus 648V^{(2),(1,1)} \oplus$ $368V^{(2),(1,1,1)} \oplus 186V^{(2),(1,1,1,1)} \oplus 72V^{(2),(1,1,1,1,1)} \oplus 3V^{(2),(1,1,1,1,1,1)} \oplus 720V^{(1,1),(1)} \oplus$ $624V^{(1,1),(1,1)} \oplus 344V^{(1,1),(1,1,1)} \oplus 168V^{(1,1),(1,1,1,1)} \oplus 62V^{(1,1),(1,1,1,1,1)} \oplus 2V^{(1,1),(1,1,1,1,1,1)} \oplus$ $468V^{(3),(1)} \oplus 368V^{(3),(1,1)} \oplus 206V^{(3),(1,1,1)} \oplus 64V^{(3),(1,1,1,1)} \oplus 7V^{(3),(1,1,1,1,1)} \oplus$ $468V^{(2,1),(1)} \oplus 344V^{(2,1),(1,1)} \oplus 184V^{(2,1),(1,1,1)} \oplus 52V^{(2,1),(1,1,1,1)} \oplus 4V^{(2,1),(1,1,1,1,1)} \oplus$ $260V^{(4),(1)} \oplus 186V^{(4),(1,1)} \oplus 64V^{(4),(1,1,1)} \oplus 13V^{(4),(1,1,1,1)} \oplus 260V^{(3,1),(1)} \oplus 168V^{(3,1),(1,1)} \oplus$ $52V^{(3,1),(1,1,1)} \oplus 10V^{(3,1),(1,1,1,1)} \oplus 150V^{(5),(1)} \oplus 72V^{(5),(1,1)} \oplus 5V^{(5),(1,1,1)} \oplus 150V^{(4,1),(1)} \oplus$ $62V^{(4,1),(1,1)} \oplus 4V^{(4,1),(1,1,1)} \oplus 76V^{(6),(1)} \oplus 2V^{(6),(1,1)} \oplus 76V^{(5,1),(1)} \oplus 2V^{(5,1),(1,1)} \oplus V^{(6,1),(1)}$
$k = 5: \quad 120V^{(2),(1,1)} \oplus 120V^{(2),(1,1,1)} \oplus 80V^{(2),(1,1,1,1)} \oplus 50V^{(2),(1,1,1,1,1)} \oplus$ $26V^{(2),(1,1,1,1,1,1)} \oplus V^{(2),(1,1,1,1,1,1,1)} \oplus 120V^{(1,1),(1,1)} \oplus 120V^{(1,1),(1,1,1)} \oplus 80V^{(1,1),(1,1,1,1)} \oplus$ $50V^{(1,1),(1,1,1,1,1)} \oplus 26V^{(1,1),(1,1,1,1,1,1)} \oplus V^{(1,1),(1,1,1,1,1,1,1)} \oplus 120V^{(3),(1,1)} \oplus 108V^{(3),(1,1,1)} \oplus$

Table 31: Table for $\lambda = (5, 2)$, $\mu = (7,)$:

$k = 14: \quad 5V^{\varnothing,\varnothing}$
$k = 13: \quad 6586V^{\varnothing,\varnothing} \oplus 170V^{\varnothing,(1)} \oplus 13V^{(1),\varnothing}$
$k = 12:$ $12696V^{\varnothing,\varnothing} \oplus 3956V^{\varnothing,(1)} \oplus 64V^{\varnothing,(2)} \oplus 4696V^{(1),\varnothing} \oplus 1057V^{(1),(1)} \oplus 11V^{(2),\varnothing} \oplus 8V^{(1,1),\varnothing}$
$k = 11: \quad 12952V^{\varnothing,\varnothing} \oplus 7104V^{\varnothing,(1)} \oplus 1488V^{\varnothing,(2)} \oplus 22V^{\varnothing,(3)} \oplus 8655V^{(1),\varnothing} \oplus 8344V^{(1),(1)} \oplus 337V^{(1),(2)} \oplus 1926V^{(2),\varnothing} \oplus 195V^{(2),(1)} \oplus 1042V^{(1,1),\varnothing} \oplus 186V^{(1,1),(1)} \oplus 8V^{(3),\varnothing} \oplus 7V^{(2,1),\varnothing}$
$k = 10: \quad 9874V^{\varnothing,\varnothing} \oplus 6148V^{\varnothing,(1)} \oplus 2440V^{\varnothing,(2)} \oplus 598V^{\varnothing,(3)} \oplus 8V^{\varnothing,(4)} \oplus 7904V^{(1),\varnothing} \oplus 14866V^{(1),(1)} \oplus 2944V^{(1),(2)} \oplus 97V^{(1),(3)} \oplus 3229V^{(2),\varnothing} \oplus 2976V^{(2),(1)} \oplus 195V^{(2),(2)} \oplus 1711V^{(1,1),\varnothing} \oplus 2588V^{(1,1),(1)} \oplus 186V^{(1,1),(2)} \oplus 794V^{(3),\varnothing} \oplus 45V^{(3),(1)} \oplus 742V^{(2,1),\varnothing} \oplus 43V^{(2,1),(1)} \oplus 5V^{(4),\varnothing} \oplus 5V^{(3,1),\varnothing} \oplus 3V^{(2,2),\varnothing}$
$k = 9: \quad 4454V^{\varnothing,\varnothing} \oplus 4316V^{\varnothing,(1)} \oplus 1760V^{\varnothing,(2)} \oplus 802V^{\varnothing,(3)} \oplus 260V^{\varnothing,(4)} \oplus 3V^{\varnothing,(5)} \oplus 4945V^{(1),\varnothing} \oplus 14416V^{(1),(1)} \oplus 4974V^{(1),(2)} \oplus 1120V^{(1),(3)} \oplus 25V^{(1),(4)} \oplus 2336V^{(2),\varnothing} \oplus 5082V^{(2),(1)} \oplus 1092V^{(2),(2)} \oplus 75V^{(2),(3)} \oplus 1216V^{(1,1),\varnothing} \oplus 4488V^{(1,1),(1)} \oplus 936V^{(1,1),(2)} \oplus 66V^{(1,1),(3)} \oplus 1059V^{(3),\varnothing} \oplus 1136V^{(3),(1)} \oplus 45V^{(3),(2)} \oplus 1009V^{(2,1),\varnothing} \oplus 1096V^{(2,1),(1)} \oplus 43V^{(2,1),(2)} \oplus 360V^{(4),\varnothing} \oplus 13V^{(4),(1)} \oplus 360V^{(3,1),\varnothing} \oplus 13V^{(3,1),(1)} \oplus 182V^{(2,2),\varnothing} \oplus 10V^{(2,2),(1)} \oplus 2V^{(5),\varnothing} \oplus 3V^{(4,1),\varnothing} \oplus 2V^{(3,2),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 1560V^{\varnothing,(1)} \oplus 888V^{\varnothing,(2)} \oplus 428V^{\varnothing,(3)} \oplus 234V^{\varnothing,(4)} \oplus 104V^{\varnothing,(5)} \oplus V^{\varnothing,(6)} \oplus 1446V^{(1),\varnothing} \oplus 10532V^{(1),(1)} \oplus 4304V^{(1),(2)} \oplus 1722V^{(1),(3)} \oplus 448V^{(1),(4)} \oplus 7V^{(1),(5)} \oplus 941V^{(2),\varnothing} \oplus 4352V^{(2),(1)} \oplus 1718V^{(2),(2)} \oplus 424V^{(2),(3)} \oplus 27V^{(2),(4)} \oplus 473V^{(1,1),\varnothing} \oplus 3984V^{(1,1),(1)} \oplus 1508V^{(1,1),(2)} \oplus 356V^{(1,1),(3)} \oplus 18V^{(1,1),(4)} \oplus 524V^{(3),\varnothing} \oplus 1758V^{(3),(1)} \oplus 412V^{(3),(2)} \oplus 45V^{(3),(3)} \oplus 524V^{(2,1),\varnothing} \oplus 1722V^{(2,1),(1)} \oplus 396V^{(2,1),(2)} \oplus 43V^{(2,1),(3)} \oplus 303V^{(4),\varnothing} \oplus 448V^{(4),(1)} \oplus 13V^{(4),(2)} \oplus 303V^{(3,1),\varnothing} \oplus 448V^{(3,1),(1)} \oplus 13V^{(3,1),(2)} \oplus 153V^{(2,2),\varnothing} \oplus 376V^{(2,2),(1)} \oplus 10V^{(2,2),(2)} \oplus 78V^{(5),\varnothing} \oplus 4V^{(5),(1)} \oplus 154V^{(4,1),\varnothing} \oplus 5V^{(4,1),(1)} \oplus 78V^{(3,2),\varnothing} \oplus 4V^{(3,2),(1)} \oplus V^{(5,1),\varnothing} \oplus V^{(4,2),\varnothing}$
$k = 7: \quad 196V^{\varnothing,(1)} \oplus 140V^{\varnothing,(2)} \oplus 84V^{\varnothing,(3)} \oplus 42V^{\varnothing,(4)} \oplus 28V^{\varnothing,(5)} \oplus 14V^{\varnothing,(6)} \oplus V^{(1),\varnothing} \oplus 4560V^{(1),(1)} \oplus 2580V^{(1),(2)} \oplus 1200V^{(1),(3)} \oplus 550V^{(1),(4)} \oplus 204V^{(1),(5)} \oplus 3V^{(1),(6)} \oplus V^{(2),\varnothing} \oplus 2580V^{(2),(1)} \oplus 1316V^{(2),(2)} \oplus 594V^{(2),(3)} \oplus 168V^{(2),(4)} \oplus 9V^{(2),(5)} \oplus V^{(1,1),\varnothing} \oplus 2460V^{(1,1),(1)} \oplus 1208V^{(1,1),(2)} \oplus 528V^{(1,1),(3)} \oplus 140V^{(1,1),(4)} \oplus 6V^{(1,1),(5)} \oplus V^{(3),\varnothing} \oplus 1200V^{(3),(1)} \oplus 594V^{(3),(2)} \oplus 168V^{(3),(3)} \oplus 21V^{(3),(4)} \oplus V^{(2,1),\varnothing} \oplus 1200V^{(2,1),(1)} \oplus 582V^{(2,1),(2)} \oplus 160V^{(2,1),(3)} \oplus 19V^{(2,1),(4)} \oplus V^{(4),\varnothing} \oplus 550V^{(4),(1)} \oplus 160V^{(4),(2)} \oplus 13V^{(4),(3)} \oplus V^{(3,1),\varnothing} \oplus 550V^{(3,1),(1)} \oplus 160V^{(3,1),(2)} \oplus 13V^{(3,1),(3)} \oplus V^{(2,2),\varnothing} \oplus 500V^{(2,2),(1)} \oplus 132V^{(2,2),(2)} \oplus 10V^{(2,2),(3)} \oplus V^{(5),\varnothing} \oplus 178V^{(5),(1)} \oplus 4V^{(5),(2)} \oplus V^{(4,1),\varnothing} \oplus 204V^{(4,1),(1)} \oplus 5V^{(4,1),(2)} \oplus V^{(3,2),\varnothing} \oplus 178V^{(3,2),(1)} \oplus 4V^{(3,2),(2)} \oplus V^{(5,1),\varnothing} \oplus 2V^{(5,1),(1)} \oplus V^{(4,2),\varnothing} \oplus 2V^{(4,2),(1)}$
$k = 6: \quad 720V^{(1),(1)} \oplus 720V^{(1),(2)} \oplus 468V^{(1),(3)} \oplus 260V^{(1),(4)} \oplus 150V^{(1),(5)} \oplus 76V^{(1),(6)} \oplus V^{(1),(7)} \oplus 720V^{(2),(1)} \oplus 648V^{(2),(2)} \oplus 368V^{(2),(3)} \oplus 186V^{(2),(4)} \oplus 72V^{(2),(5)} \oplus 3V^{(2),(6)} \oplus 720V^{(1,1),(1)} \oplus 624V^{(1,1),(2)} \oplus 344V^{(1,1),(3)} \oplus 168V^{(1,1),(4)} \oplus 62V^{(1,1),(5)} \oplus 2V^{(1,1),(6)} \oplus 468V^{(3),(1)} \oplus 368V^{(3),(2)} \oplus 210V^{(3),(3)} \oplus 68V^{(3),(4)} \oplus 9V^{(3),(5)} \oplus 468V^{(2,1),(1)} \oplus 368V^{(2,1),(2)} \oplus 206V^{(2,1),(3)} \oplus 64V^{(2,1),(4)} \oplus 7V^{(2,1),(5)} \oplus 260V^{(4),(1)} \oplus 186V^{(4),(2)} \oplus 64V^{(4),(3)} \oplus 13V^{(4),(4)} \oplus 260V^{(3,1),(1)} \oplus 186V^{(3,1),(2)} \oplus 64V^{(3,1),(3)} \oplus 13V^{(3,1),(4)} \oplus 260V^{(2,2),(1)} \oplus 168V^{(2,2),(2)} \oplus 52V^{(2,2),(3)} \oplus 10V^{(2,2),(4)} \oplus 150V^{(5),(1)} \oplus 62V^{(5),(2)} \oplus 4V^{(5),(3)} \oplus 150V^{(4,1),(1)} \oplus 72V^{(4,1),(2)} \oplus 5V^{(4,1),(3)} \oplus 150V^{(3,2),(1)} \oplus 62V^{(3,2),(2)} \oplus 4V^{(3,2),(3)} \oplus 76V^{(5,1),(1)} \oplus 2V^{(5,1),(2)} \oplus 76V^{(4,2),(1)} \oplus 2V^{(4,2),(2)} \oplus V^{(5,2),(1)}$
$k = 5:$ $120V^{(2),(2)} \oplus 120V^{(2),(3)} \oplus 80V^{(2),(4)} \oplus 50V^{(2),(5)} \oplus 26V^{(2),(6)} \oplus V^{(2),(7)} \oplus 120V^{(1,1),(2)} \oplus 120V^{(1,1),(3)} \oplus 80V^{(1,1),(4)} \oplus 50V^{(1,1),(5)} \oplus 26V^{(1,1),(6)} \oplus V^{(1,1),(7)} \oplus 120V^{(3),(2)} \oplus 108V^{(3),(3)} \oplus 66V^{(3),(4)} \oplus 28V^{(3),(5)} \oplus 3V^{(3),(6)} \oplus 120V^{(2,1),(2)} \oplus 108V^{(2,1),(3)} \oplus 66V^{(2,1),(4)} \oplus$

Table 32: Table for $\lambda = (5,2)$, $\mu = (6,1)$:

$k = 14: \quad 60V^{\varnothing,\varnothing}$
$k = 13: \quad 7965V^{\varnothing,\varnothing} \oplus 234V^{\varnothing,(1)} \oplus 111V^{(1),\varnothing}$
$k = 12: \quad 14942V^{\varnothing,\varnothing} \oplus 6848V^{\varnothing,(1)} \oplus 86V^{\varnothing,(2)} \oplus 64V^{\varnothing,(1,1)} \oplus 6356V^{(1),\varnothing} \oplus 1393V^{(1),(1)} \oplus 60V^{(2),\varnothing} \oplus 52V^{(1,1),\varnothing}$
$k = 11: \quad 14632V^{\varnothing,\varnothing} \oplus 12108V^{\varnothing,(1)} \oplus 2612V^{\varnothing,(2)} \oplus 1488V^{\varnothing,(1,1)} \oplus 30V^{\varnothing,(3)} \oplus 22V^{\varnothing,(2,1)} \oplus 11190V^{(1),\varnothing} \oplus 10912V^{(1),(1)} \oplus 433V^{(1),(2)} \oplus 337V^{(1),(1,1)} \oplus 2680V^{(2),\varnothing} \oplus 389V^{(2),(1)} \oplus 1612V^{(1,1),\varnothing} \oplus 371V^{(1,1),(1)} \oplus 28V^{(3),\varnothing} \oplus 26V^{(2,1),\varnothing}$
$k = 10: \quad 10724V^{\varnothing,\varnothing} \oplus 10476V^{\varnothing,(1)} \oplus 4180V^{\varnothing,(2)} \oplus 2440V^{\varnothing,(1,1)} \oplus 1056V^{\varnothing,(3)} \oplus 598V^{\varnothing,(2,1)} \oplus 11V^{\varnothing,(4)} \oplus 8V^{\varnothing,(3,1)} \oplus 9556V^{(1),\varnothing} \oplus 18482V^{(1),(1)} \oplus 3912V^{(1),(2)} \oplus 2944V^{(1),(1,1)} \oplus 121V^{(1),(3)} \oplus 97V^{(1),(2,1)} \oplus 4170V^{(2),\varnothing} \oplus 3976V^{(2),(1)} \oplus 269V^{(2),(2)} \oplus 195V^{(2),(1,1)} \oplus 2430V^{(1,1),\varnothing} \oplus 3200V^{(1,1),(1)} \oplus 251V^{(1,1),(2)} \oplus 186V^{(1,1),(1,1)} \oplus 1080V^{(3),\varnothing} \oplus 89V^{(3),(1)} \oplus 976V^{(2,1),\varnothing} \oplus 85V^{(2,1),(1)} \oplus 11V^{(4),\varnothing} \oplus 11V^{(3,1),\varnothing} \oplus 8V^{(2,2),\varnothing}$
$k = 9: \quad 4728V^{\varnothing,\varnothing} \oplus 6896V^{\varnothing,(1)} \oplus 2960V^{\varnothing,(2)} \oplus 1760V^{\varnothing,(1,1)} \oplus 1352V^{\varnothing,(3)} \oplus 802V^{\varnothing,(2,1)} \oplus 464V^{\varnothing,(4)} \oplus 260V^{\varnothing,(3,1)} \oplus 4V^{\varnothing,(5)} \oplus 3V^{\varnothing,(4,1)} \oplus 5640V^{(1),\varnothing} \oplus 17084V^{(1),(1)} \oplus 6198V^{(1),(2)} \oplus 4974V^{(1),(1,1)} \oplus 1480V^{(1),(3)} \oplus 1120V^{(1),(2,1)} \oplus 31V^{(1),(4)} \oplus 25V^{(1),(3,1)} \oplus 2800V^{(2),\varnothing} \oplus 6414V^{(2),(1)} \oplus 1508V^{(2),(2)} \oplus 1092V^{(2),(1,1)} \oplus 101V^{(2),(3)} \oplus 75V^{(2),(2,1)} \oplus 1600V^{(1,1),\varnothing} \oplus 5226V^{(1,1),(1)} \oplus 1196V^{(1,1),(2)} \oplus 936V^{(1,1),(1,1)} \oplus 83V^{(1,1),(3)} \oplus 66V^{(1,1),(2,1)} \oplus 1308V^{(3),\varnothing} \oplus 1512V^{(3),(1)} \oplus 89V^{(3),(2)} \oplus 45V^{(3),(1,1)} \oplus 1208V^{(2,1),\varnothing} \oplus 1432V^{(2,1),(1)} \oplus 85V^{(2,1),(2)} \oplus 43V^{(2,1),(1,1)} \oplus 432V^{(4),\varnothing} \oplus 25V^{(4),(1)} \oplus 432V^{(3,1),\varnothing} \oplus 25V^{(3,1),(1)} \oplus 228V^{(2,2),\varnothing} \oplus 19V^{(2,2),(1)} \oplus 3V^{(5),\varnothing} \oplus 4V^{(4,1),\varnothing} \oplus 3V^{(3,2),\varnothing}$
$k = 8:$ $804V^{\varnothing,\varnothing} \oplus 2280V^{\varnothing,(1)} \oplus 1356V^{\varnothing,(2)} \oplus 888V^{\varnothing,(1,1)} \oplus 688V^{\varnothing,(3)} \oplus 428V^{\varnothing,(2,1)} \oplus 384V^{\varnothing,(4)} \oplus 234V^{\varnothing,(3,1)} \oplus 180V^{\varnothing,(5)} \oplus 104V^{\varnothing,(4,1)} \oplus V^{\varnothing,(6)} \oplus V^{\varnothing,(5,1)} \oplus 1620V^{(1),\varnothing} \oplus 11828V^{(1),(1)} \oplus 5040V^{(1),(2)} \oplus 4304V^{(1),(1,1)} \oplus 2094V^{(1),(3)} \oplus 1722V^{(1),(2,1)} \oplus 592V^{(1),(4)} \oplus 448V^{(1),(3,1)} \oplus 9V^{(1),(5)} \oplus 7V^{(1),(4,1)} \oplus 1056V^{(2),\varnothing} \oplus 5136V^{(2),(1)} \oplus 2186V^{(2),(2)} \oplus 1718V^{(2),(1,1)} \oplus 588V^{(2),(3)} \oplus 424V^{(2),(2,1)} \oplus 35V^{(2),(4)} \oplus 27V^{(2),(3,1)} \oplus 588V^{(1,1),\varnothing} \oplus 4400V^{(1,1),(1)} \oplus 1766V^{(1,1),(2)} \oplus 1508V^{(1,1),(1,1)} \oplus 452V^{(1,1),(3)} \oplus 356V^{(1,1),(2,1)} \oplus 23V^{(1,1),(4)} \oplus 18V^{(1,1),(3,1)} \oplus 592V^{(3),\varnothing} \oplus 2166V^{(3),(1)} \oplus 564V^{(3),(2)} \oplus 412V^{(3),(1,1)} \oplus 65V^{(3),(3)} \oplus 45V^{(3),(2,1)} \oplus 592V^{(2,1),\varnothing} \oplus 2094V^{(2,1),(1)} \oplus 532V^{(2,1),(2)} \oplus 396V^{(2,1),(1,1)} \oplus 61V^{(2,1),(3)} \oplus 43V^{(2,1),(2,1)} \oplus 336V^{(4),\varnothing} \oplus 592V^{(4),(1)} \oplus 25V^{(4),(2)} \oplus 13V^{(4),(1,1)} \oplus 336V^{(3,1),\varnothing} \oplus 592V^{(3,1),(1)} \oplus 25V^{(3,1),(2)} \oplus 13V^{(3,1),(1,1)} \oplus 186V^{(2,2),\varnothing} \oplus 448V^{(2,2),(1)} \oplus 19V^{(2,2),(2)} \oplus 10V^{(2,2),(1,1)} \oplus 88V^{(5),\varnothing} \oplus 7V^{(5),(1)} \oplus 164V^{(4,1),\varnothing} \oplus 9V^{(4,1),(1)} \oplus 88V^{(3,2),\varnothing} \oplus 7V^{(3,2),(1)} \oplus V^{(5,1),\varnothing} \oplus V^{(4,2),\varnothing}$
$k = 7: \quad 196V^{\varnothing,(1)} \oplus 140V^{\varnothing,(2)} \oplus 140V^{\varnothing,(1,1)} \oplus 84V^{\varnothing,(3)} \oplus 84V^{\varnothing,(2,1)} \oplus 42V^{\varnothing,(4)} \oplus 42V^{\varnothing,(3,1)} \oplus 28V^{\varnothing,(5)} \oplus 28V^{\varnothing,(4,1)} \oplus 14V^{\varnothing,(6)} \oplus 14V^{\varnothing,(5,1)} \oplus 36V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2580V^{(1),(1,1)} \oplus 1360V^{(1),(3)} \oplus 1200V^{(1),(2,1)} \oplus 650V^{(1),(4)} \oplus 550V^{(1),(3,1)} \oplus 256V^{(1),(5)} \oplus 204V^{(1),(4,1)} \oplus 3V^{(1),(6)} \oplus 3V^{(1),(5,1)} \oplus 30V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1544V^{(2),(2)} \oplus 1316V^{(2),(1,1)} \oplus 738V^{(2),(3)} \oplus 594V^{(2),(2,1)} \oplus 232V^{(2),(4)} \oplus 168V^{(2),(3,1)} \oplus 11V^{(2),(5)} \oplus 9V^{(2),(4,1)} \oplus 30V^{(1,1),\varnothing} \oplus 2580V^{(1,1),(1)} \oplus 1328V^{(1,1),(2)} \oplus 1208V^{(1,1),(1,1)} \oplus 606V^{(1,1),(3)} \oplus 528V^{(1,1),(2,1)} \oplus 176V^{(1,1),(4)} \oplus 140V^{(1,1),(3,1)} \oplus 7V^{(1,1),(5)} \oplus 6V^{(1,1),(4,1)} \oplus 24V^{(3),\varnothing} \oplus 1360V^{(3),(1)} \oplus 738V^{(3),(2)} \oplus 594V^{(3),(1,1)} \oplus 236V^{(3),(3)} \oplus 168V^{(3),(2,1)} \oplus 29V^{(3),(4)} \oplus 21V^{(3),(3,1)} \oplus 24V^{(2,1),\varnothing} \oplus 1360V^{(2,1),(1)} \oplus 714V^{(2,1),(2)} \oplus 582V^{(2,1),(1,1)} \oplus 220V^{(2,1),(3)} \oplus 160V^{(2,1),(2,1)} \oplus 25V^{(2,1),(4)} \oplus 19V^{(2,1),(3,1)} \oplus 18V^{(4),\varnothing} \oplus 650V^{(4),(1)} \oplus 216V^{(4),(2)} \oplus 160V^{(4),(1,1)} \oplus 25V^{(4),(3)} \oplus 13V^{(4),(2,1)} \oplus 18V^{(3,1),\varnothing} \oplus 650V^{(3,1),(1)} \oplus 216V^{(3,1),(2)} \oplus 160V^{(3,1),(1,1)} \oplus 25V^{(3,1),(3)} \oplus 13V^{(3,1),(2,1)} \oplus 18V^{(2,2),\varnothing} \oplus 550V^{(2,2),(1)} \oplus 160V^{(2,2),(2)} \oplus 132V^{(2,2),(1,1)} \oplus 19V^{(2,2),(3)} \oplus 10V^{(2,2),(2,1)} \oplus 12V^{(5),\varnothing} \oplus 204V^{(5),(1)} \oplus 7V^{(5),(2)} \oplus 4V^{(5),(1,1)} \oplus 12V^{(4,1),\varnothing} \oplus 256V^{(4,1),(1)} \oplus 9V^{(4,1),(2)} \oplus 5V^{(4,1),(1,1)} \oplus 12V^{(3,2),\varnothing} \oplus 204V^{(3,2),(1)} \oplus 7V^{(3,2),(2)} \oplus 4V^{(3,2),(1,1)} \oplus 6V^{(5,1),\varnothing} \oplus 3V^{(5,1),(1)} \oplus 6V^{(4,2),\varnothing} \oplus 3V^{(4,2),(1)}$

Table 33: Table for $\lambda = (5,2)$, $\mu = (5,2)$:

$k = 14: \quad 366V^{\varnothing,\varnothing}$
$k = 13: \quad 8322V^{\varnothing,\varnothing} \oplus 253V^{\varnothing,(1)} \oplus 253V^{(1),\varnothing}$
$k = 12: \quad 15288V^{\varnothing,\varnothing} \oplus 7160V^{\varnothing,(1)} \oplus 93V^{\varnothing,(2)} \oplus 85V^{\varnothing,(1,1)} \oplus 7160V^{(1),\varnothing} \oplus 1483V^{(1),(1)} \oplus 93V^{(2),\varnothing} \oplus 85V^{(1,1),\varnothing}$
$k = 11: \quad 14880V^{\varnothing,\varnothing} \oplus 12462V^{\varnothing,(1)} \oplus 2920V^{\varnothing,(2)} \oplus 1852V^{\varnothing,(1,1)} \oplus 32V^{\varnothing,(3)} \oplus 30V^{\varnothing,(2,1)} \oplus 12462V^{(1),\varnothing} \oplus 11488V^{(1),(1)} \oplus 455V^{(1),(2)} \oplus 431V^{(1),(1,1)} \oplus 2920V^{(2),\varnothing} \oplus 455V^{(2),(1)} \oplus 1852V^{(1,1),\varnothing} \oplus 431V^{(1,1),(1)} \oplus 32V^{(3),\varnothing} \oplus 30V^{(2,1),\varnothing}$
$k = 10: \quad 11144V^{\varnothing,\varnothing} \oplus 10596V^{\varnothing,(1)} \oplus 4570V^{\varnothing,(2)} \oplus 2830V^{\varnothing,(1,1)} \oplus 1160V^{\varnothing,(3)} \oplus 1056V^{\varnothing,(2,1)} \oplus 11V^{\varnothing,(4)} \oplus 11V^{\varnothing,(3,1)} \oplus 8V^{\varnothing,(2,2)} \oplus 10596V^{(1),\varnothing} \oplus 18950V^{(1),(1)} \oplus 4216V^{(1),(2)} \oplus 3392V^{(1),(1,1)} \oplus 125V^{(1),(3)} \oplus 121V^{(1),(2,1)} \oplus 4570V^{(2),\varnothing} \oplus 4216V^{(2),(1)} \oplus 293V^{(2),(2)} \oplus 267V^{(2),(1,1)} \oplus 2830V^{(1,1),\varnothing} \oplus 3392V^{(1,1),(1)} \oplus 267V^{(1,1),(2)} \oplus 250V^{(1,1),(1,1)} \oplus 1160V^{(3),\varnothing} \oplus 125V^{(3),(1)} \oplus 1056V^{(2,1),\varnothing} \oplus 121V^{(2,1),(1)} \oplus 11V^{(4),\varnothing} \oplus 11V^{(3,1),\varnothing} \oplus 8V^{(2,2),\varnothing}$
$k = 9:$ $5148V^{\varnothing,\varnothing} \oplus 6896V^{\varnothing,(1)} \oplus 3120V^{\varnothing,(2)} \oplus 1920V^{\varnothing,(1,1)} \oplus 1452V^{\varnothing,(3)} \oplus 1352V^{\varnothing,(2,1)} \oplus 464V^{\varnothing,(4)} \oplus 464V^{\varnothing,(3,1)} \oplus 260V^{\varnothing,(2,2)} \oplus 3V^{\varnothing,(5)} \oplus 4V^{\varnothing,(4,1)} \oplus 3V^{\varnothing,(3,2)} \oplus 6896V^{(1),\varnothing} \oplus 17192V^{(1),(1)} \oplus 6522V^{(1),(2)} \oplus 5298V^{(1),(1,1)} \oplus 1560V^{(1),(3)} \oplus 1480V^{(1),(2,1)} \oplus 31V^{(1),(4)} \oplus 31V^{(1),(3,1)} \oplus 25V^{(1),(2,2)} \oplus 3120V^{(2),\varnothing} \oplus 6522V^{(2),(1)} \oplus 1676V^{(2),(2)} \oplus 1308V^{(2),(1,1)} \oplus 107V^{(2),(3)} \oplus 101V^{(2),(2,1)} \oplus 1920V^{(1,1),\varnothing} \oplus 5298V^{(1,1),(1)} \oplus 1308V^{(1,1),(2)} \oplus 1096V^{(1,1),(1,1)} \oplus 87V^{(1,1),(3)} \oplus 83V^{(1,1),(2,1)} \oplus 1452V^{(3),\varnothing} \oplus 1560V^{(3),(1)} \oplus 107V^{(3),(2)} \oplus 87V^{(3),(1,1)} \oplus 1352V^{(2,1),\varnothing} \oplus 1480V^{(2,1),(1)} \oplus 101V^{(2,1),(2)} \oplus 83V^{(2,1),(1,1)} \oplus 464V^{(4),\varnothing} \oplus 31V^{(4),(1)} \oplus 464V^{(3,1),\varnothing} \oplus 31V^{(3,1),(1)} \oplus 260V^{(2,2),\varnothing} \oplus 25V^{(2,2),(1)} \oplus 3V^{(5),\varnothing} \oplus 4V^{(4,1),\varnothing} \oplus 3V^{(3,2),\varnothing}$
$k = 8:$ $1112V^{\varnothing,\varnothing} \oplus 2280V^{\varnothing,(1)} \oplus 1356V^{\varnothing,(2)} \oplus 888V^{\varnothing,(1,1)} \oplus 688V^{\varnothing,(3)} \oplus 688V^{\varnothing,(2,1)} \oplus 384V^{\varnothing,(4)} \oplus 384V^{\varnothing,(3,1)} \oplus 234V^{\varnothing,(2,2)} \oplus 104V^{\varnothing,(5)} \oplus 180V^{\varnothing,(4,1)} \oplus 104V^{\varnothing,(3,2)} \oplus V^{\varnothing,(5,1)} \oplus V^{\varnothing,(4,2)} \oplus 2280V^{(1),\varnothing} \oplus 11828V^{(1),(1)} \oplus 5136V^{(1),(2)} \oplus 4400V^{(1),(1,1)} \oplus 2166V^{(1),(3)} \oplus 2094V^{(1),(2,1)} \oplus 592V^{(1),(4)} \oplus 592V^{(1),(3,1)} \oplus 448V^{(1),(2,2)} \oplus 7V^{(1),(5)} \oplus 9V^{(1),(4,1)} \oplus 7V^{(1),(3,2)} \oplus 1356V^{(2),\varnothing} \oplus 5136V^{(2),(1)} \oplus 2330V^{(2),(2)} \oplus 1862V^{(2),(1,1)} \oplus 636V^{(2),(3)} \oplus 588V^{(2),(2,1)} \oplus 35V^{(2),(4)} \oplus 35V^{(2),(3,1)} \oplus 27V^{(2),(2,2)} \oplus 888V^{(1,1),\varnothing} \oplus 4400V^{(1,1),(1)} \oplus 1862V^{(1,1),(2)} \oplus 1604V^{(1,1),(1,1)} \oplus 484V^{(1,1),(3)} \oplus 452V^{(1,1),(2,1)} \oplus 23V^{(1,1),(4)} \oplus 23V^{(1,1),(3,1)} \oplus 18V^{(1,1),(2,2)} \oplus 688V^{(3),\varnothing} \oplus 2166V^{(3),(1)} \oplus 636V^{(3),(2)} \oplus 484V^{(3),(1,1)} \oplus 71V^{(3),(3)} \oplus 65V^{(3),(2,1)} \oplus 688V^{(2,1),\varnothing} \oplus 2094V^{(2,1),(1)} \oplus 588V^{(2,1),(2)} \oplus 452V^{(2,1),(1,1)} \oplus 65V^{(2,1),(3)} \oplus 61V^{(2,1),(2,1)} \oplus 384V^{(4),\varnothing} \oplus 592V^{(4),(1)} \oplus 35V^{(4),(2)} \oplus 23V^{(4),(1,1)} \oplus 384V^{(3,1),\varnothing} \oplus 592V^{(3,1),(1)} \oplus 35V^{(3,1),(2)} \oplus 23V^{(3,1),(1,1)} \oplus 234V^{(2,2),\varnothing} \oplus 448V^{(2,2),(1)} \oplus 27V^{(2,2),(2)} \oplus 18V^{(2,2),(1,1)} \oplus 104V^{(5),\varnothing} \oplus 7V^{(5),(1)} \oplus 180V^{(4,1),\varnothing} \oplus 9V^{(4,1),(1)} \oplus 104V^{(3,2),\varnothing} \oplus 7V^{(3,2),(1)} \oplus V^{(5,1),\varnothing} \oplus V^{(4,2),\varnothing}$
$k = 7: \quad 196V^{\varnothing,\varnothing} \oplus 196V^{\varnothing,(1)} \oplus 140V^{\varnothing,(2)} \oplus 140V^{\varnothing,(1,1)} \oplus 84V^{\varnothing,(3)} \oplus 84V^{\varnothing,(2,1)} \oplus 42V^{\varnothing,(4)} \oplus 42V^{\varnothing,(3,1)} \oplus 42V^{\varnothing,(2,2)} \oplus 28V^{\varnothing,(5)} \oplus 28V^{\varnothing,(4,1)} \oplus 28V^{\varnothing,(3,2)} \oplus 14V^{\varnothing,(5,1)} \oplus 14V^{\varnothing,(4,2)} \oplus 196V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2580V^{(1),(1,1)} \oplus 1360V^{(1),(3)} \oplus 1360V^{(1),(2,1)} \oplus 650V^{(1),(4)} \oplus 650V^{(1),(3,1)} \oplus 550V^{(1),(2,2)} \oplus 204V^{(1),(5)} \oplus 256V^{(1),(4,1)} \oplus 204V^{(1),(3,2)} \oplus 3V^{(1),(5,1)} \oplus 3V^{(1),(4,2)} \oplus 140V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1580V^{(2),(2)} \oplus 1352V^{(2),(1,1)} \oplus 774V^{(2),(3)} \oplus 738V^{(2),(2,1)} \oplus 232V^{(2),(4)} \oplus 232V^{(2),(3,1)} \oplus 168V^{(2),(2,2)} \oplus 9V^{(2),(5)} \oplus 11V^{(2),(4,1)} \oplus 9V^{(2),(3,2)} \oplus 140V^{(1,1),\varnothing} \oplus 2580V^{(1,1),(1)} \oplus 1352V^{(1,1),(2)} \oplus 1232V^{(1,1),(1,1)} \oplus 630V^{(1,1),(3)} \oplus 606V^{(1,1),(2,1)} \oplus 176V^{(1,1),(4)} \oplus 176V^{(1,1),(3,1)} \oplus 140V^{(1,1),(2,2)} \oplus 6V^{(1,1),(5)} \oplus 7V^{(1,1),(4,1)} \oplus 6V^{(1,1),(3,2)} \oplus 84V^{(3),\varnothing} \oplus 1360V^{(3),(1)} \oplus 774V^{(3),(2)} \oplus 630V^{(3),(1,1)} \oplus 260V^{(3),(3)} \oplus 236V^{(3),(2,1)} \oplus 29V^{(3),(4)} \oplus 29V^{(3),(3,1)} \oplus 21V^{(3),(2,2)} \oplus 84V^{(2,1),\varnothing} \oplus 1360V^{(2,1),(1)} \oplus 738V^{(2,1),(2)} \oplus 606V^{(2,1),(1,1)} \oplus 236V^{(2,1),(3)} \oplus 220V^{(2,1),(2,1)} \oplus 25V^{(2,1),(4)} \oplus 25V^{(2,1),(3,1)} \oplus 19V^{(2,1),(2,2)} \oplus 42V^{(4),\varnothing} \oplus 650V^{(4),(1)} \oplus 232V^{(4),(2)} \oplus 176V^{(4),(1,1)} \oplus 29V^{(4),(3)} \oplus 25V^{(4),(2,1)} \oplus 42V^{(3,1),\varnothing} \oplus 650V^{(3,1),(1)} \oplus$

Table 34: Table for $\lambda = (5,2)$, $\mu = (5,1,1)$:

$k = 14: \quad 60V^{\varnothing,\varnothing}$
$k = 13: \quad 8091V^{\varnothing,\varnothing} \oplus 255V^{\varnothing,(1)} \oplus 312V^{(1),\varnothing}$
$k = 12: \quad 15194V^{\varnothing,\varnothing} \oplus 7680V^{\varnothing,(1)} \oplus 93V^{\varnothing,(2)} \oplus 86V^{\varnothing,(1,1)} \oplus 7520V^{(1),\varnothing} \oplus 1487V^{(1),(1)} \oplus 117V^{(2),\varnothing} \oplus 108V^{(1,1),\varnothing}$
$k = 11: \quad 14884V^{\varnothing,\varnothing} \oplus 13362V^{\varnothing,(1)} \oplus 2920V^{\varnothing,(2)} \oplus 2612V^{\varnothing,(1,1)} \oplus 32V^{\varnothing,(3)} \oplus 30V^{\varnothing,(2,1)} \oplus 22V^{\varnothing,(1,1,1)} \oplus 12864V^{(1),\varnothing} \oplus 11888V^{(1),(1)} \oplus 455V^{(1),(2)} \oplus 433V^{(1),(1,1)} \oplus 3046V^{(2),\varnothing} \oplus 461V^{(2),(1)} \oplus 1958V^{(1,1),\varnothing} \oplus 435V^{(1,1),(1)} \oplus 39V^{(3),\varnothing} \oplus 37V^{(2,1),\varnothing}$
$k = 10: \quad 10976V^{\varnothing,\varnothing} \oplus 11236V^{\varnothing,(1)} \oplus 4570V^{\varnothing,(2)} \oplus 4180V^{\varnothing,(1,1)} \oplus 1160V^{\varnothing,(3)} \oplus 1056V^{\varnothing,(2,1)} \oplus 598V^{\varnothing,(1,1,1)} \oplus 11V^{\varnothing,(4)} \oplus 11V^{\varnothing,(3,1)} \oplus 8V^{\varnothing,(2,1,1)} \oplus 11638V^{(1),\varnothing} \oplus 19598V^{(1),(1)} \oplus 4216V^{(1),(2)} \oplus 3912V^{(1),(1,1)} \oplus 125V^{(1),(3)} \oplus 121V^{(1),(2,1)} \oplus 97V^{(1),(1,1,1)} \oplus 4674V^{(2),\varnothing} \oplus 4456V^{(2),(1)} \oplus 293V^{(2),(2)} \oplus 269V^{(2),(1,1)} \oplus 2916V^{(1,1),\varnothing} \oplus 3552V^{(1,1),(1)} \oplus 267V^{(1,1),(2)} \oplus 251V^{(1,1),(1,1)} \oplus 1190V^{(3),\varnothing} \oplus 131V^{(3),(1)} \oplus 1086V^{(2,1),\varnothing} \oplus 125V^{(2,1),(1)} \oplus 12V^{(4),\varnothing} \oplus 12V^{(3,1),\varnothing} \oplus 9V^{(2,2),\varnothing}$
$k = 9: \quad 4980V^{\varnothing,\varnothing} \oplus 7136V^{\varnothing,(1)} \oplus 3120V^{\varnothing,(2)} \oplus 2960V^{\varnothing,(1,1)} \oplus 1452V^{\varnothing,(3)} \oplus 1352V^{\varnothing,(2,1)} \oplus 802V^{\varnothing,(1,1,1)} \oplus 464V^{\varnothing,(4)} \oplus 464V^{\varnothing,(3,1)} \oplus 260V^{\varnothing,(2,1,1)} \oplus 3V^{\varnothing,(5)} \oplus 4V^{\varnothing,(4,1)} \oplus 3V^{\varnothing,(3,1,1)} \oplus 7185V^{(1),\varnothing} \oplus 17576V^{(1),(1)} \oplus 6522V^{(1),(2)} \oplus 6198V^{(1),(1,1)} \oplus 1560V^{(1),(3)} \oplus 1480V^{(1),(2,1)} \oplus 1120V^{(1),(1,1,1)} \oplus 31V^{(1),(4)} \oplus 31V^{(1),(3,1)} \oplus 25V^{(1),(2,1,1)} \oplus 3400V^{(2),\varnothing} \oplus 6846V^{(2),(1)} \oplus 1676V^{(2),(2)} \oplus 1508V^{(2),(1,1)} \oplus 107V^{(2),(3)} \oplus 101V^{(2),(2,1)} \oplus 75V^{(2),(1,1,1)} \oplus 2200V^{(1,1),\varnothing} \oplus 5514V^{(1,1),(1)} \oplus 1308V^{(1,1),(2)} \oplus 1196V^{(1,1),(1,1)} \oplus 87V^{(1,1),(3)} \oplus 83V^{(1,1),(2,1)} \oplus 66V^{(1,1),(1,1,1)} \oplus 1470V^{(3),\varnothing} \oplus 1680V^{(3),(1)} \oplus 107V^{(3),(2)} \oplus 89V^{(3),(1,1)} \oplus 1370V^{(2,1),\varnothing} \oplus 1560V^{(2,1),(1)} \oplus 101V^{(2,1),(2)} \oplus 85V^{(2,1),(1,1)} \oplus 468V^{(4),\varnothing} \oplus 35V^{(4),(1)} \oplus 468V^{(3,1),\varnothing} \oplus 35V^{(3,1),(1)} \oplus 264V^{(2,2),\varnothing} \oplus 27V^{(2,2),(1)} \oplus 3V^{(5),\varnothing} \oplus 4V^{(4,1),\varnothing} \oplus 3V^{(3,2),\varnothing}$
$k = 8: \quad 930V^{\varnothing,\varnothing} \oplus 2280V^{\varnothing,(1)} \oplus 1356V^{\varnothing,(2)} \oplus 1356V^{\varnothing,(1,1)} \oplus 688V^{\varnothing,(3)} \oplus 688V^{\varnothing,(2,1)} \oplus 428V^{\varnothing,(1,1,1)} \oplus 384V^{\varnothing,(4)} \oplus 384V^{\varnothing,(3,1)} \oplus 234V^{\varnothing,(2,1,1)} \oplus 104V^{\varnothing,(5)} \oplus 180V^{\varnothing,(4,1)} \oplus 104V^{\varnothing,(3,1,1)} \oplus V^{\varnothing,(5,1)} \oplus V^{\varnothing,(4,1,1)} \oplus 2430V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 5136V^{(1),(2)} \oplus 5040V^{(1),(1,1)} \oplus 2166V^{(1),(3)} \oplus 2094V^{(1),(2,1)} \oplus 1722V^{(1),(1,1,1)} \oplus 592V^{(1),(4)} \oplus 592V^{(1),(3,1)} \oplus 448V^{(1),(2,1,1)} \oplus 7V^{(1),(5)} \oplus 9V^{(1),(4,1)} \oplus 7V^{(1),(3,1,1)} \oplus 1461V^{(2),\varnothing} \oplus 5280V^{(2),(1)} \oplus 2330V^{(2),(2)} \oplus 2186V^{(2),(1,1)} \oplus 636V^{(2),(3)} \oplus 588V^{(2),(2,1)} \oplus 424V^{(2),(1,1,1)} \oplus 35V^{(2),(4)} \oplus 35V^{(2),(3,1)} \oplus 27V^{(2),(2,1,1)} \oplus 993V^{(1,1),\varnothing} \oplus 4496V^{(1,1),(1)} \oplus 1862V^{(1,1),(2)} \oplus 1766V^{(1,1),(1,1)} \oplus 484V^{(1,1),(3)} \oplus 452V^{(1,1),(2,1)} \oplus 356V^{(1,1),(1,1,1)} \oplus 23V^{(1,1),(4)} \oplus 23V^{(1,1),(3,1)} \oplus 18V^{(1,1),(2,1,1)} \oplus 760V^{(3),\varnothing} \oplus 2274V^{(3),(1)} \oplus 636V^{(3),(2)} \oplus 564V^{(3),(1,1)} \oplus 71V^{(3),(3)} \oplus 65V^{(3),(2,1)} \oplus 45V^{(3),(1,1,1)} \oplus 760V^{(2,1),\varnothing} \oplus 2166V^{(2,1),(1)} \oplus 588V^{(2,1),(2)} \oplus 532V^{(2,1),(1,1)} \oplus 65V^{(2,1),(3)} \oplus 61V^{(2,1),(2,1)} \oplus 43V^{(2,1),(1,1,1)} \oplus 390V^{(4),\varnothing} \oplus 632V^{(4),(1)} \oplus 35V^{(4),(2)} \oplus 25V^{(4),(1,1)} \oplus 390V^{(3,1),\varnothing} \oplus 632V^{(3,1),(1)} \oplus 35V^{(3,1),(2)} \oplus 25V^{(3,1),(1,1)} \oplus 240V^{(2,2),\varnothing} \oplus 468V^{(2,2),(1)} \oplus 27V^{(2,2),(2)} \oplus 19V^{(2,2),(1,1)} \oplus 106V^{(5),\varnothing} \oplus 9V^{(5),(1)} \oplus 182V^{(4,1),\varnothing} \oplus 11V^{(4,1),(1)} \oplus 106V^{(3,2),\varnothing} \oplus 9V^{(3,2),(1)} \oplus V^{(5,1),\varnothing} \oplus V^{(4,2),\varnothing}$
$k = 7: \quad 196V^{\varnothing,(1)} \oplus 140V^{\varnothing,(2)} \oplus 140V^{\varnothing,(1,1)} \oplus 84V^{\varnothing,(3)} \oplus 84V^{\varnothing,(2,1)} \oplus 84V^{\varnothing,(1,1,1)} \oplus 42V^{\varnothing,(4)} \oplus 42V^{\varnothing,(3,1)} \oplus 42V^{\varnothing,(2,1,1)} \oplus 28V^{\varnothing,(5)} \oplus 28V^{\varnothing,(4,1)} \oplus 28V^{\varnothing,(3,1,1)} \oplus 14V^{\varnothing,(5,1)} \oplus 14V^{\varnothing,(4,1,1)} \oplus 225V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1360V^{(1),(3)} \oplus 1360V^{(1),(2,1)} \oplus 1200V^{(1),(1,1,1)} \oplus 650V^{(1),(4)} \oplus 650V^{(1),(3,1)} \oplus 550V^{(1),(2,1,1)} \oplus 204V^{(1),(5)} \oplus 256V^{(1),(4,1)} \oplus 204V^{(1),(3,1,1)} \oplus 3V^{(1),(5,1)} \oplus 3V^{(1),(4,1,1)} \oplus 165V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1580V^{(2),(2)} \oplus 1544V^{(2),(1,1)} \oplus 774V^{(2),(3)} \oplus 738V^{(2),(2,1)} \oplus 594V^{(2),(1,1,1)} \oplus 232V^{(2),(4)} \oplus 232V^{(2),(3,1)} \oplus 168V^{(2),(2,1,1)} \oplus 9V^{(2),(5)} \oplus 11V^{(2),(4,1)} \oplus 9V^{(2),(3,1,1)} \oplus 165V^{(1,1),\varnothing} \oplus 2580V^{(1,1),(1)} \oplus 1352V^{(1,1),(2)} \oplus 1328V^{(1,1),(1,1)} \oplus 630V^{(1,1),(3)} \oplus 606V^{(1,1),(2,1)} \oplus 528V^{(1,1),(1,1,1)} \oplus 176V^{(1,1),(4)} \oplus 176V^{(1,1),(3,1)} \oplus 140V^{(1,1),(2,1,1)} \oplus 6V^{(1,1),(5)} \oplus 7V^{(1,1),(4,1)} \oplus 6V^{(1,1),(3,1,1)} \oplus 105V^{(3),\varnothing} \oplus 1360V^{(3),(1)} \oplus 774V^{(3),(2)} \oplus 738V^{(3),(1,1)} \oplus 260V^{(3),(3)} \oplus 236V^{(3),(2,1)} \oplus 168V^{(3),(1,1,1)} \oplus 29V^{(3),(4)} \oplus$

Table 35: Table for $\lambda = (5,2)$, $\mu = (4,3)$:

$k = 14: \quad 144V^{\varnothing,\varnothing}$
$k = 13: \quad 8293V^{\varnothing,\varnothing} \oplus 239V^{\varnothing,(1)} \oplus 251V^{(1),\varnothing}$
$k = 12: \quad 15286V^{\varnothing,\varnothing} \oplus 7048V^{\varnothing,(1)} \oplus 88V^{\varnothing,(2)} \oplus 85V^{\varnothing,(1,1)} \oplus 7156V^{(1),\varnothing} \oplus 1411V^{(1),(1)} \oplus 92V^{(2),\varnothing} \oplus 84V^{(1,1),\varnothing}$
$k = 11: \quad 14880V^{\varnothing,\varnothing} \oplus 12378V^{\varnothing,(1)} \oplus 2820V^{\varnothing,(2)} \oplus 1852V^{\varnothing,(1,1)} \oplus 30V^{\varnothing,(3)} \oplus 30V^{\varnothing,(2,1)} \oplus 12462V^{(1),\varnothing} \oplus 11200V^{(1),(1)} \oplus 437V^{(1),(2)} \oplus 431V^{(1),(1,1)} \oplus 2920V^{(2),\varnothing} \oplus 407V^{(2),(1)} \oplus 1852V^{(1,1),\varnothing} \oplus 383V^{(1,1),(1)} \oplus 32V^{(3),\varnothing} \oplus 30V^{(2,1),\varnothing}$
$k = 10: \quad 11144V^{\varnothing,\varnothing} \oplus 10596V^{\varnothing,(1)} \oplus 4480V^{\varnothing,(2)} \oplus 2830V^{\varnothing,(1,1)} \oplus 1056V^{\varnothing,(3)} \oplus 1056V^{\varnothing,(2,1)} \oplus 8V^{\varnothing,(4)} \oplus 11V^{\varnothing,(3,1)} \oplus 10V^{\varnothing,(2,2)} \oplus 10596V^{(1),\varnothing} \oplus 18806V^{(1),(1)} \oplus 4072V^{(1),(2)} \oplus 3392V^{(1),(1,1)} \oplus 121V^{(1),(3)} \oplus 121V^{(1),(2,1)} \oplus 4570V^{(2),\varnothing} \oplus 4120V^{(2),(1)} \oplus 275V^{(2),(2)} \oplus 267V^{(2),(1,1)} \oplus 2830V^{(1,1),\varnothing} \oplus 3296V^{(1,1),(1)} \oplus 255V^{(1,1),(2)} \oplus 250V^{(1,1),(1,1)} \oplus 1160V^{(3),\varnothing} \oplus 101V^{(3),(1)} \oplus 1056V^{(2,1),\varnothing} \oplus 97V^{(2,1),(1)} \oplus 11V^{(4),\varnothing} \oplus 11V^{(3,1),\varnothing} \oplus 8V^{(2,2),\varnothing}$
$k = 9: \quad 4952V^{\varnothing,\varnothing} \oplus 6896V^{\varnothing,(1)} \oplus 3120V^{\varnothing,(2)} \oplus 1920V^{\varnothing,(1,1)} \oplus 1352V^{\varnothing,(3)} \oplus 1352V^{\varnothing,(2,1)} \oplus 260V^{\varnothing,(4)} \oplus 464V^{\varnothing,(3,1)} \oplus 312V^{\varnothing,(2,2)} \oplus 3V^{\varnothing,(4,1)} \oplus 4V^{\varnothing,(3,2)} \oplus 6896V^{(1),\varnothing} \oplus 17192V^{(1),(1)} \oplus 6414V^{(1),(2)} \oplus 5298V^{(1),(1,1)} \oplus 1480V^{(1),(3)} \oplus 1480V^{(1),(2,1)} \oplus 25V^{(1),(4)} \oplus 31V^{(1),(3,1)} \oplus 29V^{(1),(2,2)} \oplus 3120V^{(2),\varnothing} \oplus 6522V^{(2),(1)} \oplus 1604V^{(2),(2)} \oplus 1308V^{(2),(1,1)} \oplus 101V^{(2),(3)} \oplus 101V^{(2),(2,1)} \oplus 1920V^{(1,1),\varnothing} \oplus 5298V^{(1,1),(1)} \oplus 1260V^{(1,1),(2)} \oplus 1096V^{(1,1),(1,1)} \oplus 83V^{(1,1),(3)} \oplus 83V^{(1,1),(2,1)} \oplus 1452V^{(3),\varnothing} \oplus 1560V^{(3),(1)} \oplus 95V^{(3),(2)} \oplus 87V^{(3),(1,1)} \oplus 1352V^{(2,1),\varnothing} \oplus 1480V^{(2,1),(1)} \oplus 89V^{(2,1),(2)} \oplus 83V^{(2,1),(1,1)} \oplus 464V^{(4),\varnothing} \oplus 31V^{(4),(1)} \oplus 464V^{(3,1),\varnothing} \oplus 31V^{(3,1),(1)} \oplus 260V^{(2,2),\varnothing} \oplus 25V^{(2,2),(1)} \oplus 3V^{(5),\varnothing} \oplus 4V^{(4,1),\varnothing} \oplus 3V^{(3,2),\varnothing}$
$k = 8: \quad 916V^{\varnothing,\varnothing} \oplus 2280V^{\varnothing,(1)} \oplus 1356V^{\varnothing,(2)} \oplus 888V^{\varnothing,(1,1)} \oplus 688V^{\varnothing,(3)} \oplus 688V^{\varnothing,(2,1)} \oplus 234V^{\varnothing,(4)} \oplus 384V^{\varnothing,(3,1)} \oplus 234V^{\varnothing,(2,2)} \oplus 104V^{\varnothing,(4,1)} \oplus 180V^{\varnothing,(3,2)} \oplus V^{\varnothing,(4,2)} \oplus V^{\varnothing,(3,3)} \oplus 2196V^{(1),\varnothing} \oplus 11828V^{(1),(1)} \oplus 5136V^{(1),(2)} \oplus 4400V^{(1),(1,1)} \oplus 2094V^{(1),(3)} \oplus 2094V^{(1),(2,1)} \oplus 448V^{(1),(4)} \oplus 592V^{(1),(3,1)} \oplus 488V^{(1),(2,2)} \oplus 7V^{(1),(4,1)} \oplus 9V^{(1),(3,2)} \oplus 1356V^{(2),\varnothing} \oplus 5136V^{(2),(1)} \oplus 2294V^{(2),(2)} \oplus 1862V^{(2),(1,1)} \oplus 588V^{(2),(3)} \oplus 588V^{(2),(2,1)} \oplus 27V^{(2),(4)} \oplus 35V^{(2),(3,1)} \oplus 33V^{(2),(2,2)} \oplus 888V^{(1,1),\varnothing} \oplus 4400V^{(1,1),(1)} \oplus 1838V^{(1,1),(2)} \oplus 1604V^{(1,1),(1,1)} \oplus 452V^{(1,1),(3)} \oplus 452V^{(1,1),(2,1)} \oplus 18V^{(1,1),(4)} \oplus 23V^{(1,1),(3,1)} \oplus 22V^{(1,1),(2,2)} \oplus 688V^{(3),\varnothing} \oplus 2166V^{(3),(1)} \oplus 612V^{(3),(2)} \oplus 484V^{(3),(1,1)} \oplus 65V^{(3),(3)} \oplus 65V^{(3),(2,1)} \oplus 688V^{(2,1),\varnothing} \oplus 2094V^{(2,1),(1)} \oplus 564V^{(2,1),(2)} \oplus 452V^{(2,1),(1,1)} \oplus 61V^{(2,1),(3)} \oplus 61V^{(2,1),(2,1)} \oplus 384V^{(4),\varnothing} \oplus 592V^{(4),(1)} \oplus 29V^{(4),(2)} \oplus 23V^{(4),(1,1)} \oplus 384V^{(3,1),\varnothing} \oplus 592V^{(3,1),(1)} \oplus 29V^{(3,1),(2)} \oplus 23V^{(3,1),(1,1)} \oplus 234V^{(2,2),\varnothing} \oplus 448V^{(2,2),(1)} \oplus 21V^{(2,2),(2)} \oplus 18V^{(2,2),(1,1)} \oplus 104V^{(5),\varnothing} \oplus 7V^{(5),(1)} \oplus 180V^{(4,1),\varnothing} \oplus 9V^{(4,1),(1)} \oplus 104V^{(3,2),\varnothing} \oplus 7V^{(3,2),(1)} \oplus V^{(5,1),\varnothing} \oplus V^{(4,2),\varnothing}$
$k = 7:$ $196V^{\varnothing,(1)} \oplus 140V^{\varnothing,(2)} \oplus 140V^{\varnothing,(1,1)} \oplus 84V^{\varnothing,(3)} \oplus 84V^{\varnothing,(2,1)} \oplus 42V^{\varnothing,(4)} \oplus 42V^{\varnothing,(3,1)} \oplus 42V^{\varnothing,(2,2)} \oplus 28V^{\varnothing,(4,1)} \oplus 28V^{\varnothing,(3,2)} \oplus 14V^{\varnothing,(4,2)} \oplus 14V^{\varnothing,(3,3)} \oplus 196V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2580V^{(1),(1,1)} \oplus 1360V^{(1),(3)} \oplus 1360V^{(1),(2,1)} \oplus 550V^{(1),(4)} \oplus 650V^{(1),(3,1)} \oplus 550V^{(1),(2,2)} \oplus 204V^{(1),(4,1)} \oplus 256V^{(1),(3,2)} \oplus 3V^{(1),(4,2)} \oplus 3V^{(1),(3,3)} \oplus 126V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1580V^{(2),(2)} \oplus 1352V^{(2),(1,1)} \oplus 738V^{(2),(3)} \oplus 738V^{(2),(2,1)} \oplus 168V^{(2),(4)} \oplus 232V^{(2),(3,1)} \oplus 192V^{(2),(2,2)} \oplus 9V^{(2),(4,1)} \oplus 11V^{(2),(3,2)} \oplus 126V^{(1,1),\varnothing} \oplus 2580V^{(1,1),(1)} \oplus 1352V^{(1,1),(2)} \oplus 1232V^{(1,1),(1,1)} \oplus 606V^{(1,1),(3)} \oplus 606V^{(1,1),(2,1)} \oplus 140V^{(1,1),(4)} \oplus 176V^{(1,1),(3,1)} \oplus 156V^{(1,1),(2,2)} \oplus 6V^{(1,1),(4,1)} \oplus 7V^{(1,1),(3,2)} \oplus 84V^{(3),\varnothing} \oplus 1360V^{(3),(1)} \oplus 774V^{(3),(2)} \oplus 630V^{(3),(1,1)} \oplus 236V^{(3),(3)} \oplus 236V^{(3),(2,1)} \oplus 21V^{(3),(4)} \oplus 29V^{(3),(3,1)} \oplus 27V^{(3),(2,2)} \oplus 84V^{(2,1),\varnothing} \oplus 1360V^{(2,1),(1)} \oplus 738V^{(2,1),(2)} \oplus 606V^{(2,1),(1,1)} \oplus 220V^{(2,1),(3)} \oplus 220V^{(2,1),(2,1)} \oplus 19V^{(2,1),(4)} \oplus 25V^{(2,1),(3,1)} \oplus 23V^{(2,1),(2,2)} \oplus 42V^{(4),\varnothing} \oplus 650V^{(4),(1)} \oplus 232V^{(4),(2)} \oplus 176V^{(4),(1,1)} \oplus 25V^{(4),(3)} \oplus 25V^{(4),(2,1)} \oplus 42V^{(3,1),\varnothing} \oplus 650V^{(3,1),(1)} \oplus 232V^{(3,1),(2)} \oplus 176V^{(3,1),(1,1)} \oplus 25V^{(3,1),(3)} \oplus 25V^{(3,1),(2,1)} \oplus 42V^{(2,2),\varnothing} \oplus 550V^{(2,2),(1)} \oplus 168V^{(2,2),(2)} \oplus 140V^{(2,2),(1,1)} \oplus 19V^{(2,2),(3)} \oplus 19V^{(2,2),(2,1)} \oplus 28V^{(5),\varnothing} \oplus 204V^{(5),(1)} \oplus$

Table 36: Table for $\lambda = (5,2)$, $\mu = (4,2,1)$:

$k = 14: \quad 144V^{\varnothing,\varnothing}$
$k = 13: \quad 8587V^{\varnothing,\varnothing} \oplus 316V^{\varnothing,(1)} \oplus 734V^{(1),\varnothing}$
$k = 12: \quad 15874V^{\varnothing,\varnothing} \oplus 8076V^{\varnothing,(1)} \oplus 114V^{\varnothing,(2)} \oplus 112V^{\varnothing,(1,1)} \oplus 9332V^{(1),\varnothing} \oplus 1817V^{(1),(1)} \oplus 174V^{(2),\varnothing} \oplus 165V^{(1,1),\varnothing}$
$k = 11: \quad 15468V^{\varnothing,\varnothing} \oplus 13716V^{\varnothing,(1)} \oplus 3284V^{\varnothing,(2)} \oplus 3076V^{\varnothing,(1,1)} \oplus 37V^{\varnothing,(3)} \oplus 40V^{\varnothing,(2,1)} \oplus 29V^{\varnothing,(1,1,1)} \oplus 15936V^{(1),\varnothing} \oplus 12704V^{(1),(1)} \oplus 549V^{(1),(2)} \oplus 545V^{(1),(1,1)} \oplus 3598V^{(2),\varnothing} \oplus 647V^{(2),(1)} \oplus 2510V^{(1,1),\varnothing} \oplus 615V^{(1,1),(1)} \oplus 43V^{(3),\varnothing} \oplus 41V^{(2,1),\varnothing}$
$k = 10: \quad 12026V^{\varnothing,\varnothing} \oplus 11356V^{\varnothing,(1)} \oplus 4960V^{\varnothing,(2)} \oplus 4660V^{\varnothing,(1,1)} \oplus 1210V^{\varnothing,(3)} \oplus 1618V^{\varnothing,(2,1)} \oplus 752V^{\varnothing,(1,1,1)} \oplus 10V^{\varnothing,(4)} \oplus 14V^{\varnothing,(3,1)} \oplus 11V^{\varnothing,(2,2)} \oplus 11V^{\varnothing,(2,1,1)} \oplus 15358V^{(1),\varnothing} \oplus 20066V^{(1),(1)} \oplus 4664V^{(1),(2)} \oplus 4504V^{(1),(1,1)} \oplus 143V^{(1),(3)} \oplus 149V^{(1),(2,1)} \oplus 119V^{(1),(1,1,1)} \oplus 5674V^{(2),\varnothing} \oplus 4696V^{(2),(1)} \oplus 365V^{(2),(2)} \oplus 359V^{(2),(1,1)} \oplus 3916V^{(1,1),\varnothing} \oplus 3744V^{(1,1),(1)} \oplus 331V^{(1,1),(2)} \oplus 327V^{(1,1),(1,1)} \oplus 1390V^{(3),\varnothing} \oplus 167V^{(3),(1)} \oplus 1286V^{(2,1),\varnothing} \oplus 161V^{(2,1),(1)} \oplus 12V^{(4),\varnothing} \oplus 12V^{(3,1),\varnothing} \oplus 9V^{(2,2),\varnothing}$
$k = 9: \quad 5540V^{\varnothing,\varnothing} \oplus 7136V^{\varnothing,(1)} \oplus 3280V^{\varnothing,(2)} \oplus 3120V^{\varnothing,(1,1)} \oplus 1452V^{\varnothing,(3)} \oplus 2002V^{\varnothing,(2,1)} \oplus 902V^{\varnothing,(1,1,1)} \oplus 312V^{\varnothing,(4)} \oplus 668V^{\varnothing,(3,1)} \oplus 464V^{\varnothing,(2,2)} \oplus 464V^{\varnothing,(2,1,1)} \oplus 4V^{\varnothing,(4,1)} \oplus 4V^{\varnothing,(3,2)} \oplus 4V^{\varnothing,(3,1,1)} \oplus 3V^{\varnothing,(2,2,1)} \oplus 11425V^{(1),\varnothing} \oplus 17684V^{(1),(1)} \oplus 6846V^{(1),(2)} \oplus 6630V^{(1),(1,1)} \oplus 1632V^{(1),(3)} \oplus 1920V^{(1),(2,1)} \oplus 1272V^{(1),(1,1,1)} \oplus 29V^{(1),(4)} \oplus 37V^{(1),(3,1)} \oplus 31V^{(1),(2,2)} \oplus 31V^{(1),(2,1,1)} \oplus 4520V^{(2),\varnothing} \oplus 6954V^{(2),(1)} \oplus 1892V^{(2),(2)} \oplus 1796V^{(2),(1,1)} \oplus 125V^{(2),(3)} \oplus 133V^{(2),(2,1)} \oplus 99V^{(2),(1,1,1)} \oplus 3320V^{(1,1),\varnothing} \oplus 5586V^{(1,1),(1)} \oplus 1468V^{(1,1),(2)} \oplus 1404V^{(1,1),(1,1)} \oplus 99V^{(1,1),(3)} \oplus 104V^{(1,1),(2,1)} \oplus 82V^{(1,1),(1,1,1)} \oplus 1830V^{(3),\varnothing} \oplus 1728V^{(3),(1)} \oplus 149V^{(3),(2)} \oplus 143V^{(3),(1,1)} \oplus 1730V^{(2,1),\varnothing} \oplus 1608V^{(2,1),(1)} \oplus 141V^{(2,1),(2)} \oplus 137V^{(2,1),(1,1)} \oplus 548V^{(4),\varnothing} \oplus 41V^{(4),(1)} \oplus 548V^{(3,1),\varnothing} \oplus 41V^{(3,1),(1)} \oplus 344V^{(2,2),\varnothing} \oplus 33V^{(2,2),(1)} \oplus 3V^{(5),\varnothing} \oplus 4V^{(4,1),\varnothing} \oplus 3V^{(3,2),\varnothing}$
$k = 8: \quad 1210V^{\varnothing,\varnothing} \oplus 2280V^{\varnothing,(1)} \oplus 1356V^{\varnothing,(2)} \oplus 1356V^{\varnothing,(1,1)} \oplus 688V^{\varnothing,(3)} \oplus 948V^{\varnothing,(2,1)} \oplus 428V^{\varnothing,(1,1,1)} \oplus 234V^{\varnothing,(4)} \oplus 534V^{\varnothing,(3,1)} \oplus 384V^{\varnothing,(2,2)} \oplus 384V^{\varnothing,(2,1,1)} \oplus 180V^{\varnothing,(4,1)} \oplus 180V^{\varnothing,(3,2)} \oplus 180V^{\varnothing,(3,1,1)} \oplus 104V^{\varnothing,(2,2,1)} \oplus V^{\varnothing,(4,2)} \oplus V^{\varnothing,(4,1,1)} \oplus V^{\varnothing,(3,2,1)} \oplus 5640V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 5232V^{(1),(2)} \oplus 5136V^{(1),(1,1)} \oplus 2166V^{(1),(3)} \oplus 2538V^{(1),(2,1)} \oplus 1794V^{(1),(1,1,1)} \oplus 488V^{(1),(4)} \oplus 736V^{(1),(3,1)} \oplus 592V^{(1),(2,2)} \oplus 592V^{(1),(2,1,1)} \oplus 9V^{(1),(4,1)} \oplus 9V^{(1),(3,2)} \oplus 9V^{(1),(3,1,1)} \oplus 7V^{(1),(2,2,1)} \oplus 2511V^{(2),\varnothing} \oplus 5280V^{(2),(1)} \oplus 2474V^{(2),(2)} \oplus 2366V^{(2),(1,1)} \oplus 672V^{(2),(3)} \oplus 800V^{(2),(2,1)} \oplus 508V^{(2),(1,1,1)} \oplus 33V^{(2),(4)} \oplus 43V^{(2),(3,1)} \oplus 35V^{(2),(2,2)} \oplus 35V^{(2),(2,1,1)} \oplus 2043V^{(1,1),\varnothing} \oplus 4496V^{(1,1),(1)} \oplus 1958V^{(1,1),(2)} \oplus 1886V^{(1,1),(1,1)} \oplus 508V^{(1,1),(3)} \oplus 580V^{(1,1),(2,1)} \oplus 412V^{(1,1),(1,1,1)} \oplus 22V^{(1,1),(4)} \oplus 28V^{(1,1),(3,1)} \oplus 23V^{(1,1),(2,2)} \oplus 23V^{(1,1),(2,1,1)} \oplus 1080V^{(3),\varnothing} \oplus 2274V^{(3),(1)} \oplus 708V^{(3),(2)} \oplus 660V^{(3),(1,1)} \oplus 83V^{(3),(3)} \oplus 91V^{(3),(2,1)} \oplus 63V^{(3),(1,1,1)} \oplus 1080V^{(2,1),\varnothing} \oplus 2166V^{(2,1),(1)} \oplus 644V^{(2,1),(2)} \oplus 612V^{(2,1),(1,1)} \oplus 77V^{(2,1),(3)} \oplus 83V^{(2,1),(2,1)} \oplus 59V^{(2,1),(1,1,1)} \oplus 510V^{(4),\varnothing} \oplus 632V^{(4),(1)} \oplus 45V^{(4),(2)} \oplus 41V^{(4),(1,1)} \oplus 510V^{(3,1),\varnothing} \oplus 632V^{(3,1),(1)} \oplus 45V^{(3,1),(2)} \oplus 41V^{(3,1),(1,1)} \oplus 360V^{(2,2),\varnothing} \oplus 468V^{(2,2),(1)} \oplus 35V^{(2,2),(2)} \oplus 33V^{(2,2),(1,1)} \oplus 146V^{(5),\varnothing} \oplus 9V^{(5),(1)} \oplus 222V^{(4,1),\varnothing} \oplus 11V^{(4,1),(1)} \oplus 146V^{(3,2),\varnothing} \oplus 9V^{(3,2),(1)} \oplus V^{(5,1),\varnothing} \oplus V^{(4,2),\varnothing}$
$k = 7: \quad 196V^{\varnothing,(1)} \oplus 140V^{\varnothing,(2)} \oplus 140V^{\varnothing,(1,1)} \oplus 84V^{\varnothing,(3)} \oplus 84V^{\varnothing,(2,1)} \oplus 84V^{\varnothing,(1,1,1)} \oplus 42V^{\varnothing,(4)} \oplus 42V^{\varnothing,(3,1)} \oplus 42V^{\varnothing,(2,2)} \oplus 42V^{\varnothing,(2,1,1)} \oplus 28V^{\varnothing,(4,1)} \oplus 28V^{\varnothing,(3,2)} \oplus 28V^{\varnothing,(3,1,1)} \oplus 28V^{\varnothing,(2,2,1)} \oplus 14V^{\varnothing,(4,2)} \oplus 14V^{\varnothing,(4,1,1)} \oplus 14V^{\varnothing,(3,2,1)} \oplus 1225V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1360V^{(1),(3)} \oplus 1520V^{(1),(2,1)} \oplus 1200V^{(1),(1,1,1)} \oplus 550V^{(1),(4)} \oplus 750V^{(1),(3,1)} \oplus 650V^{(1),(2,2)} \oplus 650V^{(1),(2,1,1)} \oplus 256V^{(1),(4,1)} \oplus 256V^{(1),(3,2)} \oplus 256V^{(1),(3,1,1)} \oplus 204V^{(1),(2,2,1)} \oplus 3V^{(1),(4,2)} \oplus 3V^{(1),(4,1,1)} \oplus 3V^{(1),(3,2,1)} \oplus 700V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1616V^{(2),(2)} \oplus 1580V^{(2),(1,1)} \oplus 774V^{(2),(3)} \oplus 918V^{(2),(2,1)} \oplus 630V^{(2),(1,1,1)} \oplus 192V^{(2),(4)} \oplus 296V^{(2),(3,1)} \oplus 232V^{(2),(2,2)} \oplus 232V^{(2),(2,1,1)} \oplus 11V^{(2),(4,1)} \oplus 11V^{(2),(3,2)} \oplus 11V^{(2),(3,1,1)} \oplus 9V^{(2),(2,2,1)} \oplus 700V^{(1,1),\varnothing} \oplus 2580V^{(1,1),(1)} \oplus 1376V^{(1,1),(2)} \oplus 1352V^{(1,1),(1,1)} \oplus$

Table 37: Table for $\lambda = (5,2)$, $\mu = (4,1,1,1)$:

$k = 14: \quad 34V^{\varnothing,\varnothing}$
$k = 13: \quad 8132V^{\varnothing,\varnothing} \oplus 260V^{\varnothing,(1)} \oplus 420V^{(1),\varnothing}$
$k = 12: \quad 15332V^{\varnothing,\varnothing} \oplus 7880V^{\varnothing,(1)} \oplus 93V^{\varnothing,(2)} \oplus 93V^{\varnothing,(1,1)} \oplus 7984V^{(1),\varnothing} \oplus 1505V^{(1),(1)} \oplus 134V^{(2),\varnothing} \oplus 125V^{(1,1),\varnothing}$
$k = 11: \quad 15024V^{\varnothing,\varnothing} \oplus 13632V^{\varnothing,(1)} \oplus 2920V^{\varnothing,(2)} \oplus 2920V^{\varnothing,(1,1)} \oplus 30V^{\varnothing,(3)} \oplus 32V^{\varnothing,(2,1)} \oplus 30V^{\varnothing,(1,1,1)} \oplus 13632V^{(1),\varnothing} \oplus 12176V^{(1),(1)} \oplus 455V^{(1),(2)} \oplus 455V^{(1),(1,1)} \oplus 3184V^{(2),\varnothing} \oplus 479V^{(2),(1)} \oplus 2096V^{(1,1),\varnothing} \oplus 447V^{(1,1),(1)} \oplus 40V^{(3),\varnothing} \oplus 38V^{(2,1),\varnothing}$
$k = 10: \quad 11116V^{\varnothing,\varnothing} \oplus 11356V^{\varnothing,(1)} \oplus 4570V^{\varnothing,(2)} \oplus 4570V^{\varnothing,(1,1)} \oplus 1056V^{\varnothing,(3)} \oplus 1160V^{\varnothing,(2,1)} \oplus 1056V^{\varnothing,(1,1,1)} \oplus 8V^{\varnothing,(4)} \oplus 11V^{\varnothing,(3,1)} \oplus 11V^{\varnothing,(2,1,1)} \oplus 8V^{\varnothing,(1,1,1,1)} \oplus 12568V^{(1),\varnothing} \oplus 19922V^{(1),(1)} \oplus 4216V^{(1),(2)} \oplus 4216V^{(1),(1,1)} \oplus 121V^{(1),(3)} \oplus 125V^{(1),(2,1)} \oplus 121V^{(1),(1,1,1)} \oplus 4924V^{(2),\varnothing} \oplus 4600V^{(2),(1)} \oplus 293V^{(2),(2)} \oplus 293V^{(2),(1,1)} \oplus 3166V^{(1,1),\varnothing} \oplus 3648V^{(1,1),(1)} \oplus 267V^{(1,1),(2)} \oplus 267V^{(1,1),(1,1)} \oplus 1240V^{(3),\varnothing} \oplus 143V^{(3),(1)} \oplus 1136V^{(2,1),\varnothing} \oplus 137V^{(2,1),(1)} \oplus 12V^{(4),\varnothing} \oplus 12V^{(3,1),\varnothing} \oplus 9V^{(2,2),\varnothing}$
$k = 9: \quad 4840V^{\varnothing,\varnothing} \oplus 7136V^{\varnothing,(1)} \oplus 3120V^{\varnothing,(2)} \oplus 3120V^{\varnothing,(1,1)} \oplus 1352V^{\varnothing,(3)} \oplus 1452V^{\varnothing,(2,1)} \oplus 1352V^{\varnothing,(1,1,1)} \oplus 260V^{\varnothing,(4)} \oplus 464V^{\varnothing,(3,1)} \oplus 464V^{\varnothing,(2,1,1)} \oplus 260V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(4,1)} \oplus 4V^{\varnothing,(3,1,1)} \oplus 3V^{\varnothing,(2,1,1,1)} \oplus 8360V^{(1),\varnothing} \oplus 17684V^{(1),(1)} \oplus 6522V^{(1),(2)} \oplus 6522V^{(1),(1,1)} \oplus 1480V^{(1),(3)} \oplus 1560V^{(1),(2,1)} \oplus 1480V^{(1),(1,1,1)} \oplus 25V^{(1),(4)} \oplus 31V^{(1),(3,1)} \oplus 31V^{(1),(2,1,1)} \oplus 25V^{(1),(1,1,1,1)} \oplus 3680V^{(2),\varnothing} \oplus 6954V^{(2),(1)} \oplus 1676V^{(2),(2)} \oplus 1676V^{(2),(1,1)} \oplus 101V^{(2),(3)} \oplus 107V^{(2),(2,1)} \oplus 101V^{(2),(1,1,1)} \oplus 2480V^{(1,1),\varnothing} \oplus 5586V^{(1,1),(1)} \oplus 1308V^{(1,1),(2)} \oplus 1308V^{(1,1),(1,1)} \oplus 83V^{(1,1),(3)} \oplus 87V^{(1,1),(2,1)} \oplus 83V^{(1,1),(1,1,1)} \oplus 1560V^{(3),\varnothing} \oplus 1728V^{(3),(1)} \oplus 107V^{(3),(2)} \oplus 107V^{(3),(1,1)} \oplus 1460V^{(2,1),\varnothing} \oplus 1608V^{(2,1),(1)} \oplus 101V^{(2,1),(2)} \oplus 101V^{(2,1),(1,1)} \oplus 488V^{(4),\varnothing} \oplus 41V^{(4),(1)} \oplus 488V^{(3,1),\varnothing} \oplus 41V^{(3,1),(1)} \oplus 284V^{(2,2),\varnothing} \oplus 33V^{(2,2),(1)} \oplus 3V^{(5),\varnothing} \oplus 4V^{(4,1),\varnothing} \oplus 3V^{(3,2),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 2280V^{\varnothing,(1)} \oplus 1356V^{\varnothing,(2)} \oplus 1356V^{\varnothing,(1,1)} \oplus 688V^{\varnothing,(3)} \oplus 688V^{\varnothing,(2,1)} \oplus 688V^{\varnothing,(1,1,1)} \oplus 234V^{\varnothing,(4)} \oplus 384V^{\varnothing,(3,1)} \oplus 384V^{\varnothing,(2,1,1)} \oplus 234V^{\varnothing,(1,1,1,1)} \oplus 104V^{\varnothing,(4,1)} \oplus 180V^{\varnothing,(3,1,1)} \oplus 104V^{\varnothing,(2,1,1,1)} \oplus V^{\varnothing,(4,1,1)} \oplus V^{\varnothing,(3,1,1,1)} \oplus 3120V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 5136V^{(1),(2)} \oplus 5136V^{(1),(1,1)} \oplus 2094V^{(1),(3)} \oplus 2166V^{(1),(2,1)} \oplus 2094V^{(1),(1,1,1)} \oplus 448V^{(1),(4)} \oplus 592V^{(1),(3,1)} \oplus 592V^{(1),(2,1,1)} \oplus 448V^{(1),(1,1,1,1)} \oplus 7V^{(1),(4,1)} \oplus 9V^{(1),(3,1,1)} \oplus 7V^{(1),(2,1,1,1)} \oplus 1736V^{(2),\varnothing} \oplus 5280V^{(2),(1)} \oplus 2330V^{(2),(2)} \oplus 2330V^{(2),(1,1)} \oplus 588V^{(2),(3)} \oplus 636V^{(2),(2,1)} \oplus 588V^{(2),(1,1,1)} \oplus 27V^{(2),(4)} \oplus 35V^{(2),(3,1)} \oplus 35V^{(2),(2,1,1)} \oplus 27V^{(2),(1,1,1,1)} \oplus 1268V^{(1,1),\varnothing} \oplus 4496V^{(1,1),(1)} \oplus 1862V^{(1,1),(2)} \oplus 1862V^{(1,1),(1,1)} \oplus 452V^{(1,1),(3)} \oplus 484V^{(1,1),(2,1)} \oplus 452V^{(1,1),(1,1,1)} \oplus 18V^{(1,1),(4)} \oplus 23V^{(1,1),(3,1)} \oplus 23V^{(1,1),(2,1,1)} \oplus 18V^{(1,1),(1,1,1,1)} \oplus 840V^{(3),\varnothing} \oplus 2274V^{(3),(1)} \oplus 636V^{(3),(2)} \oplus 636V^{(3),(1,1)} \oplus 65V^{(3),(3)} \oplus 71V^{(3),(2,1)} \oplus 65V^{(3),(1,1,1)} \oplus 840V^{(2,1),\varnothing} \oplus 2166V^{(2,1),(1)} \oplus 588V^{(2,1),(2)} \oplus 588V^{(2,1),(1,1)} \oplus 61V^{(2,1),(3)} \oplus 65V^{(2,1),(2,1)} \oplus 61V^{(2,1),(1,1,1)} \oplus 420V^{(4),\varnothing} \oplus 632V^{(4),(1)} \oplus 35V^{(4),(2)} \oplus 35V^{(4),(1,1)} \oplus 420V^{(3,1),\varnothing} \oplus 632V^{(3,1),(1)} \oplus 35V^{(3,1),(2)} \oplus 35V^{(3,1),(1,1)} \oplus 270V^{(2,2),\varnothing} \oplus 468V^{(2,2),(1)} \oplus 27V^{(2,2),(2)} \oplus 27V^{(2,2),(1,1)} \oplus 116V^{(5),\varnothing} \oplus 9V^{(5),(1)} \oplus 192V^{(4,1),\varnothing} \oplus 11V^{(4,1),(1)} \oplus 116V^{(3,2),\varnothing} \oplus 9V^{(3,2),(1)} \oplus V^{(5,1),\varnothing} \oplus V^{(4,2),\varnothing}$
$k = 7: \quad 196V^{\varnothing,(1)} \oplus 140V^{\varnothing,(2)} \oplus 140V^{\varnothing,(1,1)} \oplus 84V^{\varnothing,(3)} \oplus 84V^{\varnothing,(2,1)} \oplus 84V^{\varnothing,(1,1,1)} \oplus 42V^{\varnothing,(4)} \oplus 42V^{\varnothing,(3,1)} \oplus 42V^{\varnothing,(2,1,1)} \oplus 42V^{\varnothing,(1,1,1,1)} \oplus 28V^{\varnothing,(4,1)} \oplus 28V^{\varnothing,(3,1,1)} \oplus 28V^{\varnothing,(2,1,1,1)} \oplus 14V^{\varnothing,(4,1,1)} \oplus 14V^{\varnothing,(3,1,1,1)} \oplus 400V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1360V^{(1),(3)} \oplus 1360V^{(1),(2,1)} \oplus 1360V^{(1),(1,1,1)} \oplus 550V^{(1),(4)} \oplus 650V^{(1),(3,1)} \oplus 650V^{(1),(2,1,1)} \oplus 550V^{(1),(1,1,1,1)} \oplus 204V^{(1),(4,1)} \oplus 256V^{(1),(3,1,1)} \oplus 204V^{(1),(2,1,1,1)} \oplus 3V^{(1),(4,1,1)} \oplus 3V^{(1),(3,1,1,1)} \oplus 280V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1580V^{(2),(2)} \oplus 1580V^{(2),(1,1)} \oplus 738V^{(2),(3)} \oplus 774V^{(2),(2,1)} \oplus 738V^{(2),(1,1,1)} \oplus 168V^{(2),(4)} \oplus 232V^{(2),(3,1)} \oplus 232V^{(2),(2,1,1)} \oplus 168V^{(2),(1,1,1,1)} \oplus 9V^{(2),(4,1)} \oplus 11V^{(2),(3,1,1)} \oplus 9V^{(2),(2,1,1,1)} \oplus 280V^{(1,1),\varnothing} \oplus 2580V^{(1,1),(1)} \oplus 1352V^{(1,1),(2)} \oplus 1352V^{(1,1),(1,1)} \oplus 606V^{(1,1),(3)} \oplus 630V^{(1,1),(2,1)} \oplus 606V^{(1,1),(1,1,1)} \oplus$

Table 38: Table for $\lambda = (5,2)$, $\mu = (3,3,1)$:

$k = 14: \quad 46V^{\varnothing,\varnothing}$
$k = 13: \quad 8230V^{\varnothing,\varnothing} \oplus 255V^{\varnothing,(1)} \oplus 543V^{(1),\varnothing}$
$k = 12: \quad 15432V^{\varnothing,\varnothing} \oplus 7680V^{\varnothing,(1)} \oplus 93V^{\varnothing,(2)} \oplus 93V^{\varnothing,(1,1)} \oplus 8180V^{(1),\varnothing} \oplus 1487V^{(1),(1)} \oplus 156V^{(2),\varnothing} \oplus 147V^{(1,1),\varnothing}$
$k = 11: \quad 15070V^{\varnothing,\varnothing} \oplus 13362V^{\varnothing,(1)} \oplus 2920V^{\varnothing,(2)} \oplus 2920V^{\varnothing,(1,1)} \oplus 29V^{\varnothing,(3)} \oplus 33V^{\varnothing,(2,1)} \oplus 24V^{\varnothing,(1,1,1)} \oplus 13818V^{(1),\varnothing} \oplus 11888V^{(1),(1)} \oplus 455V^{(1),(2)} \oplus 455V^{(1),(1,1)} \oplus 3226V^{(2),\varnothing} \oplus 461V^{(2),(1)} \oplus 2138V^{(1,1),\varnothing} \oplus 435V^{(1,1),(1)} \oplus 42V^{(3),\varnothing} \oplus 40V^{(2,1),\varnothing}$
$k = 10: \quad 11144V^{\varnothing,\varnothing} \oplus 11236V^{\varnothing,(1)} \oplus 4570V^{\varnothing,(2)} \oplus 4570V^{\varnothing,(1,1)} \oplus 752V^{\varnothing,(3)} \oplus 1464V^{\varnothing,(2,1)} \oplus 702V^{\varnothing,(1,1,1)} \oplus 11V^{\varnothing,(3,1)} \oplus 11V^{\varnothing,(2,2)} \oplus 9V^{\varnothing,(2,1,1)} \oplus 12754V^{(1),\varnothing} \oplus 19598V^{(1),(1)} \oplus 4216V^{(1),(2)} \oplus 4216V^{(1),(1,1)} \oplus 119V^{(1),(3)} \oplus 127V^{(1),(2,1)} \oplus 101V^{(1),(1,1,1)} \oplus 4974V^{(2),\varnothing} \oplus 4456V^{(2),(1)} \oplus 293V^{(2),(2)} \oplus 293V^{(2),(1,1)} \oplus 3216V^{(1,1),\varnothing} \oplus 3552V^{(1,1),(1)} \oplus 267V^{(1,1),(2)} \oplus 267V^{(1,1),(1,1)} \oplus 1250V^{(3),\varnothing} \oplus 131V^{(3),(1)} \oplus 1146V^{(2,1),\varnothing} \oplus 125V^{(2,1),(1)} \oplus 12V^{(4),\varnothing} \oplus 12V^{(3,1),\varnothing} \oplus 9V^{(2,2),\varnothing}$
$k = 9: \quad 4854V^{\varnothing,\varnothing} \oplus 7136V^{\varnothing,(1)} \oplus 3120V^{\varnothing,(2)} \oplus 3120V^{\varnothing,(1,1)} \oplus 902V^{\varnothing,(3)} \oplus 1902V^{\varnothing,(2,1)} \oplus 902V^{\varnothing,(1,1,1)} \oplus 464V^{\varnothing,(3,1)} \oplus 464V^{\varnothing,(2,2)} \oplus 412V^{\varnothing,(2,1,1)} \oplus 4V^{\varnothing,(3,2)} \oplus 3V^{\varnothing,(3,1,1)} \oplus 3V^{\varnothing,(2,2,1)} \oplus 8394V^{(1),\varnothing} \oplus 17576V^{(1),(1)} \oplus 6522V^{(1),(2)} \oplus 6522V^{(1),(1,1)} \oplus 1272V^{(1),(3)} \oplus 1768V^{(1),(2,1)} \oplus 1200V^{(1),(1,1,1)} \oplus 31V^{(1),(3,1)} \oplus 31V^{(1),(2,2)} \oplus 27V^{(1),(2,1,1)} \oplus 3736V^{(2),\varnothing} \oplus 6846V^{(2),(1)} \oplus 1676V^{(2),(2)} \oplus 1676V^{(2),(1,1)} \oplus 99V^{(2),(3)} \oplus 109V^{(2),(2,1)} \oplus 81V^{(2),(1,1,1)} \oplus 2536V^{(1,1),\varnothing} \oplus 5514V^{(1,1),(1)} \oplus 1308V^{(1,1),(2)} \oplus 1308V^{(1,1),(1,1)} \oplus 82V^{(1,1),(3)} \oplus 88V^{(1,1),(2,1)} \oplus 70V^{(1,1),(1,1,1)} \oplus 1578V^{(3),\varnothing} \oplus 1680V^{(3),(1)} \oplus 107V^{(3),(2)} \oplus 107V^{(3),(1,1)} \oplus 1478V^{(2,1),\varnothing} \oplus 1560V^{(2,1),(1)} \oplus 101V^{(2,1),(2)} \oplus 101V^{(2,1),(1,1)} \oplus 492V^{(4),\varnothing} \oplus 35V^{(4),(1)} \oplus 492V^{(3,1),\varnothing} \oplus 35V^{(3,1),(1)} \oplus 288V^{(2,2),\varnothing} \oplus 27V^{(2,2),(1)} \oplus 3V^{(5),\varnothing} \oplus 4V^{(4,1),\varnothing} \oplus 3V^{(3,2),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 2280V^{\varnothing,(1)} \oplus 1356V^{\varnothing,(2)} \oplus 1356V^{\varnothing,(1,1)} \oplus 428V^{\varnothing,(3)} \oplus 948V^{\varnothing,(2,1)} \oplus 428V^{\varnothing,(1,1,1)} \oplus 384V^{\varnothing,(3,1)} \oplus 384V^{\varnothing,(2,2)} \oplus 384V^{\varnothing,(2,1,1)} \oplus 180V^{\varnothing,(3,2)} \oplus 104V^{\varnothing,(3,1,1)} \oplus 104V^{\varnothing,(2,2,1)} \oplus V^{\varnothing,(3,3)} \oplus V^{\varnothing,(3,2,1)} \oplus 3456V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 5136V^{(1),(2)} \oplus 5136V^{(1),(1,1)} \oplus 1794V^{(1),(3)} \oplus 2466V^{(1),(2,1)} \oplus 1794V^{(1),(1,1,1)} \oplus 592V^{(1),(3,1)} \oplus 592V^{(1),(2,2)} \oplus 552V^{(1),(2,1,1)} \oplus 9V^{(1),(3,2)} \oplus 7V^{(1),(3,1,1)} \oplus 7V^{(1),(2,2,1)} \oplus 1776V^{(2),\varnothing} \oplus 5280V^{(2),(1)} \oplus 2330V^{(2),(2)} \oplus 2330V^{(2),(1,1)} \oplus 508V^{(2),(3)} \oplus 716V^{(2),(2,1)} \oplus 472V^{(2),(1,1,1)} \oplus 35V^{(2),(3,1)} \oplus 35V^{(2),(2,2)} \oplus 29V^{(2),(2,1,1)} \oplus 1308V^{(1,1),\varnothing} \oplus 4496V^{(1,1),(1)} \oplus 1862V^{(1,1),(2)} \oplus 1862V^{(1,1),(1,1)} \oplus 412V^{(1,1),(3)} \oplus 524V^{(1,1),(2,1)} \oplus 388V^{(1,1),(1,1,1)} \oplus 23V^{(1,1),(3,1)} \oplus 23V^{(1,1),(2,2)} \oplus 19V^{(1,1),(2,1,1)} \oplus 856V^{(3),\varnothing} \oplus 2274V^{(3),(1)} \oplus 636V^{(3),(2)} \oplus 636V^{(3),(1,1)} \oplus 63V^{(3),(3)} \oplus 73V^{(3),(2,1)} \oplus 51V^{(3),(1,1,1)} \oplus 856V^{(2,1),\varnothing} \oplus 2166V^{(2,1),(1)} \oplus 588V^{(2,1),(2)} \oplus 588V^{(2,1),(1,1)} \oplus 59V^{(2,1),(3)} \oplus 67V^{(2,1),(2,1)} \oplus 47V^{(2,1),(1,1,1)} \oplus 426V^{(4),\varnothing} \oplus 632V^{(4),(1)} \oplus 35V^{(4),(2)} \oplus 35V^{(4),(1,1)} \oplus 426V^{(3,1),\varnothing} \oplus 632V^{(3,1),(1)} \oplus 35V^{(3,1),(2)} \oplus 35V^{(3,1),(1,1)} \oplus 276V^{(2,2),\varnothing} \oplus 468V^{(2,2),(1)} \oplus 27V^{(2,2),(2)} \oplus 27V^{(2,2),(1,1)} \oplus 118V^{(5),\varnothing} \oplus 9V^{(5),(1)} \oplus 194V^{(4,1),\varnothing} \oplus 11V^{(4,1),(1)} \oplus 118V^{(3,2),\varnothing} \oplus 9V^{(3,2),(1)} \oplus V^{(5,1),\varnothing} \oplus V^{(4,2),\varnothing}$
$k = 7: \quad 196V^{\varnothing,(1)} \oplus 140V^{\varnothing,(2)} \oplus 140V^{\varnothing,(1,1)} \oplus 84V^{\varnothing,(3)} \oplus 84V^{\varnothing,(2,1)} \oplus 84V^{\varnothing,(1,1,1)} \oplus 42V^{\varnothing,(3,1)} \oplus 42V^{\varnothing,(2,2)} \oplus 42V^{\varnothing,(2,1,1)} \oplus 28V^{\varnothing,(3,2)} \oplus 28V^{\varnothing,(3,1,1)} \oplus 28V^{\varnothing,(2,2,1)} \oplus 14V^{\varnothing,(3,3)} \oplus 14V^{\varnothing,(3,2,1)} \oplus 441V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1200V^{(1),(3)} \oplus 1520V^{(1),(2,1)} \oplus 1200V^{(1),(1,1,1)} \oplus 650V^{(1),(3,1)} \oplus 650V^{(1),(2,2)} \oplus 650V^{(1),(2,1,1)} \oplus 256V^{(1),(3,2)} \oplus 204V^{(1),(3,1,1)} \oplus 204V^{(1),(2,2,1)} \oplus 3V^{(1),(3,3)} \oplus 3V^{(1),(3,2,1)} \oplus 336V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1580V^{(2),(2)} \oplus 1580V^{(2),(1,1)} \oplus 630V^{(2),(3)} \oplus 882V^{(2),(2,1)} \oplus 630V^{(2),(1,1,1)} \oplus 232V^{(2),(3,1)} \oplus 232V^{(2),(2,2)} \oplus 208V^{(2),(2,1,1)} \oplus 11V^{(2),(3,2)} \oplus 9V^{(2),(3,1,1)} \oplus 9V^{(2),(2,2,1)} \oplus 336V^{(1,1),\varnothing} \oplus 2580V^{(1,1),(1)} \oplus 1352V^{(1,1),(2)} \oplus 1352V^{(1,1),(1,1)} \oplus 552V^{(1,1),(3)} \oplus 684V^{(1,1),(2,1)} \oplus 552V^{(1,1),(1,1,1)} \oplus 176V^{(1,1),(3,1)} \oplus 176V^{(1,1),(2,2)} \oplus 160V^{(1,1),(2,1,1)} \oplus 7V^{(1,1),(3,2)} \oplus 6V^{(1,1),(3,1,1)} \oplus 6V^{(1,1),(2,2,1)} \oplus 168V^{(3),\varnothing} \oplus 1360V^{(3),(1)} \oplus 774V^{(3),(2)} \oplus 774V^{(3),(1,1)} \oplus 204V^{(3),(3)} \oplus 292V^{(3),(2,1)} \oplus 192V^{(3),(1,1,1)} \oplus 29V^{(3),(3,1)} \oplus$

Table 39: Table for $\lambda = (5,2)$, $\mu = (3,2,2)$:

$k = 14: \quad 46V^{\varnothing,\varnothing}$
$k = 13: \quad 8230V^{\varnothing,\varnothing} \oplus 255V^{\varnothing,(1)} \oplus 543V^{(1),\varnothing}$
$k = 12: \quad 15432V^{\varnothing,\varnothing} \oplus 7680V^{\varnothing,(1)} \oplus 93V^{\varnothing,(2)} \oplus 93V^{\varnothing,(1,1)} \oplus 8180V^{(1),\varnothing} \oplus 1487V^{(1),(1)} \oplus 156V^{(2),\varnothing} \oplus 147V^{(1,1),\varnothing}$
$k = 11: \quad 15070V^{\varnothing,\varnothing} \oplus 13362V^{\varnothing,(1)} \oplus 2920V^{\varnothing,(2)} \oplus 2920V^{\varnothing,(1,1)} \oplus 24V^{\varnothing,(3)} \oplus 33V^{\varnothing,(2,1)} \oplus 29V^{\varnothing,(1,1,1)} \oplus 13818V^{(1),\varnothing} \oplus 11888V^{(1),(1)} \oplus 455V^{(1),(2)} \oplus 455V^{(1),(1,1)} \oplus 3226V^{(2),\varnothing} \oplus 461V^{(2),(1)} \oplus 2138V^{(1,1),\varnothing} \oplus 435V^{(1,1),(1)} \oplus 42V^{(3),\varnothing} \oplus 40V^{(2,1),\varnothing}$
$k = 10: \quad 11144V^{\varnothing,\varnothing} \oplus 11236V^{\varnothing,(1)} \oplus 4570V^{\varnothing,(2)} \oplus 4570V^{\varnothing,(1,1)} \oplus 702V^{\varnothing,(3)} \oplus 1464V^{\varnothing,(2,1)} \oplus 752V^{\varnothing,(1,1,1)} \oplus 9V^{\varnothing,(3,1)} \oplus 11V^{\varnothing,(2,2)} \oplus 11V^{\varnothing,(2,1,1)} \oplus 12754V^{(1),\varnothing} \oplus 19598V^{(1),(1)} \oplus 4216V^{(1),(2)} \oplus 4216V^{(1),(1,1)} \oplus 101V^{(1),(3)} \oplus 127V^{(1),(2,1)} \oplus 119V^{(1),(1,1,1)} \oplus 4974V^{(2),\varnothing} \oplus 4456V^{(2),(1)} \oplus 293V^{(2),(2)} \oplus 293V^{(2),(1,1)} \oplus 3216V^{(1,1),\varnothing} \oplus 3552V^{(1,1),(1)} \oplus 267V^{(1,1),(2)} \oplus 267V^{(1,1),(1,1)} \oplus 1250V^{(3),\varnothing} \oplus 131V^{(3),(1)} \oplus 1146V^{(2,1),\varnothing} \oplus 125V^{(2,1),(1)} \oplus 12V^{(4),\varnothing} \oplus 12V^{(3,1),\varnothing} \oplus 9V^{(2,2),\varnothing}$
$k = 9: \quad 4854V^{\varnothing,\varnothing} \oplus 7136V^{\varnothing,(1)} \oplus 3120V^{\varnothing,(2)} \oplus 3120V^{\varnothing,(1,1)} \oplus 902V^{\varnothing,(3)} \oplus 1902V^{\varnothing,(2,1)} \oplus 902V^{\varnothing,(1,1,1)} \oplus 412V^{\varnothing,(3,1)} \oplus 464V^{\varnothing,(2,2)} \oplus 464V^{\varnothing,(2,1,1)} \oplus 3V^{\varnothing,(3,2)} \oplus 3V^{\varnothing,(3,1,1)} \oplus 4V^{\varnothing,(2,2,1)} \oplus 8394V^{(1),\varnothing} \oplus 17576V^{(1),(1)} \oplus 6522V^{(1),(2)} \oplus 6522V^{(1),(1,1)} \oplus 1200V^{(1),(3)} \oplus 1768V^{(1),(2,1)} \oplus 1272V^{(1),(1,1,1)} \oplus 27V^{(1),(3,1)} \oplus 31V^{(1),(2,2)} \oplus 31V^{(1),(2,1,1)} \oplus 3736V^{(2),\varnothing} \oplus 6846V^{(2),(1)} \oplus 1676V^{(2),(2)} \oplus 1676V^{(2),(1,1)} \oplus 81V^{(2),(3)} \oplus 109V^{(2),(2,1)} \oplus 99V^{(2),(1,1,1)} \oplus 2536V^{(1,1),\varnothing} \oplus 5514V^{(1,1),(1)} \oplus 1308V^{(1,1),(2)} \oplus 1308V^{(1,1),(1,1)} \oplus 70V^{(1,1),(3)} \oplus 88V^{(1,1),(2,1)} \oplus 82V^{(1,1),(1,1,1)} \oplus 1578V^{(3),\varnothing} \oplus 1680V^{(3),(1)} \oplus 107V^{(3),(2)} \oplus 107V^{(3),(1,1)} \oplus 1478V^{(2,1),\varnothing} \oplus 1560V^{(2,1),(1)} \oplus 101V^{(2,1),(2)} \oplus 101V^{(2,1),(1,1)} \oplus 492V^{(4),\varnothing} \oplus 35V^{(4),(1)} \oplus 492V^{(3,1),\varnothing} \oplus 35V^{(3,1),(1)} \oplus 288V^{(2,2),\varnothing} \oplus 27V^{(2,2),(1)} \oplus 3V^{(5),\varnothing} \oplus 4V^{(4,1),\varnothing} \oplus 3V^{(3,2),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 2280V^{\varnothing,(1)} \oplus 1356V^{\varnothing,(2)} \oplus 1356V^{\varnothing,(1,1)} \oplus 428V^{\varnothing,(3)} \oplus 948V^{\varnothing,(2,1)} \oplus 428V^{\varnothing,(1,1,1)} \oplus 384V^{\varnothing,(3,1)} \oplus 384V^{\varnothing,(2,2)} \oplus 384V^{\varnothing,(2,1,1)} \oplus 104V^{\varnothing,(3,2)} \oplus 104V^{\varnothing,(3,1,1)} \oplus 180V^{\varnothing,(2,2,1)} \oplus V^{\varnothing,(3,2,1)} \oplus V^{\varnothing,(2,2,2)} \oplus 3456V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 5136V^{(1),(2)} \oplus 5136V^{(1),(1,1)} \oplus 1794V^{(1),(3)} \oplus 2466V^{(1),(2,1)} \oplus 1794V^{(1),(1,1,1)} \oplus 552V^{(1),(3,1)} \oplus 592V^{(1),(2,2)} \oplus 592V^{(1),(2,1,1)} \oplus 7V^{(1),(3,2)} \oplus 7V^{(1),(3,1,1)} \oplus 9V^{(1),(2,2,1)} \oplus 1776V^{(2),\varnothing} \oplus 5280V^{(2),(1)} \oplus 2330V^{(2),(2)} \oplus 2330V^{(2),(1,1)} \oplus 472V^{(2),(3)} \oplus 716V^{(2),(2,1)} \oplus 508V^{(2),(1,1,1)} \oplus 29V^{(2),(3,1)} \oplus 35V^{(2),(2,2)} \oplus 35V^{(2),(2,1,1)} \oplus 1308V^{(1,1),\varnothing} \oplus 4496V^{(1,1),(1)} \oplus 1862V^{(1,1),(2)} \oplus 1862V^{(1,1),(1,1)} \oplus 388V^{(1,1),(3)} \oplus 524V^{(1,1),(2,1)} \oplus 412V^{(1,1),(1,1,1)} \oplus 19V^{(1,1),(3,1)} \oplus 23V^{(1,1),(2,2)} \oplus 23V^{(1,1),(2,1,1)} \oplus 856V^{(3),\varnothing} \oplus 2274V^{(3),(1)} \oplus 636V^{(3),(2)} \oplus 636V^{(3),(1,1)} \oplus 51V^{(3),(3)} \oplus 73V^{(3),(2,1)} \oplus 63V^{(3),(1,1,1)} \oplus 856V^{(2,1),\varnothing} \oplus 2166V^{(2,1),(1)} \oplus 588V^{(2,1),(2)} \oplus 588V^{(2,1),(1,1)} \oplus 47V^{(2,1),(3)} \oplus 67V^{(2,1),(2,1)} \oplus 59V^{(2,1),(1,1,1)} \oplus 426V^{(4),\varnothing} \oplus 632V^{(4),(1)} \oplus 35V^{(4),(2)} \oplus 35V^{(4),(1,1)} \oplus 426V^{(3,1),\varnothing} \oplus 632V^{(3,1),(1)} \oplus 35V^{(3,1),(2)} \oplus 35V^{(3,1),(1,1)} \oplus 276V^{(2,2),\varnothing} \oplus 468V^{(2,2),(1)} \oplus 27V^{(2,2),(2)} \oplus 27V^{(2,2),(1,1)} \oplus 118V^{(5),\varnothing} \oplus 9V^{(5),(1)} \oplus 194V^{(4,1),\varnothing} \oplus 11V^{(4,1),(1)} \oplus 118V^{(3,2),\varnothing} \oplus 9V^{(3,2),(1)} \oplus V^{(5,1),\varnothing} \oplus V^{(4,2),\varnothing}$
$k = 7: \quad 196V^{\varnothing,(1)} \oplus 140V^{\varnothing,(2)} \oplus 140V^{\varnothing,(1,1)} \oplus 84V^{\varnothing,(3)} \oplus 84V^{\varnothing,(2,1)} \oplus 84V^{\varnothing,(1,1,1)} \oplus 42V^{\varnothing,(3,1)} \oplus 42V^{\varnothing,(2,2)} \oplus 42V^{\varnothing,(2,1,1)} \oplus 28V^{\varnothing,(3,2)} \oplus 28V^{\varnothing,(3,1,1)} \oplus 28V^{\varnothing,(2,2,1)} \oplus 14V^{\varnothing,(3,2,1)} \oplus 14V^{\varnothing,(2,2,2)} \oplus 441V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1200V^{(1),(3)} \oplus 1520V^{(1),(2,1)} \oplus 1200V^{(1),(1,1,1)} \oplus 650V^{(1),(3,1)} \oplus 650V^{(1),(2,2)} \oplus 650V^{(1),(2,1,1)} \oplus 204V^{(1),(3,2)} \oplus 204V^{(1),(3,1,1)} \oplus 256V^{(1),(2,2,1)} \oplus 3V^{(1),(3,2,1)} \oplus 3V^{(1),(2,2,2)} \oplus 336V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1580V^{(2),(2)} \oplus 1580V^{(2),(1,1)} \oplus 630V^{(2),(3)} \oplus 882V^{(2),(2,1)} \oplus 630V^{(2),(1,1,1)} \oplus 208V^{(2),(3,1)} \oplus 232V^{(2),(2,2)} \oplus 232V^{(2),(2,1,1)} \oplus 9V^{(2),(3,2)} \oplus 9V^{(2),(3,1,1)} \oplus 11V^{(2),(2,2,1)} \oplus 336V^{(1,1),\varnothing} \oplus 2580V^{(1,1),(1)} \oplus 1352V^{(1,1),(2)} \oplus 1352V^{(1,1),(1,1)} \oplus 552V^{(1,1),(3)} \oplus 684V^{(1,1),(2,1)} \oplus 552V^{(1,1),(1,1,1)} \oplus 160V^{(1,1),(3,1)} \oplus 176V^{(1,1),(2,2)} \oplus 176V^{(1,1),(2,1,1)} \oplus 6V^{(1,1),(3,2)} \oplus 6V^{(1,1),(3,1,1)} \oplus 7V^{(1,1),(2,2,1)} \oplus 168V^{(3),\varnothing} \oplus 1360V^{(3),(1)} \oplus 774V^{(3),(2)} \oplus 774V^{(3),(1,1)} \oplus 192V^{(3),(3)} \oplus 292V^{(3),(2,1)} \oplus 204V^{(3),(1,1,1)} \oplus 23V^{(3),(3,1)} \oplus$

Table 40: Table for $\lambda = (5,2)$, $\mu = (3,2,1,1)$:

$k = 14: \quad 46V^{\varnothing,\varnothing}$
$k = 13: \quad 8426V^{\varnothing,\varnothing} \oplus 316V^{\varnothing,(1)} \oplus 734V^{(1),\varnothing}$
$k = 12: \quad 15824V^{\varnothing,\varnothing} \oplus 8076V^{\varnothing,(1)} \oplus 112V^{\varnothing,(2)} \oplus 114V^{\varnothing,(1,1)} \oplus 9332V^{(1),\varnothing} \oplus 1817V^{(1),(1)} \oplus 174V^{(2),\varnothing} \oplus 165V^{(1,1),\varnothing}$
$k = 11: \quad 15462V^{\varnothing,\varnothing} \oplus 13716V^{\varnothing,(1)} \oplus 3076V^{\varnothing,(2)} \oplus 3284V^{\varnothing,(1,1)} \oplus 29V^{\varnothing,(3)} \oplus 40V^{\varnothing,(2,1)} \oplus 37V^{\varnothing,(1,1,1)} \oplus 15936V^{(1),\varnothing} \oplus 12704V^{(1),(1)} \oplus 545V^{(1),(2)} \oplus 549V^{(1),(1,1)} \oplus 3598V^{(2),\varnothing} \oplus 647V^{(2),(1)} \oplus 2510V^{(1,1),\varnothing} \oplus 615V^{(1,1),(1)} \oplus 43V^{(3),\varnothing} \oplus 41V^{(2,1),\varnothing}$
$k = 10: \quad 11536V^{\varnothing,\varnothing} \oplus 11356V^{\varnothing,(1)} \oplus 4660V^{\varnothing,(2)} \oplus 4960V^{\varnothing,(1,1)} \oplus 752V^{\varnothing,(3)} \oplus 1618V^{\varnothing,(2,1)} \oplus 1210V^{\varnothing,(1,1,1)} \oplus 11V^{\varnothing,(3,1)} \oplus 11V^{\varnothing,(2,2)} \oplus 14V^{\varnothing,(2,1,1)} \oplus 10V^{\varnothing,(1,1,1,1)} \oplus 15358V^{(1),\varnothing} \oplus 20066V^{(1),(1)} \oplus 4504V^{(1),(2)} \oplus 4664V^{(1),(1,1)} \oplus 119V^{(1),(3)} \oplus 149V^{(1),(2,1)} \oplus 143V^{(1),(1,1,1)} \oplus 5674V^{(2),\varnothing} \oplus 4696V^{(2),(1)} \oplus 359V^{(2),(2)} \oplus 365V^{(2),(1,1)} \oplus 3916V^{(1,1),\varnothing} \oplus 3744V^{(1,1),(1)} \oplus 327V^{(1,1),(2)} \oplus 331V^{(1,1),(1,1)} \oplus 1390V^{(3),\varnothing} \oplus 167V^{(3),(1)} \oplus 1286V^{(2,1),\varnothing} \oplus 161V^{(2,1),(1)} \oplus 12V^{(4),\varnothing} \oplus 12V^{(3,1),\varnothing} \oplus 9V^{(2,2),\varnothing}$
$k = 9: \quad 5050V^{\varnothing,\varnothing} \oplus 7136V^{\varnothing,(1)} \oplus 3120V^{\varnothing,(2)} \oplus 3280V^{\varnothing,(1,1)} \oplus 902V^{\varnothing,(3)} \oplus 2002V^{\varnothing,(2,1)} \oplus 1452V^{\varnothing,(1,1,1)} \oplus 464V^{\varnothing,(3,1)} \oplus 464V^{\varnothing,(2,2)} \oplus 668V^{\varnothing,(2,1,1)} \oplus 312V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(3,2)} \oplus 4V^{\varnothing,(3,1,1)} \oplus 4V^{\varnothing,(2,2,1)} \oplus 4V^{\varnothing,(2,1,1,1)} \oplus 11425V^{(1),\varnothing} \oplus 17684V^{(1),(1)} \oplus 6630V^{(1),(2)} \oplus 6846V^{(1),(1,1)} \oplus 1272V^{(1),(3)} \oplus 1920V^{(1),(2,1)} \oplus 1632V^{(1),(1,1,1)} \oplus 31V^{(1),(3,1)} \oplus 31V^{(1),(2,2)} \oplus 37V^{(1),(2,1,1)} \oplus 29V^{(1),(1,1,1,1)} \oplus 4520V^{(2),\varnothing} \oplus 6954V^{(2),(1)} \oplus 1796V^{(2),(2)} \oplus 1892V^{(2),(1,1)} \oplus 99V^{(2),(3)} \oplus 133V^{(2),(2,1)} \oplus 125V^{(2),(1,1,1)} \oplus 3320V^{(1,1),\varnothing} \oplus 5586V^{(1,1),(1)} \oplus 1404V^{(1,1),(2)} \oplus 1468V^{(1,1),(1,1)} \oplus 82V^{(1,1),(3)} \oplus 104V^{(1,1),(2,1)} \oplus 99V^{(1,1),(1,1,1)} \oplus 1830V^{(3),\varnothing} \oplus 1728V^{(3),(1)} \oplus 143V^{(3),(2)} \oplus 149V^{(3),(1,1)} \oplus 1730V^{(2,1),\varnothing} \oplus 1608V^{(2,1),(1)} \oplus 137V^{(2,1),(2)} \oplus 141V^{(2,1),(1,1)} \oplus 548V^{(4),\varnothing} \oplus 41V^{(4),(1)} \oplus 548V^{(3,1),\varnothing} \oplus 41V^{(3,1),(1)} \oplus 344V^{(2,2),\varnothing} \oplus 33V^{(2,2),(1)} \oplus 3V^{(5),\varnothing} \oplus 4V^{(4,1),\varnothing} \oplus 3V^{(3,2),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 2280V^{\varnothing,(1)} \oplus 1356V^{\varnothing,(2)} \oplus 1356V^{\varnothing,(1,1)} \oplus 428V^{\varnothing,(3)} \oplus 948V^{\varnothing,(2,1)} \oplus 688V^{\varnothing,(1,1,1)} \oplus 384V^{\varnothing,(3,1)} \oplus 384V^{\varnothing,(2,2)} \oplus 534V^{\varnothing,(2,1,1)} \oplus 234V^{\varnothing,(1,1,1,1)} \oplus 104V^{\varnothing,(3,2)} \oplus 180V^{\varnothing,(3,1,1)} \oplus 180V^{\varnothing,(2,2,1)} \oplus 180V^{\varnothing,(2,1,1,1)} \oplus V^{\varnothing,(3,2,1)} \oplus V^{\varnothing,(3,1,1,1)} \oplus V^{\varnothing,(2,2,1,1)} \oplus 5640V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 5136V^{(1),(2)} \oplus 5232V^{(1),(1,1)} \oplus 1794V^{(1),(3)} \oplus 2538V^{(1),(2,1)} \oplus 2166V^{(1),(1,1,1)} \oplus 592V^{(1),(3,1)} \oplus 592V^{(1),(2,2)} \oplus 736V^{(1),(2,1,1)} \oplus 488V^{(1),(1,1,1,1)} \oplus 7V^{(1),(3,2)} \oplus 9V^{(1),(3,1,1)} \oplus 9V^{(1),(2,2,1)} \oplus 9V^{(1),(2,1,1,1)} \oplus 2511V^{(2),\varnothing} \oplus 5280V^{(2),(1)} \oplus 2366V^{(2),(2)} \oplus 2474V^{(2),(1,1)} \oplus 508V^{(2),(3)} \oplus 800V^{(2),(2,1)} \oplus 672V^{(2),(1,1,1)} \oplus 35V^{(2),(3,1)} \oplus 35V^{(2),(2,2)} \oplus 43V^{(2),(2,1,1)} \oplus 33V^{(2),(1,1,1,1)} \oplus 2043V^{(1,1),\varnothing} \oplus 4496V^{(1,1),(1)} \oplus 1886V^{(1,1),(2)} \oplus 1958V^{(1,1),(1,1)} \oplus 412V^{(1,1),(3)} \oplus 580V^{(1,1),(2,1)} \oplus 508V^{(1,1),(1,1,1)} \oplus 23V^{(1,1),(3,1)} \oplus 23V^{(1,1),(2,2)} \oplus 28V^{(1,1),(2,1,1)} \oplus 22V^{(1,1),(1,1,1,1)} \oplus 1080V^{(3),\varnothing} \oplus 2274V^{(3),(1)} \oplus 660V^{(3),(2)} \oplus 708V^{(3),(1,1)} \oplus 63V^{(3),(3)} \oplus 91V^{(3),(2,1)} \oplus 83V^{(3),(1,1,1)} \oplus 1080V^{(2,1),\varnothing} \oplus 2166V^{(2,1),(1)} \oplus 612V^{(2,1),(2)} \oplus 644V^{(2,1),(1,1)} \oplus 59V^{(2,1),(3)} \oplus 83V^{(2,1),(2,1)} \oplus 77V^{(2,1),(1,1,1)} \oplus 510V^{(4),\varnothing} \oplus 632V^{(4),(1)} \oplus 41V^{(4),(2)} \oplus 45V^{(4),(1,1)} \oplus 510V^{(3,1),\varnothing} \oplus 632V^{(3,1),(1)} \oplus 41V^{(3,1),(2)} \oplus 45V^{(3,1),(1,1)} \oplus 360V^{(2,2),\varnothing} \oplus 468V^{(2,2),(1)} \oplus 33V^{(2,2),(2)} \oplus 35V^{(2,2),(1,1)} \oplus 146V^{(5),\varnothing} \oplus 9V^{(5),(1)} \oplus 222V^{(4,1),\varnothing} \oplus 11V^{(4,1),(1)} \oplus 146V^{(3,2),\varnothing} \oplus 9V^{(3,2),(1)} \oplus V^{(5,1),\varnothing} \oplus V^{(4,2),\varnothing}$
$k = 7: \quad 196V^{\varnothing,(1)} \oplus 140V^{\varnothing,(2)} \oplus 140V^{\varnothing,(1,1)} \oplus 84V^{\varnothing,(3)} \oplus 84V^{\varnothing,(2,1)} \oplus 84V^{\varnothing,(1,1,1)} \oplus 42V^{\varnothing,(3,1)} \oplus 42V^{\varnothing,(2,2)} \oplus 42V^{\varnothing,(2,1,1)} \oplus 42V^{\varnothing,(1,1,1,1)} \oplus 28V^{\varnothing,(3,2)} \oplus 28V^{\varnothing,(3,1,1)} \oplus 28V^{\varnothing,(2,2,1)} \oplus 28V^{\varnothing,(2,1,1,1)} \oplus 14V^{\varnothing,(3,2,1)} \oplus 14V^{\varnothing,(3,1,1,1)} \oplus 14V^{\varnothing,(2,2,1,1)} \oplus 1225V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1200V^{(1),(3)} \oplus 1520V^{(1),(2,1)} \oplus 1360V^{(1),(1,1,1)} \oplus 650V^{(1),(3,1)} \oplus 650V^{(1),(2,2)} \oplus 750V^{(1),(2,1,1)} \oplus 550V^{(1),(1,1,1,1)} \oplus 204V^{(1),(3,2)} \oplus 256V^{(1),(3,1,1)} \oplus 256V^{(1),(2,2,1)} \oplus 256V^{(1),(2,1,1,1)} \oplus 3V^{(1),(3,2,1)} \oplus 3V^{(1),(3,1,1,1)} \oplus 3V^{(1),(2,2,1,1)} \oplus 700V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1580V^{(2),(2)} \oplus 1616V^{(2),(1,1)} \oplus 630V^{(2),(3)} \oplus 918V^{(2),(2,1)} \oplus 774V^{(2),(1,1,1)} \oplus 232V^{(2),(3,1)} \oplus 232V^{(2),(2,2)} \oplus 296V^{(2),(2,1,1)} \oplus 192V^{(2),(1,1,1,1)} \oplus 9V^{(2),(3,2)} \oplus 11V^{(2),(3,1,1)} \oplus 11V^{(2),(2,2,1)} \oplus 11V^{(2),(2,1,1,1)} \oplus 700V^{(1,1),\varnothing} \oplus$

Table 41: Table for $\lambda = (5,2)$, $\mu = (3,1,1,1,1)$:

$k = 14: \quad 17V^{\varnothing,\varnothing}$
$k = 13: \quad 7982V^{\varnothing,\varnothing} \oplus 255V^{\varnothing,(1)} \oplus 312V^{(1),\varnothing}$
$k = 12: \quad 15142V^{\varnothing,\varnothing} \oplus 7680V^{\varnothing,(1)} \oplus 86V^{\varnothing,(2)} \oplus 93V^{\varnothing,(1,1)} \oplus 7520V^{(1),\varnothing} \oplus 1487V^{(1),(1)} \oplus 117V^{(2),\varnothing} \oplus 108V^{(1,1),\varnothing}$
$k = 11: \quad 14878V^{\varnothing,\varnothing} \oplus 13362V^{\varnothing,(1)} \oplus 2612V^{\varnothing,(2)} \oplus 2920V^{\varnothing,(1,1)} \oplus 22V^{\varnothing,(3)} \oplus 30V^{\varnothing,(2,1)} \oplus 32V^{\varnothing,(1,1,1)} \oplus 12864V^{(1),\varnothing} \oplus 11888V^{(1),(1)} \oplus 433V^{(1),(2)} \oplus 455V^{(1),(1,1)} \oplus 3046V^{(2),\varnothing} \oplus 461V^{(2),(1)} \oplus 1958V^{(1,1),\varnothing} \oplus 435V^{(1,1),(1)} \oplus 39V^{(3),\varnothing} \oplus 37V^{(2,1),\varnothing}$
$k = 10: \quad 10766V^{\varnothing,\varnothing} \oplus 11236V^{\varnothing,(1)} \oplus 4180V^{\varnothing,(2)} \oplus 4570V^{\varnothing,(1,1)} \oplus 598V^{\varnothing,(3)} \oplus 1056V^{\varnothing,(2,1)} \oplus 1160V^{\varnothing,(1,1,1)} \oplus 8V^{\varnothing,(3,1)} \oplus 11V^{\varnothing,(2,1,1)} \oplus 11V^{\varnothing,(1,1,1,1)} \oplus 11638V^{(1),\varnothing} \oplus 19598V^{(1),(1)} \oplus 3912V^{(1),(2)} \oplus 4216V^{(1),(1,1)} \oplus 97V^{(1),(3)} \oplus 121V^{(1),(2,1)} \oplus 125V^{(1),(1,1,1)} \oplus 4674V^{(2),\varnothing} \oplus 4456V^{(2),(1)} \oplus 269V^{(2),(2)} \oplus 293V^{(2),(1,1)} \oplus 2916V^{(1,1),\varnothing} \oplus 3552V^{(1,1),(1)} \oplus 251V^{(1,1),(2)} \oplus 267V^{(1,1),(1,1)} \oplus 1190V^{(3),\varnothing} \oplus 131V^{(3),(1)} \oplus 1086V^{(2,1),\varnothing} \oplus 125V^{(2,1),(1)} \oplus 12V^{(4),\varnothing} \oplus 12V^{(3,1),\varnothing} \oplus 9V^{(2,2),\varnothing}$
$k = 9: \quad 4560V^{\varnothing,\varnothing} \oplus 7136V^{\varnothing,(1)} \oplus 2960V^{\varnothing,(2)} \oplus 3120V^{\varnothing,(1,1)} \oplus 802V^{\varnothing,(3)} \oplus 1352V^{\varnothing,(2,1)} \oplus 1452V^{\varnothing,(1,1,1)} \oplus 260V^{\varnothing,(3,1)} \oplus 464V^{\varnothing,(2,1,1)} \oplus 464V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(3,1,1)} \oplus 4V^{\varnothing,(2,1,1,1)} \oplus 3V^{\varnothing,(1,1,1,1,1)} \oplus 7185V^{(1),\varnothing} \oplus 17576V^{(1),(1)} \oplus 6198V^{(1),(2)} \oplus 6522V^{(1),(1,1)} \oplus 1120V^{(1),(3)} \oplus 1480V^{(1),(2,1)} \oplus 1560V^{(1),(1,1,1)} \oplus 25V^{(1),(3,1)} \oplus 31V^{(1),(2,1,1)} \oplus 31V^{(1),(1,1,1,1)} \oplus 3400V^{(2),\varnothing} \oplus 6846V^{(2),(1)} \oplus 1508V^{(2),(2)} \oplus 1676V^{(2),(1,1)} \oplus 75V^{(2),(3)} \oplus 101V^{(2),(2,1)} \oplus 107V^{(2),(1,1,1)} \oplus 2200V^{(1,1),\varnothing} \oplus 5514V^{(1,1),(1)} \oplus 1196V^{(1,1),(2)} \oplus 1308V^{(1,1),(1,1)} \oplus 66V^{(1,1),(3)} \oplus 83V^{(1,1),(2,1)} \oplus 87V^{(1,1),(1,1,1)} \oplus 1470V^{(3),\varnothing} \oplus 1680V^{(3),(1)} \oplus 89V^{(3),(2)} \oplus 107V^{(3),(1,1)} \oplus 1370V^{(2,1),\varnothing} \oplus 1560V^{(2,1),(1)} \oplus 85V^{(2,1),(2)} \oplus 101V^{(2,1),(1,1)} \oplus 468V^{(4),\varnothing} \oplus 35V^{(4),(1)} \oplus 468V^{(3,1),\varnothing} \oplus 35V^{(3,1),(1)} \oplus 264V^{(2,2),\varnothing} \oplus 27V^{(2,2),(1)} \oplus 3V^{(5),\varnothing} \oplus 4V^{(4,1),\varnothing} \oplus 3V^{(3,2),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 2280V^{\varnothing,(1)} \oplus 1356V^{\varnothing,(2)} \oplus 1356V^{\varnothing,(1,1)} \oplus 428V^{\varnothing,(3)} \oplus 688V^{\varnothing,(2,1)} \oplus 688V^{\varnothing,(1,1,1)} \oplus 234V^{\varnothing,(3,1)} \oplus 384V^{\varnothing,(2,1,1)} \oplus 384V^{\varnothing,(1,1,1,1)} \oplus 104V^{\varnothing,(3,1,1)} \oplus 180V^{\varnothing,(2,1,1,1)} \oplus 104V^{\varnothing,(1,1,1,1,1)} \oplus V^{\varnothing,(3,1,1,1)} \oplus V^{\varnothing,(2,1,1,1,1)} \oplus 2430V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 5040V^{(1),(2)} \oplus 5136V^{(1),(1,1)} \oplus 1722V^{(1),(3)} \oplus 2094V^{(1),(2,1)} \oplus 2166V^{(1),(1,1,1)} \oplus 448V^{(1),(3,1)} \oplus 592V^{(1),(2,1,1)} \oplus 592V^{(1),(1,1,1,1)} \oplus 7V^{(1),(3,1,1)} \oplus 9V^{(1),(2,1,1,1)} \oplus 7V^{(1),(1,1,1,1,1)} \oplus 1461V^{(2),\varnothing} \oplus 5280V^{(2),(1)} \oplus 2186V^{(2),(2)} \oplus 2330V^{(2),(1,1)} \oplus 424V^{(2),(3)} \oplus 588V^{(2),(2,1)} \oplus 636V^{(2),(1,1,1)} \oplus 27V^{(2),(3,1)} \oplus 35V^{(2),(2,1,1)} \oplus 35V^{(2),(1,1,1,1)} \oplus 993V^{(1,1),\varnothing} \oplus 4496V^{(1,1),(1)} \oplus 1766V^{(1,1),(2)} \oplus 1862V^{(1,1),(1,1)} \oplus 356V^{(1,1),(3)} \oplus 452V^{(1,1),(2,1)} \oplus 484V^{(1,1),(1,1,1)} \oplus 18V^{(1,1),(3,1)} \oplus 23V^{(1,1),(2,1,1)} \oplus 23V^{(1,1),(1,1,1,1)} \oplus 760V^{(3),\varnothing} \oplus 2274V^{(3),(1)} \oplus 564V^{(3),(2)} \oplus 636V^{(3),(1,1)} \oplus 45V^{(3),(3)} \oplus 65V^{(3),(2,1)} \oplus 71V^{(3),(1,1,1)} \oplus 760V^{(2,1),\varnothing} \oplus 2166V^{(2,1),(1)} \oplus 532V^{(2,1),(2)} \oplus 588V^{(2,1),(1,1)} \oplus 43V^{(2,1),(3)} \oplus 61V^{(2,1),(2,1)} \oplus 65V^{(2,1),(1,1,1)} \oplus 390V^{(4),\varnothing} \oplus 632V^{(4),(1)} \oplus 25V^{(4),(2)} \oplus 35V^{(4),(1,1)} \oplus 390V^{(3,1),\varnothing} \oplus 632V^{(3,1),(1)} \oplus 25V^{(3,1),(2)} \oplus 35V^{(3,1),(1,1)} \oplus 240V^{(2,2),\varnothing} \oplus 468V^{(2,2),(1)} \oplus 19V^{(2,2),(2)} \oplus 27V^{(2,2),(1,1)} \oplus 106V^{(5),\varnothing} \oplus 9V^{(5),(1)} \oplus 182V^{(4,1),\varnothing} \oplus 11V^{(4,1),(1)} \oplus 106V^{(3,2),\varnothing} \oplus 9V^{(3,2),(1)} \oplus V^{(5,1),\varnothing} \oplus V^{(4,2),\varnothing}$
$k = 7: \quad 196V^{\varnothing,(1)} \oplus 140V^{\varnothing,(2)} \oplus 140V^{\varnothing,(1,1)} \oplus 84V^{\varnothing,(3)} \oplus 84V^{\varnothing,(2,1)} \oplus 84V^{\varnothing,(1,1,1)} \oplus 42V^{\varnothing,(3,1)} \oplus 42V^{\varnothing,(2,1,1)} \oplus 42V^{\varnothing,(1,1,1,1)} \oplus 28V^{\varnothing,(3,1,1)} \oplus 28V^{\varnothing,(2,1,1,1)} \oplus 28V^{\varnothing,(1,1,1,1,1)} \oplus 14V^{\varnothing,(3,1,1,1)} \oplus 14V^{\varnothing,(2,1,1,1,1)} \oplus 225V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1200V^{(1),(3)} \oplus 1360V^{(1),(2,1)} \oplus 1360V^{(1),(1,1,1)} \oplus 550V^{(1),(3,1)} \oplus 650V^{(1),(2,1,1)} \oplus 650V^{(1),(1,1,1,1)} \oplus 204V^{(1),(3,1,1)} \oplus 256V^{(1),(2,1,1,1)} \oplus 204V^{(1),(1,1,1,1,1)} \oplus 3V^{(1),(3,1,1,1)} \oplus 3V^{(1),(2,1,1,1,1)} \oplus 165V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1544V^{(2),(2)} \oplus 1580V^{(2),(1,1)} \oplus 594V^{(2),(3)} \oplus 738V^{(2),(2,1)} \oplus 774V^{(2),(1,1,1)} \oplus 168V^{(2),(3,1)} \oplus 232V^{(2),(2,1,1)} \oplus 232V^{(2),(1,1,1,1)} \oplus 9V^{(2),(3,1,1)} \oplus 11V^{(2),(2,1,1,1)} \oplus 9V^{(2),(1,1,1,1,1)} \oplus 165V^{(1,1),\varnothing} \oplus 2580V^{(1,1),(1)} \oplus 1328V^{(1,1),(2)} \oplus 1352V^{(1,1),(1,1)} \oplus 528V^{(1,1),(3)} \oplus 606V^{(1,1),(2,1)} \oplus 630V^{(1,1),(1,1,1)} \oplus 140V^{(1,1),(3,1)} \oplus 176V^{(1,1),(2,1,1)} \oplus 176V^{(1,1),(1,1,1,1)} \oplus 6V^{(1,1),(3,1,1)} \oplus 7V^{(1,1),(2,1,1,1)} \oplus 6V^{(1,1),(1,1,1,1,1)} \oplus 105V^{(3),\varnothing} \oplus 1360V^{(3),(1)} \oplus 738V^{(3),(2)} \oplus 774V^{(3),(1,1)} \oplus 168V^{(3),(3)} \oplus$

Table 42: Table for $\lambda = (5,2)$, $\mu = (2,2,2,1)$:

$k = 14: \quad 11V^{\varnothing,\varnothing}$
$k = 13: \quad 7788V^{\varnothing,\varnothing} \oplus 239V^{\varnothing,(1)} \oplus 251V^{(1),\varnothing}$
$k = 12: \quad 14862V^{\varnothing,\varnothing} \oplus 7048V^{\varnothing,(1)} \oplus 85V^{\varnothing,(2)} \oplus 88V^{\varnothing,(1,1)} \oplus 7156V^{(1),\varnothing} \oplus 1411V^{(1),(1)} \oplus 92V^{(2),\varnothing} \oplus 84V^{(1,1),\varnothing}$
$k = 11: \quad 14528V^{\varnothing,\varnothing} \oplus 12378V^{\varnothing,(1)} \oplus 1852V^{\varnothing,(2)} \oplus 2820V^{\varnothing,(1,1)} \oplus 30V^{\varnothing,(2,1)} \oplus 30V^{\varnothing,(1,1,1)} \oplus 12462V^{(1),\varnothing} \oplus 11200V^{(1),(1)} \oplus 431V^{(1),(2)} \oplus 437V^{(1),(1,1)} \oplus 2920V^{(2),\varnothing} \oplus 407V^{(2),(1)} \oplus 1852V^{(1,1),\varnothing} \oplus 383V^{(1,1),(1)} \oplus 32V^{(3),\varnothing} \oplus 30V^{(2,1),\varnothing}$
$k = 10: \quad 10728V^{\varnothing,\varnothing} \oplus 10596V^{\varnothing,(1)} \oplus 2830V^{\varnothing,(2)} \oplus 4480V^{\varnothing,(1,1)} \oplus 1056V^{\varnothing,(2,1)} \oplus 1056V^{\varnothing,(1,1,1)} \oplus 10V^{\varnothing,(2,2)} \oplus 11V^{\varnothing,(2,1,1)} \oplus 8V^{\varnothing,(1,1,1,1)} \oplus 10596V^{(1),\varnothing} \oplus 18806V^{(1),(1)} \oplus 3392V^{(1),(2)} \oplus 4072V^{(1),(1,1)} \oplus 121V^{(1),(2,1)} \oplus 121V^{(1),(1,1,1)} \oplus 4570V^{(2),\varnothing} \oplus 4120V^{(2),(1)} \oplus 267V^{(2),(2)} \oplus 275V^{(2),(1,1)} \oplus 2830V^{(1,1),\varnothing} \oplus 3296V^{(1,1),(1)} \oplus 250V^{(1,1),(2)} \oplus 255V^{(1,1),(1,1)} \oplus 1160V^{(3),\varnothing} \oplus 101V^{(3),(1)} \oplus 1056V^{(2,1),\varnothing} \oplus 97V^{(2,1),(1)} \oplus 11V^{(4),\varnothing} \oplus 11V^{(3,1),\varnothing} \oplus 8V^{(2,2),\varnothing}$
$k = 9: \quad 4560V^{\varnothing,\varnothing} \oplus 6896V^{\varnothing,(1)} \oplus 1920V^{\varnothing,(2)} \oplus 3120V^{\varnothing,(1,1)} \oplus 1352V^{\varnothing,(2,1)} \oplus 1352V^{\varnothing,(1,1,1)} \oplus 312V^{\varnothing,(2,2)} \oplus 464V^{\varnothing,(2,1,1)} \oplus 260V^{\varnothing,(1,1,1,1)} \oplus 4V^{\varnothing,(2,2,1)} \oplus 3V^{\varnothing,(2,1,1,1)} \oplus 6896V^{(1),\varnothing} \oplus 17192V^{(1),(1)} \oplus 5298V^{(1),(2)} \oplus 6414V^{(1),(1,1)} \oplus 1480V^{(1),(2,1)} \oplus 1480V^{(1),(1,1,1)} \oplus 29V^{(1),(2,2)} \oplus 31V^{(1),(2,1,1)} \oplus 25V^{(1),(1,1,1,1)} \oplus 3120V^{(2),\varnothing} \oplus 6522V^{(2),(1)} \oplus 1308V^{(2),(2)} \oplus 1604V^{(2),(1,1)} \oplus 101V^{(2),(2,1)} \oplus 101V^{(2),(1,1,1)} \oplus 1920V^{(1,1),\varnothing} \oplus 5298V^{(1,1),(1)} \oplus 1096V^{(1,1),(2)} \oplus 1260V^{(1,1),(1,1)} \oplus 83V^{(1,1),(2,1)} \oplus 83V^{(1,1),(1,1,1)} \oplus 1452V^{(3),\varnothing} \oplus 1560V^{(3),(1)} \oplus 87V^{(3),(2)} \oplus 95V^{(3),(1,1)} \oplus 1352V^{(2,1),\varnothing} \oplus 1480V^{(2,1),(1)} \oplus 83V^{(2,1),(2)} \oplus 89V^{(2,1),(1,1)} \oplus 464V^{(4),\varnothing} \oplus 31V^{(4),(1)} \oplus 464V^{(3,1),\varnothing} \oplus 31V^{(3,1),(1)} \oplus 260V^{(2,2),\varnothing} \oplus 25V^{(2,2),(1)} \oplus 3V^{(5),\varnothing} \oplus 4V^{(4,1),\varnothing} \oplus 3V^{(3,2),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 2280V^{\varnothing,(1)} \oplus 888V^{\varnothing,(2)} \oplus 1356V^{\varnothing,(1,1)} \oplus 688V^{\varnothing,(2,1)} \oplus 688V^{\varnothing,(1,1,1)} \oplus 234V^{\varnothing,(2,2)} \oplus 384V^{\varnothing,(2,1,1)} \oplus 234V^{\varnothing,(1,1,1,1)} \oplus 180V^{\varnothing,(2,2,1)} \oplus 104V^{\varnothing,(2,1,1,1)} \oplus V^{\varnothing,(2,2,2)} \oplus V^{\varnothing,(2,2,1,1)} \oplus 2196V^{(1),\varnothing} \oplus 11828V^{(1),(1)} \oplus 4400V^{(1),(2)} \oplus 5136V^{(1),(1,1)} \oplus 2094V^{(1),(2,1)} \oplus 2094V^{(1),(1,1,1)} \oplus 488V^{(1),(2,2)} \oplus 592V^{(1),(2,1,1)} \oplus 448V^{(1),(1,1,1,1)} \oplus 9V^{(1),(2,2,1)} \oplus 7V^{(1),(2,1,1,1)} \oplus 1356V^{(2),\varnothing} \oplus 5136V^{(2),(1)} \oplus 1862V^{(2),(2)} \oplus 2294V^{(2),(1,1)} \oplus 588V^{(2),(2,1)} \oplus 588V^{(2),(1,1,1)} \oplus 33V^{(2),(2,2)} \oplus 35V^{(2),(2,1,1)} \oplus 27V^{(2),(1,1,1,1)} \oplus 888V^{(1,1),\varnothing} \oplus 4400V^{(1,1),(1)} \oplus 1604V^{(1,1),(2)} \oplus 1838V^{(1,1),(1,1)} \oplus 452V^{(1,1),(2,1)} \oplus 452V^{(1,1),(1,1,1)} \oplus 22V^{(1,1),(2,2)} \oplus 23V^{(1,1),(2,1,1)} \oplus 18V^{(1,1),(1,1,1,1)} \oplus 688V^{(3),\varnothing} \oplus 2166V^{(3),(1)} \oplus 484V^{(3),(2)} \oplus 612V^{(3),(1,1)} \oplus 65V^{(3),(2,1)} \oplus 65V^{(3),(1,1,1)} \oplus 688V^{(2,1),\varnothing} \oplus 2094V^{(2,1),(1)} \oplus 452V^{(2,1),(2)} \oplus 564V^{(2,1),(1,1)} \oplus 61V^{(2,1),(2,1)} \oplus 61V^{(2,1),(1,1,1)} \oplus 384V^{(4),\varnothing} \oplus 592V^{(4),(1)} \oplus 23V^{(4),(2)} \oplus 29V^{(4),(1,1)} \oplus 384V^{(3,1),\varnothing} \oplus 592V^{(3,1),(1)} \oplus 23V^{(3,1),(2)} \oplus 29V^{(3,1),(1,1)} \oplus 234V^{(2,2),\varnothing} \oplus 448V^{(2,2),(1)} \oplus 18V^{(2,2),(2)} \oplus 21V^{(2,2),(1,1)} \oplus 104V^{(5),\varnothing} \oplus 7V^{(5),(1)} \oplus 180V^{(4,1),\varnothing} \oplus 9V^{(4,1),(1)} \oplus 104V^{(3,2),\varnothing} \oplus 7V^{(3,2),(1)} \oplus V^{(5,1),\varnothing} \oplus V^{(4,2),\varnothing}$
$k = 7: \quad 196V^{\varnothing,(1)} \oplus 140V^{\varnothing,(2)} \oplus 140V^{\varnothing,(1,1)} \oplus 84V^{\varnothing,(2,1)} \oplus 84V^{\varnothing,(1,1,1)} \oplus 42V^{\varnothing,(2,2)} \oplus 42V^{\varnothing,(2,1,1)} \oplus 42V^{\varnothing,(1,1,1,1)} \oplus 28V^{\varnothing,(2,2,1)} \oplus 28V^{\varnothing,(2,1,1,1)} \oplus 14V^{\varnothing,(2,2,2)} \oplus 14V^{\varnothing,(2,2,1,1)} \oplus 196V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2580V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1360V^{(1),(2,1)} \oplus 1360V^{(1),(1,1,1)} \oplus 550V^{(1),(2,2)} \oplus 650V^{(1),(2,1,1)} \oplus 550V^{(1),(1,1,1,1)} \oplus 256V^{(1),(2,2,1)} \oplus 204V^{(1),(2,1,1,1)} \oplus 3V^{(1),(2,2,2)} \oplus 3V^{(1),(2,2,1,1)} \oplus 126V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1352V^{(2),(2)} \oplus 1580V^{(2),(1,1)} \oplus 738V^{(2),(2,1)} \oplus 738V^{(2),(1,1,1)} \oplus 192V^{(2),(2,2)} \oplus 232V^{(2),(2,1,1)} \oplus 168V^{(2),(1,1,1,1)} \oplus 11V^{(2),(2,2,1)} \oplus 9V^{(2),(2,1,1,1)} \oplus 126V^{(1,1),\varnothing} \oplus 2580V^{(1,1),(1)} \oplus 1232V^{(1,1),(2)} \oplus 1352V^{(1,1),(1,1)} \oplus 606V^{(1,1),(2,1)} \oplus 606V^{(1,1),(1,1,1)} \oplus 156V^{(1,1),(2,2)} \oplus 176V^{(1,1),(2,1,1)} \oplus 140V^{(1,1),(1,1,1,1)} \oplus 7V^{(1,1),(2,2,1)} \oplus 6V^{(1,1),(2,1,1,1)} \oplus 84V^{(3),\varnothing} \oplus 1360V^{(3),(1)} \oplus 630V^{(3),(2)} \oplus 774V^{(3),(1,1)} \oplus 236V^{(3),(2,1)} \oplus 236V^{(3),(1,1,1)} \oplus 27V^{(3),(2,2)} \oplus 29V^{(3),(2,1,1)} \oplus 21V^{(3),(1,1,1,1)} \oplus 84V^{(2,1),\varnothing} \oplus 1360V^{(2,1),(1)} \oplus 606V^{(2,1),(2)} \oplus 738V^{(2,1),(1,1)} \oplus 220V^{(2,1),(2,1)} \oplus 220V^{(2,1),(1,1,1)} \oplus 23V^{(2,1),(2,2)} \oplus 25V^{(2,1),(2,1,1)} \oplus 19V^{(2,1),(1,1,1,1)} \oplus 42V^{(4),\varnothing} \oplus 650V^{(4),(1)} \oplus 176V^{(4),(2)} \oplus 232V^{(4),(1,1)} \oplus 25V^{(4),(2,1)} \oplus 25V^{(4),(1,1,1)} \oplus 42V^{(3,1),\varnothing} \oplus 650V^{(3,1),(1)} \oplus$

Table 43: Table for $\lambda = (5, 2)$, $\mu = (2, 2, 1, 1, 1)$:

$k = 14: \quad 11V^{\varnothing,\varnothing}$
$k = 13: \quad 7788V^{\varnothing,\varnothing} \oplus 253V^{\varnothing,(1)} \oplus 253V^{(1),\varnothing}$
$k = 12: \quad 14862V^{\varnothing,\varnothing} \oplus 7160V^{\varnothing,(1)} \oplus 85V^{\varnothing,(2)} \oplus 93V^{\varnothing,(1,1)} \oplus 7160V^{(1),\varnothing} \oplus 1483V^{(1),(1)} \oplus 93V^{(2),\varnothing} \oplus 85V^{(1,1),\varnothing}$
$k = 11: \quad 14528V^{\varnothing,\varnothing} \oplus 12462V^{\varnothing,(1)} \oplus 1852V^{\varnothing,(2)} \oplus 2920V^{\varnothing,(1,1)} \oplus 30V^{\varnothing,(2,1)} \oplus 32V^{\varnothing,(1,1,1)} \oplus 12462V^{(1),\varnothing} \oplus 11488V^{(1),(1)} \oplus 431V^{(1),(2)} \oplus 455V^{(1),(1,1)} \oplus 2920V^{(2),\varnothing} \oplus 455V^{(2),(1)} \oplus 1852V^{(1,1),\varnothing} \oplus 431V^{(1,1),(1)} \oplus 32V^{(3),\varnothing} \oplus 30V^{(2,1),\varnothing}$
$k = 10: \quad 10728V^{\varnothing,\varnothing} \oplus 10596V^{\varnothing,(1)} \oplus 2830V^{\varnothing,(2)} \oplus 4570V^{\varnothing,(1,1)} \oplus 1056V^{\varnothing,(2,1)} \oplus 1160V^{\varnothing,(1,1,1)} \oplus 8V^{\varnothing,(2,2)} \oplus 11V^{\varnothing,(2,1,1)} \oplus 11V^{\varnothing,(1,1,1,1)} \oplus 10596V^{(1),\varnothing} \oplus 18950V^{(1),(1)} \oplus 3392V^{(1),(2)} \oplus 4216V^{(1),(1,1)} \oplus 121V^{(1),(2,1)} \oplus 125V^{(1),(1,1,1)} \oplus 4570V^{(2),\varnothing} \oplus 4216V^{(2),(1)} \oplus 267V^{(2),(2)} \oplus 293V^{(2),(1,1)} \oplus 2830V^{(1,1),\varnothing} \oplus 3392V^{(1,1),(1)} \oplus 250V^{(1,1),(2)} \oplus 267V^{(1,1),(1,1)} \oplus 1160V^{(3),\varnothing} \oplus 125V^{(3),(1)} \oplus 1056V^{(2,1),\varnothing} \oplus 121V^{(2,1),(1)} \oplus 11V^{(4),\varnothing} \oplus 11V^{(3,1),\varnothing} \oplus 8V^{(2,2),\varnothing}$
$k = 9: \quad 4560V^{\varnothing,\varnothing} \oplus 6896V^{\varnothing,(1)} \oplus 1920V^{\varnothing,(2)} \oplus 3120V^{\varnothing,(1,1)} \oplus 1352V^{\varnothing,(2,1)} \oplus 1452V^{\varnothing,(1,1,1)} \oplus 260V^{\varnothing,(2,2)} \oplus 464V^{\varnothing,(2,1,1)} \oplus 464V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(2,2,1)} \oplus 4V^{\varnothing,(2,1,1,1)} \oplus 3V^{\varnothing,(1,1,1,1,1)} \oplus 6896V^{(1),\varnothing} \oplus 17192V^{(1),(1)} \oplus 5298V^{(1),(2)} \oplus 6522V^{(1),(1,1)} \oplus 1480V^{(1),(2,1)} \oplus 1560V^{(1),(1,1,1)} \oplus 25V^{(1),(2,2)} \oplus 31V^{(1),(2,1,1)} \oplus 31V^{(1),(1,1,1,1)} \oplus 3120V^{(2),\varnothing} \oplus 6522V^{(2),(1)} \oplus 1308V^{(2),(2)} \oplus 1676V^{(2),(1,1)} \oplus 101V^{(2),(2,1)} \oplus 107V^{(2),(1,1,1)} \oplus 1920V^{(1,1),\varnothing} \oplus 5298V^{(1,1),(1)} \oplus 1096V^{(1,1),(2)} \oplus 1308V^{(1,1),(1,1)} \oplus 83V^{(1,1),(2,1)} \oplus 87V^{(1,1),(1,1,1)} \oplus 1452V^{(3),\varnothing} \oplus 1560V^{(3),(1)} \oplus 87V^{(3),(2)} \oplus 107V^{(3),(1,1)} \oplus 1352V^{(2,1),\varnothing} \oplus 1480V^{(2,1),(1)} \oplus 83V^{(2,1),(2)} \oplus 101V^{(2,1),(1,1)} \oplus 464V^{(4),\varnothing} \oplus 31V^{(4),(1)} \oplus 464V^{(3,1),\varnothing} \oplus 31V^{(3,1),(1)} \oplus 260V^{(2,2),\varnothing} \oplus 25V^{(2,2),(1)} \oplus 3V^{(5),\varnothing} \oplus 4V^{(4,1),\varnothing} \oplus 3V^{(3,2),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 2280V^{\varnothing,(1)} \oplus 888V^{\varnothing,(2)} \oplus 1356V^{\varnothing,(1,1)} \oplus 688V^{\varnothing,(2,1)} \oplus 688V^{\varnothing,(1,1,1)} \oplus 234V^{\varnothing,(2,2)} \oplus 384V^{\varnothing,(2,1,1)} \oplus 384V^{\varnothing,(1,1,1,1)} \oplus 104V^{\varnothing,(2,2,1)} \oplus 180V^{\varnothing,(2,1,1,1)} \oplus 104V^{\varnothing,(1,1,1,1,1)} \oplus V^{\varnothing,(2,2,1,1)} \oplus V^{\varnothing,(2,1,1,1,1)} \oplus 2280V^{(1),\varnothing} \oplus 11828V^{(1),(1)} \oplus 4400V^{(1),(2)} \oplus 5136V^{(1),(1,1)} \oplus 2094V^{(1),(2,1)} \oplus 2166V^{(1),(1,1,1)} \oplus 448V^{(1),(2,2)} \oplus 592V^{(1),(2,1,1)} \oplus 592V^{(1),(1,1,1,1)} \oplus 7V^{(1),(2,2,1)} \oplus 9V^{(1),(2,1,1,1)} \oplus 7V^{(1),(1,1,1,1,1)} \oplus 1356V^{(2),\varnothing} \oplus 5136V^{(2),(1)} \oplus 1862V^{(2),(2)} \oplus 2330V^{(2),(1,1)} \oplus 588V^{(2),(2,1)} \oplus 636V^{(2),(1,1,1)} \oplus 27V^{(2),(2,2)} \oplus 35V^{(2),(2,1,1)} \oplus 35V^{(2),(1,1,1,1)} \oplus 888V^{(1,1),\varnothing} \oplus 4400V^{(1,1),(1)} \oplus 1604V^{(1,1),(2)} \oplus 1862V^{(1,1),(1,1)} \oplus 452V^{(1,1),(2,1)} \oplus 484V^{(1,1),(1,1,1)} \oplus 18V^{(1,1),(2,2)} \oplus 23V^{(1,1),(2,1,1)} \oplus 23V^{(1,1),(1,1,1,1)} \oplus 688V^{(3),\varnothing} \oplus 2166V^{(3),(1)} \oplus 484V^{(3),(2)} \oplus 636V^{(3),(1,1)} \oplus 65V^{(3),(2,1)} \oplus 71V^{(3),(1,1,1)} \oplus 688V^{(2,1),\varnothing} \oplus 2094V^{(2,1),(1)} \oplus 452V^{(2,1),(2)} \oplus 588V^{(2,1),(1,1)} \oplus 61V^{(2,1),(2,1)} \oplus 65V^{(2,1),(1,1,1)} \oplus 384V^{(4),\varnothing} \oplus 592V^{(4),(1)} \oplus 23V^{(4),(2)} \oplus 35V^{(4),(1,1)} \oplus 384V^{(3,1),\varnothing} \oplus 592V^{(3,1),(1)} \oplus 23V^{(3,1),(2)} \oplus 35V^{(3,1),(1,1)} \oplus 234V^{(2,2),\varnothing} \oplus 448V^{(2,2),(1)} \oplus 18V^{(2,2),(2)} \oplus 27V^{(2,2),(1,1)} \oplus 104V^{(5),\varnothing} \oplus 7V^{(5),(1)} \oplus 180V^{(4,1),\varnothing} \oplus 9V^{(4,1),(1)} \oplus 104V^{(3,2),\varnothing} \oplus 7V^{(3,2),(1)} \oplus V^{(5,1),\varnothing} \oplus V^{(4,2),\varnothing}$
$k = 7: \quad 196V^{\varnothing,(1)} \oplus 140V^{\varnothing,(2)} \oplus 140V^{\varnothing,(1,1)} \oplus 84V^{\varnothing,(2,1)} \oplus 84V^{\varnothing,(1,1,1)} \oplus 42V^{\varnothing,(2,2)} \oplus 42V^{\varnothing,(2,1,1)} \oplus 42V^{\varnothing,(1,1,1,1)} \oplus 28V^{\varnothing,(2,2,1)} \oplus 28V^{\varnothing,(2,1,1,1)} \oplus 28V^{\varnothing,(1,1,1,1,1)} \oplus 14V^{\varnothing,(2,2,1,1)} \oplus 14V^{\varnothing,(2,1,1,1,1)} \oplus 196V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2580V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1360V^{(1),(2,1)} \oplus 1360V^{(1),(1,1,1)} \oplus 550V^{(1),(2,2)} \oplus 650V^{(1),(2,1,1)} \oplus 650V^{(1),(1,1,1,1)} \oplus 204V^{(1),(2,2,1)} \oplus 256V^{(1),(2,1,1,1)} \oplus 204V^{(1),(1,1,1,1,1)} \oplus 3V^{(1),(2,2,1,1)} \oplus 3V^{(1),(2,1,1,1,1)} \oplus 140V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1352V^{(2),(2)} \oplus 1580V^{(2),(1,1)} \oplus 738V^{(2),(2,1)} \oplus 774V^{(2),(1,1,1)} \oplus 168V^{(2),(2,2)} \oplus 232V^{(2),(2,1,1)} \oplus 232V^{(2),(1,1,1,1)} \oplus 9V^{(2),(2,2,1)} \oplus 11V^{(2),(2,1,1,1)} \oplus 9V^{(2),(1,1,1,1,1)} \oplus 140V^{(1,1),\varnothing} \oplus 2580V^{(1,1),(1)} \oplus 1232V^{(1,1),(2)} \oplus 1352V^{(1,1),(1,1)} \oplus 606V^{(1,1),(2,1)} \oplus 630V^{(1,1),(1,1,1)} \oplus 140V^{(1,1),(2,2)} \oplus 176V^{(1,1),(2,1,1)} \oplus 176V^{(1,1),(1,1,1,1)} \oplus 6V^{(1,1),(2,2,1)} \oplus 7V^{(1,1),(2,1,1,1)} \oplus 6V^{(1,1),(1,1,1,1,1)} \oplus 84V^{(3),\varnothing} \oplus 1360V^{(3),(1)} \oplus 630V^{(3),(2)} \oplus 774V^{(3),(1,1)} \oplus 236V^{(3),(2,1)} \oplus 260V^{(3),(1,1,1)} \oplus 21V^{(3),(2,2)} \oplus 29V^{(3),(2,1,1)} \oplus 29V^{(3),(1,1,1,1)} \oplus 84V^{(2,1),\varnothing} \oplus 1360V^{(2,1),(1)} \oplus 606V^{(2,1),(2)} \oplus 738V^{(2,1),(1,1)} \oplus 220V^{(2,1),(2,1)} \oplus 236V^{(2,1),(1,1,1)} \oplus 19V^{(2,1),(2,2)} \oplus 25V^{(2,1),(2,1,1)} \oplus 25V^{(2,1),(1,1,1,1)} \oplus 42V^{(4),\varnothing} \oplus 650V^{(4),(1)} \oplus 176V^{(4),(2)} \oplus$

Table 44: Table for $\lambda = (5,2)$, $\mu = (2,1,1,1,1,1)$:

$k = 14: \quad 7V^{\varnothing,\varnothing}$
$k = 13: \quad 7612V^{\varnothing,\varnothing} \oplus 234V^{\varnothing,(1)} \oplus 111V^{(1),\varnothing}$
$k = 12: \quad 14566V^{\varnothing,\varnothing} \oplus 6848V^{\varnothing,(1)} \oplus 64V^{\varnothing,(2)} \oplus 86V^{\varnothing,(1,1)} \oplus 6356V^{(1),\varnothing} \oplus 1393V^{(1),(1)} \oplus 60V^{(2),\varnothing} \oplus 52V^{(1,1),\varnothing}$
$k = 11: \quad 14392V^{\varnothing,\varnothing} \oplus 12108V^{\varnothing,(1)} \oplus 1488V^{\varnothing,(2)} \oplus 2612V^{\varnothing,(1,1)} \oplus 22V^{\varnothing,(2,1)} \oplus 30V^{\varnothing,(1,1,1)} \oplus 11190V^{(1),\varnothing} \oplus 10912V^{(1),(1)} \oplus 337V^{(1),(2)} \oplus 433V^{(1),(1,1)} \oplus 2680V^{(2),\varnothing} \oplus 389V^{(2),(1)} \oplus 1612V^{(1,1),\varnothing} \oplus 371V^{(1,1),(1)} \oplus 28V^{(3),\varnothing} \oplus 26V^{(2,1),\varnothing}$
$k = 10: \quad 10532V^{\varnothing,\varnothing} \oplus 10476V^{\varnothing,(1)} \oplus 2440V^{\varnothing,(2)} \oplus 4180V^{\varnothing,(1,1)} \oplus 598V^{\varnothing,(2,1)} \oplus 1056V^{\varnothing,(1,1,1)} \oplus 8V^{\varnothing,(2,1,1)} \oplus 11V^{\varnothing,(1,1,1,1)} \oplus 9556V^{(1),\varnothing} \oplus 18482V^{(1),(1)} \oplus 2944V^{(1),(2)} \oplus 3912V^{(1),(1,1)} \oplus 97V^{(1),(2,1)} \oplus 121V^{(1),(1,1,1)} \oplus 4170V^{(2),\varnothing} \oplus 3976V^{(2),(1)} \oplus 195V^{(2),(2)} \oplus 269V^{(2),(1,1)} \oplus 2430V^{(1,1),\varnothing} \oplus 3200V^{(1,1),(1)} \oplus 186V^{(1,1),(2)} \oplus 251V^{(1,1),(1,1)} \oplus 1080V^{(3),\varnothing} \oplus 89V^{(3),(1)} \oplus 976V^{(2,1),\varnothing} \oplus 85V^{(2,1),(1)} \oplus 11V^{(4),\varnothing} \oplus 11V^{(3,1),\varnothing} \oplus 8V^{(2,2),\varnothing}$
$k = 9: \quad 4560V^{\varnothing,\varnothing} \oplus 6896V^{\varnothing,(1)} \oplus 1760V^{\varnothing,(2)} \oplus 2960V^{\varnothing,(1,1)} \oplus 802V^{\varnothing,(2,1)} \oplus 1352V^{\varnothing,(1,1,1)} \oplus 260V^{\varnothing,(2,1,1)} \oplus 464V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(2,1,1,1)} \oplus 4V^{\varnothing,(1,1,1,1,1)} \oplus 5640V^{(1),\varnothing} \oplus 17084V^{(1),(1)} \oplus 4974V^{(1),(2)} \oplus 6198V^{(1),(1,1)} \oplus 1120V^{(1),(2,1)} \oplus 1480V^{(1),(1,1,1)} \oplus 25V^{(1),(2,1,1)} \oplus 31V^{(1),(1,1,1,1)} \oplus 2800V^{(2),\varnothing} \oplus 6414V^{(2),(1)} \oplus 1092V^{(2),(2)} \oplus 1508V^{(2),(1,1)} \oplus 75V^{(2),(2,1)} \oplus 101V^{(2),(1,1,1)} \oplus 1600V^{(1,1),\varnothing} \oplus 5226V^{(1,1),(1)} \oplus 936V^{(1,1),(2)} \oplus 1196V^{(1,1),(1,1)} \oplus 66V^{(1,1),(2,1)} \oplus 83V^{(1,1),(1,1,1)} \oplus 1308V^{(3),\varnothing} \oplus 1512V^{(3),(1)} \oplus 45V^{(3),(2)} \oplus 89V^{(3),(1,1)} \oplus 1208V^{(2,1),\varnothing} \oplus 1432V^{(2,1),(1)} \oplus 43V^{(2,1),(2)} \oplus 85V^{(2,1),(1,1)} \oplus 432V^{(4),\varnothing} \oplus 25V^{(4),(1)} \oplus 432V^{(3,1),\varnothing} \oplus 25V^{(3,1),(1)} \oplus 228V^{(2,2),\varnothing} \oplus 19V^{(2,2),(1)} \oplus 3V^{(5),\varnothing} \oplus 4V^{(4,1),\varnothing} \oplus 3V^{(3,2),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 2280V^{\varnothing,(1)} \oplus 888V^{\varnothing,(2)} \oplus 1356V^{\varnothing,(1,1)} \oplus 428V^{\varnothing,(2,1)} \oplus 688V^{\varnothing,(1,1,1)} \oplus 234V^{\varnothing,(2,1,1)} \oplus 384V^{\varnothing,(1,1,1,1)} \oplus 104V^{\varnothing,(2,1,1,1)} \oplus 180V^{\varnothing,(1,1,1,1,1)} \oplus V^{\varnothing,(2,1,1,1,1)} \oplus V^{\varnothing,(1,1,1,1,1,1)} \oplus 1620V^{(1),\varnothing} \oplus 11828V^{(1),(1)} \oplus 4304V^{(1),(2)} \oplus 5040V^{(1),(1,1)} \oplus 1722V^{(1),(2,1)} \oplus 2094V^{(1),(1,1,1)} \oplus 448V^{(1),(2,1,1)} \oplus 592V^{(1),(1,1,1,1)} \oplus 7V^{(1),(2,1,1,1)} \oplus 9V^{(1),(1,1,1,1,1)} \oplus 1056V^{(2),\varnothing} \oplus 5136V^{(2),(1)} \oplus 1718V^{(2),(2)} \oplus 2186V^{(2),(1,1)} \oplus 424V^{(2),(2,1)} \oplus 588V^{(2),(1,1,1)} \oplus 27V^{(2),(2,1,1)} \oplus 35V^{(2),(1,1,1,1)} \oplus 588V^{(1,1),\varnothing} \oplus 4400V^{(1,1),(1)} \oplus 1508V^{(1,1),(2)} \oplus 1766V^{(1,1),(1,1)} \oplus 356V^{(1,1),(2,1)} \oplus 452V^{(1,1),(1,1,1)} \oplus 18V^{(1,1),(2,1,1)} \oplus 23V^{(1,1),(1,1,1,1)} \oplus 592V^{(3),\varnothing} \oplus 2166V^{(3),(1)} \oplus 412V^{(3),(2)} \oplus 564V^{(3),(1,1)} \oplus 45V^{(3),(2,1)} \oplus 65V^{(3),(1,1,1)} \oplus 592V^{(2,1),\varnothing} \oplus 2094V^{(2,1),(1)} \oplus 396V^{(2,1),(2)} \oplus 532V^{(2,1),(1,1)} \oplus 43V^{(2,1),(2,1)} \oplus 61V^{(2,1),(1,1,1)} \oplus 336V^{(4),\varnothing} \oplus 592V^{(4),(1)} \oplus 13V^{(4),(2)} \oplus 25V^{(4),(1,1)} \oplus 336V^{(3,1),\varnothing} \oplus 592V^{(3,1),(1)} \oplus 13V^{(3,1),(2)} \oplus 25V^{(3,1),(1,1)} \oplus 186V^{(2,2),\varnothing} \oplus 448V^{(2,2),(1)} \oplus 10V^{(2,2),(2)} \oplus 19V^{(2,2),(1,1)} \oplus 88V^{(5),\varnothing} \oplus 7V^{(5),(1)} \oplus 164V^{(4,1),\varnothing} \oplus 9V^{(4,1),(1)} \oplus 88V^{(3,2),\varnothing} \oplus 7V^{(3,2),(1)} \oplus V^{(5,1),\varnothing} \oplus V^{(4,2),\varnothing}$
$k = 7: \quad 196V^{\varnothing,(1)} \oplus 140V^{\varnothing,(2)} \oplus 140V^{\varnothing,(1,1)} \oplus 84V^{\varnothing,(2,1)} \oplus 84V^{\varnothing,(1,1,1)} \oplus 42V^{\varnothing,(2,1,1)} \oplus 42V^{\varnothing,(1,1,1,1)} \oplus 28V^{\varnothing,(2,1,1,1)} \oplus 28V^{\varnothing,(1,1,1,1,1)} \oplus 14V^{\varnothing,(2,1,1,1,1)} \oplus 14V^{\varnothing,(1,1,1,1,1,1)} \oplus 36V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2580V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1200V^{(1),(2,1)} \oplus 1360V^{(1),(1,1,1)} \oplus 550V^{(1),(2,1,1)} \oplus 650V^{(1),(1,1,1,1)} \oplus 204V^{(1),(2,1,1,1)} \oplus 256V^{(1),(1,1,1,1,1)} \oplus 3V^{(1),(2,1,1,1,1)} \oplus 3V^{(1),(1,1,1,1,1,1)} \oplus 30V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1316V^{(2),(2)} \oplus 1544V^{(2),(1,1)} \oplus 594V^{(2),(2,1)} \oplus 738V^{(2),(1,1,1)} \oplus 168V^{(2),(2,1,1)} \oplus 232V^{(2),(1,1,1,1)} \oplus 9V^{(2),(2,1,1,1)} \oplus 11V^{(2),(1,1,1,1,1)} \oplus 30V^{(1,1),\varnothing} \oplus 2580V^{(1,1),(1)} \oplus 1208V^{(1,1),(2)} \oplus 1328V^{(1,1),(1,1)} \oplus 528V^{(1,1),(2,1)} \oplus 606V^{(1,1),(1,1,1)} \oplus 140V^{(1,1),(2,1,1)} \oplus 176V^{(1,1),(1,1,1,1)} \oplus 6V^{(1,1),(2,1,1,1)} \oplus 7V^{(1,1),(1,1,1,1,1)} \oplus 24V^{(3),\varnothing} \oplus 1360V^{(3),(1)} \oplus 594V^{(3),(2)} \oplus 738V^{(3),(1,1)} \oplus 168V^{(3),(2,1)} \oplus 236V^{(3),(1,1,1)} \oplus 21V^{(3),(2,1,1)} \oplus 29V^{(3),(1,1,1,1)} \oplus 24V^{(2,1),\varnothing} \oplus 1360V^{(2,1),(1)} \oplus 582V^{(2,1),(2)} \oplus 714V^{(2,1),(1,1)} \oplus 160V^{(2,1),(2,1)} \oplus 220V^{(2,1),(1,1,1)} \oplus 19V^{(2,1),(2,1,1)} \oplus 25V^{(2,1),(1,1,1,1)} \oplus 18V^{(4),\varnothing} \oplus 650V^{(4),(1)} \oplus 160V^{(4),(2)} \oplus 216V^{(4),(1,1)} \oplus 13V^{(4),(2,1)} \oplus 25V^{(4),(1,1,1)} \oplus 18V^{(3,1),\varnothing} \oplus 650V^{(3,1),(1)} \oplus 160V^{(3,1),(2)} \oplus 216V^{(3,1),(1,1)} \oplus 13V^{(3,1),(2,1)} \oplus 25V^{(3,1),(1,1,1)} \oplus 18V^{(2,2),\varnothing} \oplus 550V^{(2,2),(1)} \oplus 132V^{(2,2),(2)} \oplus 160V^{(2,2),(1,1)} \oplus 10V^{(2,2),(2,1)} \oplus 19V^{(2,2),(1,1,1)} \oplus 12V^{(5),\varnothing} \oplus 204V^{(5),(1)} \oplus 4V^{(5),(2)} \oplus 7V^{(5),(1,1)} \oplus 12V^{(4,1),\varnothing} \oplus 256V^{(4,1),(1)} \oplus 5V^{(4,1),(2)} \oplus 9V^{(4,1),(1,1)} \oplus 12V^{(3,2),\varnothing} \oplus$

Table 45: Table for $\lambda = (5,2)$, $\mu = (1,1,1,1,1,1,1)$:

$k = 14: \quad 2V^{\varnothing,\varnothing}$
$k = 13: \quad 6466V^{\varnothing,\varnothing} \oplus 170V^{\varnothing,(1)} \oplus 14V^{(1),\varnothing}$
$k = 12:$ $12514V^{\varnothing,\varnothing} \oplus 3956V^{\varnothing,(1)} \oplus 64V^{\varnothing,(1,1)} \oplus 4696V^{(1),\varnothing} \oplus 1057V^{(1),(1)} \oplus 12V^{(2),\varnothing} \oplus 9V^{(1,1),\varnothing}$
$k = 11:$ $12836V^{\varnothing,\varnothing} \oplus 7104V^{\varnothing,(1)} \oplus 1488V^{\varnothing,(1,1)} \oplus 22V^{\varnothing,(1,1,1)} \oplus 8655V^{(1),\varnothing} \oplus 8344V^{(1),(1)} \oplus$ $337V^{(1),(1,1)} \oplus 1926V^{(2),\varnothing} \oplus 195V^{(2),(1)} \oplus 1042V^{(1,1),\varnothing} \oplus 186V^{(1,1),(1)} \oplus 9V^{(3),\varnothing} \oplus 8V^{(2,1),\varnothing}$
$k = 10: \quad 9836V^{\varnothing,\varnothing} \oplus 6148V^{\varnothing,(1)} \oplus 2440V^{\varnothing,(1,1)} \oplus 598V^{\varnothing,(1,1,1)} \oplus 8V^{\varnothing,(1,1,1,1)} \oplus$ $7904V^{(1),\varnothing} \oplus 14866V^{(1),(1)} \oplus 2944V^{(1),(1,1)} \oplus 97V^{(1),(1,1,1)} \oplus 3229V^{(2),\varnothing} \oplus$ $2976V^{(2),(1)} \oplus 195V^{(2),(1,1)} \oplus 1711V^{(1,1),\varnothing} \oplus 2588V^{(1,1),(1)} \oplus 186V^{(1,1),(1,1)} \oplus$ $794V^{(3),\varnothing} \oplus 45V^{(3),(1)} \oplus 742V^{(2,1),\varnothing} \oplus 43V^{(2,1),(1)} \oplus 6V^{(4),\varnothing} \oplus 6V^{(3,1),\varnothing} \oplus 4V^{(2,2),\varnothing}$
$k = 9: \quad 4440V^{\varnothing,\varnothing} \oplus 4316V^{\varnothing,(1)} \oplus 1760V^{\varnothing,(1,1)} \oplus 802V^{\varnothing,(1,1,1)} \oplus 260V^{\varnothing,(1,1,1,1)} \oplus$ $3V^{\varnothing,(1,1,1,1,1)} \oplus 4945V^{(1),\varnothing} \oplus 14416V^{(1),(1)} \oplus 4974V^{(1),(1,1)} \oplus 1120V^{(1),(1,1,1)} \oplus$ $25V^{(1),(1,1,1,1)} \oplus 2336V^{(2),\varnothing} \oplus 5082V^{(2),(1)} \oplus 1092V^{(2),(1,1)} \oplus 75V^{(2),(1,1,1)} \oplus 1216V^{(1,1),\varnothing} \oplus$ $4488V^{(1,1),(1)} \oplus 936V^{(1,1),(1,1)} \oplus 66V^{(1,1),(1,1,1)} \oplus 1059V^{(3),\varnothing} \oplus 1136V^{(3),(1)} \oplus$ $45V^{(3),(1,1)} \oplus 1009V^{(2,1),\varnothing} \oplus 1096V^{(2,1),(1)} \oplus 43V^{(2,1),(1,1)} \oplus 360V^{(4),\varnothing} \oplus 13V^{(4),(1)} \oplus$ $360V^{(3,1),\varnothing} \oplus 13V^{(3,1),(1)} \oplus 182V^{(2,2),\varnothing} \oplus 10V^{(2,2),(1)} \oplus 3V^{(5),\varnothing} \oplus 4V^{(4,1),\varnothing} \oplus 3V^{(3,2),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 1560V^{\varnothing,(1)} \oplus 888V^{\varnothing,(1,1)} \oplus 428V^{\varnothing,(1,1,1)} \oplus 234V^{\varnothing,(1,1,1,1)} \oplus$ $104V^{\varnothing,(1,1,1,1,1)} \oplus V^{\varnothing,(1,1,1,1,1,1)} \oplus 1446V^{(1),\varnothing} \oplus 10532V^{(1),(1)} \oplus 4304V^{(1),(1,1)} \oplus$ $1722V^{(1),(1,1,1)} \oplus 448V^{(1),(1,1,1,1)} \oplus 7V^{(1),(1,1,1,1,1)} \oplus 941V^{(2),\varnothing} \oplus 4352V^{(2),(1)} \oplus$ $1718V^{(2),(1,1)} \oplus 424V^{(2),(1,1,1)} \oplus 27V^{(2),(1,1,1,1)} \oplus 473V^{(1,1),\varnothing} \oplus 3984V^{(1,1),(1)} \oplus$ $1508V^{(1,1),(1,1)} \oplus 356V^{(1,1),(1,1,1)} \oplus 18V^{(1,1),(1,1,1,1)} \oplus 524V^{(3),\varnothing} \oplus 1758V^{(3),(1)} \oplus$ $412V^{(3),(1,1)} \oplus 45V^{(3),(1,1,1)} \oplus 524V^{(2,1),\varnothing} \oplus 1722V^{(2,1),(1)} \oplus 396V^{(2,1),(1,1)} \oplus$ $43V^{(2,1),(1,1,1)} \oplus 303V^{(4),\varnothing} \oplus 448V^{(4),(1)} \oplus 13V^{(4),(1,1)} \oplus 303V^{(3,1),\varnothing} \oplus 448V^{(3,1),(1)} \oplus$ $13V^{(3,1),(1,1)} \oplus 153V^{(2,2),\varnothing} \oplus 376V^{(2,2),(1)} \oplus 10V^{(2,2),(1,1)} \oplus 78V^{(5),\varnothing} \oplus 4V^{(5),(1)} \oplus$ $154V^{(4,1),\varnothing} \oplus 5V^{(4,1),(1)} \oplus 78V^{(3,2),\varnothing} \oplus 4V^{(3,2),(1)} \oplus 2V^{(5,1),\varnothing} \oplus 2V^{(4,2),\varnothing}$
$k = 7: \quad 196V^{\varnothing,(1)} \oplus 140V^{\varnothing,(1,1)} \oplus 84V^{\varnothing,(1,1,1)} \oplus 42V^{\varnothing,(1,1,1,1)} \oplus 28V^{\varnothing,(1,1,1,1,1)} \oplus$ $14V^{\varnothing,(1,1,1,1,1,1)} \oplus V^{(1),\varnothing} \oplus 4560V^{(1),(1)} \oplus 2580V^{(1),(1,1)} \oplus 1200V^{(1),(1,1,1)} \oplus 550V^{(1),(1,1,1,1)} \oplus$ $204V^{(1),(1,1,1,1,1)} \oplus 3V^{(1),(1,1,1,1,1,1)} \oplus V^{(2),\varnothing} \oplus 2580V^{(2),(1)} \oplus 1316V^{(2),(1,1)} \oplus 594V^{(2),(1,1,1)} \oplus$ $168V^{(2),(1,1,1,1)} \oplus 9V^{(2),(1,1,1,1,1)} \oplus V^{(1,1),\varnothing} \oplus 2460V^{(1,1),(1)} \oplus 1208V^{(1,1),(1,1)} \oplus$ $528V^{(1,1),(1,1,1)} \oplus 140V^{(1,1),(1,1,1,1)} \oplus 6V^{(1,1),(1,1,1,1,1)} \oplus V^{(3),\varnothing} \oplus 1200V^{(3),(1)} \oplus 594V^{(3),(1,1)} \oplus$ $168V^{(3),(1,1,1)} \oplus 21V^{(3),(1,1,1,1)} \oplus V^{(2,1),\varnothing} \oplus 1200V^{(2,1),(1)} \oplus 582V^{(2,1),(1,1)} \oplus 160V^{(2,1),(1,1,1)} \oplus$ $19V^{(2,1),(1,1,1,1)} \oplus V^{(4),\varnothing} \oplus 550V^{(4),(1)} \oplus 160V^{(4),(1,1)} \oplus 13V^{(4),(1,1,1)} \oplus V^{(3,1),\varnothing} \oplus$ $550V^{(3,1),(1)} \oplus 160V^{(3,1),(1,1)} \oplus 13V^{(3,1),(1,1,1)} \oplus V^{(2,2),\varnothing} \oplus 500V^{(2,2),(1)} \oplus 132V^{(2,2),(1,1)} \oplus$ $10V^{(2,2),(1,1,1)} \oplus V^{(5),\varnothing} \oplus 178V^{(5),(1)} \oplus 4V^{(5),(1,1)} \oplus V^{(4,1),\varnothing} \oplus 204V^{(4,1),(1)} \oplus 5V^{(4,1),(1,1)} \oplus$ $V^{(3,2),\varnothing} \oplus 178V^{(3,2),(1)} \oplus 4V^{(3,2),(1,1)} \oplus V^{(5,1),\varnothing} \oplus 2V^{(5,1),(1)} \oplus V^{(4,2),\varnothing} \oplus 2V^{(4,2),(1)} \oplus V^{(5,2),\varnothing}$
$k = 6: \quad 720V^{(1),(1)} \oplus 720V^{(1),(1,1)} \oplus 468V^{(1),(1,1,1)} \oplus 260V^{(1),(1,1,1,1)} \oplus$ $150V^{(1),(1,1,1,1,1)} \oplus 76V^{(1),(1,1,1,1,1,1)} \oplus V^{(1),(1,1,1,1,1,1,1)} \oplus 720V^{(2),(1)} \oplus 648V^{(2),(1,1)} \oplus$ $368V^{(2),(1,1,1)} \oplus 186V^{(2),(1,1,1,1)} \oplus 72V^{(2),(1,1,1,1,1)} \oplus 3V^{(2),(1,1,1,1,1,1)} \oplus 720V^{(1,1),(1)} \oplus$ $624V^{(1,1),(1,1)} \oplus 344V^{(1,1),(1,1,1)} \oplus 168V^{(1,1),(1,1,1,1)} \oplus 62V^{(1,1),(1,1,1,1,1)} \oplus$ $2V^{(1,1),(1,1,1,1,1,1)} \oplus 468V^{(3),(1)} \oplus 368V^{(3),(1,1)} \oplus 210V^{(3),(1,1,1)} \oplus 68V^{(3),(1,1,1,1)} \oplus$ $9V^{(3),(1,1,1,1,1)} \oplus 468V^{(2,1),(1)} \oplus 368V^{(2,1),(1,1)} \oplus 206V^{(2,1),(1,1,1)} \oplus 64V^{(2,1),(1,1,1,1)} \oplus$ $7V^{(2,1),(1,1,1,1,1)} \oplus 260V^{(4),(1)} \oplus 186V^{(4),(1,1)} \oplus 64V^{(4),(1,1,1)} \oplus 13V^{(4),(1,1,1,1)} \oplus$ $260V^{(3,1),(1)} \oplus 186V^{(3,1),(1,1)} \oplus 64V^{(3,1),(1,1,1)} \oplus 13V^{(3,1),(1,1,1,1)} \oplus 260V^{(2,2),(1)} \oplus$ $168V^{(2,2),(1,1)} \oplus 52V^{(2,2),(1,1,1)} \oplus 10V^{(2,2),(1,1,1,1)} \oplus 150V^{(5),(1)} \oplus 62V^{(5),(1,1)} \oplus$ $4V^{(5),(1,1,1)} \oplus 150V^{(4,1),(1)} \oplus 72V^{(4,1),(1,1)} \oplus 5V^{(4,1),(1,1,1)} \oplus 150V^{(3,2),(1)} \oplus 62V^{(3,2),(1,1)} \oplus$

Table 46: Table for $\lambda = (5,1,1)$, $\mu = (7,)$:

$k = 14: \quad 5V^{\varnothing,\varnothing}$
$k = 13: \quad 6587V^{\varnothing,\varnothing} \oplus 206V^{\varnothing,(1)} \oplus 14V^{(1),\varnothing}$
$k = 12:$ $12697V^{\varnothing,\varnothing} \oplus 4134V^{\varnothing,(1)} \oplus 81V^{\varnothing,(2)} \oplus 4956V^{(1),\varnothing} \oplus 1059V^{(1),(1)} \oplus 11V^{(2),\varnothing} \oplus 9V^{(1,1),\varnothing}$
$k = 11: \quad 12953V^{\varnothing,\varnothing} \oplus 7338V^{\varnothing,(1)} \oplus 1554V^{\varnothing,(2)} \oplus 28V^{\varnothing,(3)} \oplus 9105V^{(1),\varnothing} \oplus 8544V^{(1),(1)} \oplus 339V^{(1),(2)} \oplus 1926V^{(2),\varnothing} \oplus 195V^{(2),(1)} \oplus 1802V^{(1,1),\varnothing} \oplus 187V^{(1,1),(1)} \oplus 8V^{(3),\varnothing} \oplus 7V^{(2,1),\varnothing} \oplus 4V^{(1,1,1),\varnothing}$
$k = 10: \quad 9875V^{\varnothing,\varnothing} \oplus 7142V^{\varnothing,(1)} \oplus 2508V^{\varnothing,(2)} \oplus 618V^{\varnothing,(3)} \oplus 9V^{\varnothing,(4)} \oplus 8224V^{(1),\varnothing} \oplus 15190V^{(1),(1)} \oplus 3024V^{(1),(2)} \oplus 99V^{(1),(3)} \oplus 3229V^{(2),\varnothing} \oplus 2976V^{(2),(1)} \oplus 195V^{(2),(2)} \oplus 3061V^{(1,1),\varnothing} \oplus 2848V^{(1,1),(1)} \oplus 187V^{(1,1),(2)} \oplus 794V^{(3),\varnothing} \oplus 45V^{(3),(1)} \oplus 742V^{(2,1),\varnothing} \oplus 43V^{(2,1),(1)} \oplus 376V^{(1,1,1),\varnothing} \oplus 34V^{(1,1,1),(1)} \oplus 5V^{(4),\varnothing} \oplus 5V^{(3,1),\varnothing} \oplus 3V^{(2,1,1),\varnothing}$
$k = 9: \quad 4455V^{\varnothing,\varnothing} \oplus 4605V^{\varnothing,(1)} \oplus 2040V^{\varnothing,(2)} \oplus 820V^{\varnothing,(3)} \oplus 264V^{\varnothing,(4)} \oplus 3V^{\varnothing,(5)} \oplus 5065V^{(1),\varnothing} \oplus 14608V^{(1),(1)} \oplus 5082V^{(1),(2)} \oplus 1160V^{(1),(3)} \oplus 27V^{(1),(4)} \oplus 2336V^{(2),\varnothing} \oplus 5082V^{(2),(1)} \oplus 1092V^{(2),(2)} \oplus 75V^{(2),(3)} \oplus 2256V^{(1,1),\varnothing} \oplus 4938V^{(1,1),(1)} \oplus 1036V^{(1,1),(2)} \oplus 67V^{(1,1),(3)} \oplus 1059V^{(3),\varnothing} \oplus 1136V^{(3),(1)} \oplus 45V^{(3),(2)} \oplus 1009V^{(2,1),\varnothing} \oplus 1096V^{(2,1),(1)} \oplus 43V^{(2,1),(2)} \oplus 509V^{(1,1,1),\varnothing} \oplus 928V^{(1,1,1),(1)} \oplus 34V^{(1,1,1),(2)} \oplus 360V^{(4),\varnothing} \oplus 13V^{(4),(1)} \oplus 360V^{(3,1),\varnothing} \oplus 13V^{(3,1),(1)} \oplus 182V^{(2,1,1),\varnothing} \oplus 10V^{(2,1,1),(1)} \oplus 2V^{(5),\varnothing} \oplus 3V^{(4,1),\varnothing} \oplus 2V^{(3,1,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 1710V^{\varnothing,(1)} \oplus 993V^{\varnothing,(2)} \oplus 500V^{\varnothing,(3)} \oplus 240V^{\varnothing,(4)} \oplus 106V^{\varnothing,(5)} \oplus V^{\varnothing,(6)} \oplus 1446V^{(1),\varnothing} \oplus 10580V^{(1),(1)} \oplus 4352V^{(1),(2)} \oplus 1758V^{(1),(3)} \oplus 468V^{(1),(4)} \oplus 9V^{(1),(5)} \oplus 941V^{(2),\varnothing} \oplus 4352V^{(2),(1)} \oplus 1718V^{(2),(2)} \oplus 424V^{(2),(3)} \oplus 27V^{(2),(4)} \oplus 941V^{(1,1),\varnothing} \oplus 4304V^{(1,1),(1)} \oplus 1670V^{(1,1),(2)} \oplus 396V^{(1,1),(3)} \oplus 19V^{(1,1),(4)} \oplus 524V^{(3),\varnothing} \oplus 1758V^{(3),(1)} \oplus 412V^{(3),(2)} \oplus 45V^{(3),(3)} \oplus 524V^{(2,1),\varnothing} \oplus 1722V^{(2,1),(1)} \oplus 396V^{(2,1),(2)} \oplus 43V^{(2,1),(3)} \oplus 264V^{(1,1,1),\varnothing} \oplus 1536V^{(1,1,1),(1)} \oplus 328V^{(1,1,1),(2)} \oplus 34V^{(1,1,1),(3)} \oplus 303V^{(4),\varnothing} \oplus 448V^{(4),(1)} \oplus 13V^{(4),(2)} \oplus 303V^{(3,1),\varnothing} \oplus 448V^{(3,1),(1)} \oplus 13V^{(3,1),(2)} \oplus 153V^{(2,1,1),\varnothing} \oplus 376V^{(2,1,1),(1)} \oplus 10V^{(2,1,1),(2)} \oplus 78V^{(5),\varnothing} \oplus 4V^{(5),(1)} \oplus 154V^{(4,1),\varnothing} \oplus 5V^{(4,1),(1)} \oplus 78V^{(3,1,1),\varnothing} \oplus 4V^{(3,1,1),(1)} \oplus V^{(5,1),\varnothing} \oplus V^{(4,1,1),\varnothing}$
$k = 7: \quad 225V^{\varnothing,(1)} \oplus 165V^{\varnothing,(2)} \oplus 105V^{\varnothing,(3)} \oplus 60V^{\varnothing,(4)} \oplus 30V^{\varnothing,(5)} \oplus 15V^{\varnothing,(6)} \oplus V^{(1),\varnothing} \oplus 4560V^{(1),(1)} \oplus 2580V^{(1),(2)} \oplus 1200V^{(1),(3)} \oplus 550V^{(1),(4)} \oplus 204V^{(1),(5)} \oplus 3V^{(1),(6)} \oplus V^{(2),\varnothing} \oplus 2580V^{(2),(1)} \oplus 1316V^{(2),(2)} \oplus 594V^{(2),(3)} \oplus 168V^{(2),(4)} \oplus 9V^{(2),(5)} \oplus V^{(1,1),\varnothing} \oplus 2580V^{(1,1),(1)} \oplus 1304V^{(1,1),(2)} \oplus 582V^{(1,1),(3)} \oplus 160V^{(1,1),(4)} \oplus 7V^{(1,1),(5)} \oplus V^{(3),\varnothing} \oplus 1200V^{(3),(1)} \oplus 594V^{(3),(2)} \oplus 168V^{(3),(3)} \oplus 21V^{(3),(4)} \oplus V^{(2,1),\varnothing} \oplus 1200V^{(2,1),(1)} \oplus 582V^{(2,1),(2)} \oplus 160V^{(2,1),(3)} \oplus 19V^{(2,1),(4)} \oplus V^{(1,1,1),\varnothing} \oplus 1120V^{(1,1,1),(1)} \oplus 516V^{(1,1,1),(2)} \oplus 130V^{(1,1,1),(3)} \oplus 10V^{(1,1,1),(4)} \oplus V^{(4),\varnothing} \oplus 550V^{(4),(1)} \oplus 160V^{(4),(2)} \oplus 13V^{(4),(3)} \oplus V^{(3,1),\varnothing} \oplus 550V^{(3,1),(1)} \oplus 160V^{(3,1),(2)} \oplus 13V^{(3,1),(3)} \oplus V^{(2,1,1),\varnothing} \oplus 500V^{(2,1,1),(1)} \oplus 132V^{(2,1,1),(2)} \oplus 10V^{(2,1,1),(3)} \oplus V^{(5),\varnothing} \oplus 178V^{(5),(1)} \oplus 4V^{(5),(2)} \oplus V^{(4,1),\varnothing} \oplus 204V^{(4,1),(1)} \oplus 5V^{(4,1),(2)} \oplus V^{(3,1,1),\varnothing} \oplus 178V^{(3,1,1),(1)} \oplus 4V^{(3,1,1),(2)} \oplus V^{(5,1),\varnothing} \oplus 2V^{(5,1),(1)} \oplus V^{(4,1,1),\varnothing} \oplus 2V^{(4,1,1),(1)}$
$k = 6: \quad 720V^{(1),(1)} \oplus 720V^{(1),(2)} \oplus 468V^{(1),(3)} \oplus 260V^{(1),(4)} \oplus 150V^{(1),(5)} \oplus 76V^{(1),(6)} \oplus V^{(1),(7)} \oplus 720V^{(2),(1)} \oplus 648V^{(2),(2)} \oplus 368V^{(2),(3)} \oplus 186V^{(2),(4)} \oplus 72V^{(2),(5)} \oplus 3V^{(2),(6)} \oplus 720V^{(1,1),(1)} \oplus 648V^{(1,1),(2)} \oplus 368V^{(1,1),(3)} \oplus 186V^{(1,1),(4)} \oplus 72V^{(1,1),(5)} \oplus 3V^{(1,1),(6)} \oplus 468V^{(3),(1)} \oplus 368V^{(3),(2)} \oplus 210V^{(3),(3)} \oplus 68V^{(3),(4)} \oplus 9V^{(3),(5)} \oplus 468V^{(2,1),(1)} \oplus 368V^{(2,1),(2)} \oplus 206V^{(2,1),(3)} \oplus 64V^{(2,1),(4)} \oplus 7V^{(2,1),(5)} \oplus 468V^{(1,1,1),(1)} \oplus 344V^{(1,1,1),(2)} \oplus 184V^{(1,1,1),(3)} \oplus 52V^{(1,1,1),(4)} \oplus 4V^{(1,1,1),(5)} \oplus 260V^{(4),(1)} \oplus 186V^{(4),(2)} \oplus 64V^{(4),(3)} \oplus 13V^{(4),(4)} \oplus 260V^{(3,1),(1)} \oplus 186V^{(3,1),(2)} \oplus 64V^{(3,1),(3)} \oplus 13V^{(3,1),(4)} \oplus 260V^{(2,1,1),(1)} \oplus 168V^{(2,1,1),(2)} \oplus 52V^{(2,1,1),(3)} \oplus 10V^{(2,1,1),(4)} \oplus 150V^{(5),(1)} \oplus 62V^{(5),(2)} \oplus 4V^{(5),(3)} \oplus 150V^{(4,1),(1)} \oplus 72V^{(4,1),(2)} \oplus 5V^{(4,1),(3)} \oplus 150V^{(3,1,1),(1)} \oplus 62V^{(3,1,1),(2)} \oplus 4V^{(3,1,1),(3)} \oplus 76V^{(5,1),(1)} \oplus 2V^{(5,1),(2)} \oplus 76V^{(4,1,1),(1)} \oplus 2V^{(4,1,1),(2)} \oplus V^{(5,1,1),(1)}$

Table 47: Table for $\lambda = (5,1,1)$, $\mu = (6,1)$:

$k = 14: \quad 60V^{\varnothing,\varnothing}$
$k = 13: \quad 7971V^{\varnothing,\varnothing} \oplus 287V^{\varnothing,(1)} \oplus 113V^{(1),\varnothing}$
$k = 12: \quad 14954V^{\varnothing,\varnothing} \oplus 7128V^{\varnothing,(1)} \oplus 109V^{\varnothing,(2)} \oplus 81V^{\varnothing,(1,1)} \oplus 6876V^{(1),\varnothing} \oplus 1397V^{(1),(1)} \oplus 60V^{(2),\varnothing} \oplus 53V^{(1,1),\varnothing}$
$k = 11: \quad 14644V^{\varnothing,\varnothing} \oplus 12426V^{\varnothing,(1)} \oplus 2718V^{\varnothing,(2)} \oplus 1554V^{\varnothing,(1,1)} \oplus 37V^{\varnothing,(3)} \oplus 28V^{\varnothing,(2,1)} \oplus 12090V^{(1),\varnothing} \oplus 11312V^{(1),(1)} \oplus 437V^{(1),(2)} \oplus 339V^{(1),(1,1)} \oplus 2680V^{(2),\varnothing} \oplus 389V^{(2),(1)} \oplus 2372V^{(1,1),\varnothing} \oplus 373V^{(1,1),(1)} \oplus 28V^{(3),\varnothing} \oplus 26V^{(2,1),\varnothing} \oplus 18V^{(1,1,1),\varnothing}$
$k = 10:$ $10736V^{\varnothing,\varnothing} \oplus 11494V^{\varnothing,(1)} \oplus 4266V^{\varnothing,(2)} \oplus 2508V^{\varnothing,(1,1)} \oplus 1086V^{\varnothing,(3)} \oplus 618V^{\varnothing,(2,1)} \oplus 12V^{\varnothing,(4)} \oplus 9V^{\varnothing,(3,1)} \oplus 10196V^{(1),\varnothing} \oplus 19130V^{(1),(1)} \oplus 4072V^{(1),(2)} \oplus 3024V^{(1),(1,1)} \oplus 125V^{(1),(3)} \oplus 99V^{(1),(2,1)} \oplus 4170V^{(2),\varnothing} \oplus 3976V^{(2),(1)} \oplus 269V^{(2),(2)} \oplus 195V^{(2),(1,1)} \oplus 3780V^{(1,1),\varnothing} \oplus 3720V^{(1,1),(1)} \oplus 253V^{(1,1),(2)} \oplus 187V^{(1,1),(1,1)} \oplus 1080V^{(3),\varnothing} \oplus 89V^{(3),(1)} \oplus 976V^{(2,1),\varnothing} \oplus 85V^{(2,1),(1)} \oplus 518V^{(1,1,1),\varnothing} \oplus 67V^{(1,1,1),(1)} \oplus 11V^{(4),\varnothing} \oplus 11V^{(3,1),\varnothing} \oplus 8V^{(2,1,1),\varnothing}$
$k = 9: \quad 4740V^{\varnothing,\varnothing} \oplus 7185V^{\varnothing,(1)} \oplus 3240V^{\varnothing,(2)} \oplus 2040V^{\varnothing,(1,1)} \oplus 1370V^{\varnothing,(3)} \oplus 820V^{\varnothing,(2,1)} \oplus 468V^{\varnothing,(4)} \oplus 264V^{\varnothing,(3,1)} \oplus 4V^{\varnothing,(5)} \oplus 3V^{\varnothing,(4,1)} \oplus 5880V^{(1),\varnothing} \oplus 17468V^{(1),(1)} \oplus 6414V^{(1),(2)} \oplus 5082V^{(1),(1,1)} \oplus 1560V^{(1),(3)} \oplus 1160V^{(1),(2,1)} \oplus 35V^{(1),(4)} \oplus 27V^{(1),(3,1)} \oplus 2800V^{(2),\varnothing} \oplus 6414V^{(2),(1)} \oplus 1508V^{(2),(2)} \oplus 1092V^{(2),(1,1)} \oplus 101V^{(2),(3)} \oplus 75V^{(2),(2,1)} \oplus 2640V^{(1,1),\varnothing} \oplus 6126V^{(1,1),(1)} \oplus 1396V^{(1,1),(2)} \oplus 1036V^{(1,1),(1,1)} \oplus 85V^{(1,1),(3)} \oplus 67V^{(1,1),(2,1)} \oplus 1308V^{(3),\varnothing} \oplus 1512V^{(3),(1)} \oplus 89V^{(3),(2)} \oplus 45V^{(3),(1,1)} \oplus 1208V^{(2,1),\varnothing} \oplus 1432V^{(2,1),(1)} \oplus 85V^{(2,1),(2)} \oplus 43V^{(2,1),(1,1)} \oplus 658V^{(1,1,1),\varnothing} \oplus 1096V^{(1,1,1),(1)} \oplus 67V^{(1,1,1),(2)} \oplus 34V^{(1,1,1),(1,1)} \oplus 432V^{(4),\varnothing} \oplus 25V^{(4),(1)} \oplus 432V^{(3,1),\varnothing} \oplus 25V^{(3,1),(1)} \oplus 228V^{(2,1,1),\varnothing} \oplus 19V^{(2,1,1),(1)} \oplus 3V^{(5),\varnothing} \oplus 4V^{(4,1),\varnothing} \oplus 3V^{(3,1,1),\varnothing}$
$k = 8: \quad 810V^{\varnothing,\varnothing} \oplus 2430V^{\varnothing,(1)} \oplus 1461V^{\varnothing,(2)} \oplus 993V^{\varnothing,(1,1)} \oplus 760V^{\varnothing,(3)} \oplus 500V^{\varnothing,(2,1)} \oplus 390V^{\varnothing,(4)} \oplus 240V^{\varnothing,(3,1)} \oplus 182V^{\varnothing,(5)} \oplus 106V^{\varnothing,(4,1)} \oplus V^{\varnothing,(6)} \oplus V^{\varnothing,(5,1)} \oplus 1620V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 5136V^{(1),(2)} \oplus 4352V^{(1),(1,1)} \oplus 2166V^{(1),(3)} \oplus 1758V^{(1),(2,1)} \oplus 632V^{(1),(4)} \oplus 468V^{(1),(3,1)} \oplus 11V^{(1),(5)} \oplus 9V^{(1),(4,1)} \oplus 1056V^{(2),\varnothing} \oplus 5136V^{(2),(1)} \oplus 2186V^{(2),(2)} \oplus 1718V^{(2),(1,1)} \oplus 588V^{(2),(3)} \oplus 424V^{(2),(2,1)} \oplus 35V^{(2),(4)} \oplus 27V^{(2),(3,1)} \oplus 1056V^{(1,1),\varnothing} \oplus 5040V^{(1,1),(1)} \oplus 2090V^{(1,1),(2)} \oplus 1670V^{(1,1),(1,1)} \oplus 532V^{(1,1),(3)} \oplus 396V^{(1,1),(2,1)} \oplus 25V^{(1,1),(4)} \oplus 19V^{(1,1),(3,1)} \oplus 592V^{(3),\varnothing} \oplus 2166V^{(3),(1)} \oplus 564V^{(3),(2)} \oplus 412V^{(3),(1,1)} \oplus 65V^{(3),(3)} \oplus 45V^{(3),(2,1)} \oplus 592V^{(2,1),\varnothing} \oplus 2094V^{(2,1),(1)} \oplus 532V^{(2,1),(2)} \oplus 396V^{(2,1),(1,1)} \oplus 61V^{(2,1),(3)} \oplus 43V^{(2,1),(2,1)} \oplus 332V^{(1,1,1),\varnothing} \oplus 1722V^{(1,1,1),(1)} \oplus 396V^{(1,1,1),(2)} \oplus 328V^{(1,1,1),(1,1)} \oplus 43V^{(1,1,1),(3)} \oplus 34V^{(1,1,1),(2,1)} \oplus 336V^{(4),\varnothing} \oplus 592V^{(4),(1)} \oplus 25V^{(4),(2)} \oplus 13V^{(4),(1,1)} \oplus 336V^{(3,1),\varnothing} \oplus 592V^{(3,1),(1)} \oplus 25V^{(3,1),(2)} \oplus 13V^{(3,1),(1,1)} \oplus 186V^{(2,1,1),\varnothing} \oplus 448V^{(2,1,1),(1)} \oplus 19V^{(2,1,1),(2)} \oplus 10V^{(2,1,1),(1,1)} \oplus 88V^{(5),\varnothing} \oplus 7V^{(5),(1)} \oplus 164V^{(4,1),\varnothing} \oplus 9V^{(4,1),(1)} \oplus 88V^{(3,1,1),\varnothing} \oplus 7V^{(3,1,1),(1)} \oplus V^{(5,1),\varnothing} \oplus V^{(4,1,1),\varnothing}$
$k = 7: \quad 225V^{\varnothing,(1)} \oplus 165V^{\varnothing,(2)} \oplus 165V^{\varnothing,(1,1)} \oplus 105V^{\varnothing,(3)} \oplus 105V^{\varnothing,(2,1)} \oplus 60V^{\varnothing,(4)} \oplus 60V^{\varnothing,(3,1)} \oplus 30V^{\varnothing,(5)} \oplus 30V^{\varnothing,(4,1)} \oplus 15V^{\varnothing,(6)} \oplus 15V^{\varnothing,(5,1)} \oplus 36V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2580V^{(1),(1,1)} \oplus 1360V^{(1),(3)} \oplus 1200V^{(1),(2,1)} \oplus 650V^{(1),(4)} \oplus 550V^{(1),(3,1)} \oplus 256V^{(1),(5)} \oplus 204V^{(1),(4,1)} \oplus 3V^{(1),(6)} \oplus 3V^{(1),(5,1)} \oplus 30V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1544V^{(2),(2)} \oplus 1316V^{(2),(1,1)} \oplus 738V^{(2),(3)} \oplus 594V^{(2),(2,1)} \oplus 232V^{(2),(4)} \oplus 168V^{(2),(3,1)} \oplus 11V^{(2),(5)} \oplus 9V^{(2),(4,1)} \oplus 30V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1520V^{(1,1),(2)} \oplus 1304V^{(1,1),(1,1)} \oplus 714V^{(1,1),(3)} \oplus 582V^{(1,1),(2,1)} \oplus 216V^{(1,1),(4)} \oplus 160V^{(1,1),(3,1)} \oplus 9V^{(1,1),(5)} \oplus 7V^{(1,1),(4,1)} \oplus 24V^{(3),\varnothing} \oplus 1360V^{(3),(1)} \oplus 738V^{(3),(2)} \oplus 594V^{(3),(1,1)} \oplus 236V^{(3),(3)} \oplus 168V^{(3),(2,1)} \oplus 29V^{(3),(4)} \oplus 21V^{(3),(3,1)} \oplus 24V^{(2,1),\varnothing} \oplus 1360V^{(2,1),(1)} \oplus 714V^{(2,1),(2)} \oplus 582V^{(2,1),(1,1)} \oplus 220V^{(2,1),(3)} \oplus 160V^{(2,1),(2,1)} \oplus 25V^{(2,1),(4)} \oplus 19V^{(2,1),(3,1)} \oplus 24V^{(1,1,1),\varnothing} \oplus 1200V^{(1,1,1),(1)} \oplus 582V^{(1,1,1),(2)} \oplus 516V^{(1,1,1),(1,1)} \oplus 160V^{(1,1,1),(3)} \oplus 130V^{(1,1,1),(2,1)} \oplus 13V^{(1,1,1),(4)} \oplus 10V^{(1,1,1),(3,1)} \oplus 18V^{(4),\varnothing} \oplus 650V^{(4),(1)} \oplus 216V^{(4),(2)} \oplus 160V^{(4),(1,1)} \oplus 25V^{(4),(3)} \oplus$

Table 48: Table for $\lambda = (5,1,1)$, $\mu = (5,2)$:

$k = 14: \quad 60V^{\varnothing,\varnothing}$
$k = 13: \quad 8091V^{\varnothing,\varnothing} \oplus 312V^{\varnothing,(1)} \oplus 255V^{(1),\varnothing}$
$k = 12: \quad 15194V^{\varnothing,\varnothing} \oplus 7520V^{\varnothing,(1)} \oplus 117V^{\varnothing,(2)} \oplus 108V^{\varnothing,(1,1)} \oplus 7680V^{(1),\varnothing} \oplus 1487V^{(1),(1)} \oplus 93V^{(2),\varnothing} \oplus 86V^{(1,1),\varnothing}$
$k = 11: \quad 14884V^{\varnothing,\varnothing} \oplus 12864V^{\varnothing,(1)} \oplus 3046V^{\varnothing,(2)} \oplus 1958V^{\varnothing,(1,1)} \oplus 39V^{\varnothing,(3)} \oplus 37V^{\varnothing,(2,1)} \oplus 13362V^{(1),\varnothing} \oplus 11888V^{(1),(1)} \oplus 461V^{(1),(2)} \oplus 435V^{(1),(1,1)} \oplus 2920V^{(2),\varnothing} \oplus 455V^{(2),(1)} \oplus 2612V^{(1,1),\varnothing} \oplus 433V^{(1,1),(1)} \oplus 32V^{(3),\varnothing} \oplus 30V^{(2,1),\varnothing} \oplus 22V^{(1,1,1),\varnothing}$
$k = 10: \quad 10976V^{\varnothing,\varnothing} \oplus 11638V^{\varnothing,(1)} \oplus 4674V^{\varnothing,(2)} \oplus 2916V^{\varnothing,(1,1)} \oplus 1190V^{\varnothing,(3)} \oplus 1086V^{\varnothing,(2,1)} \oplus 12V^{\varnothing,(4)} \oplus 12V^{\varnothing,(3,1)} \oplus 9V^{\varnothing,(2,2)} \oplus 11236V^{(1),\varnothing} \oplus 19598V^{(1),(1)} \oplus 4456V^{(1),(2)} \oplus 3552V^{(1),(1,1)} \oplus 131V^{(1),(3)} \oplus 125V^{(1),(2,1)} \oplus 4570V^{(2),\varnothing} \oplus 4216V^{(2),(1)} \oplus 293V^{(2),(2)} \oplus 267V^{(2),(1,1)} \oplus 4180V^{(1,1),\varnothing} \oplus 3912V^{(1,1),(1)} \oplus 269V^{(1,1),(2)} \oplus 251V^{(1,1),(1,1)} \oplus 1160V^{(3),\varnothing} \oplus 125V^{(3),(1)} \oplus 1056V^{(2,1),\varnothing} \oplus 121V^{(2,1),(1)} \oplus 598V^{(1,1,1),\varnothing} \oplus 97V^{(1,1,1),(1)} \oplus 11V^{(4),\varnothing} \oplus 11V^{(3,1),\varnothing} \oplus 8V^{(2,1,1),\varnothing}$
$k = 9: \quad 4980V^{\varnothing,\varnothing} \oplus 7185V^{\varnothing,(1)} \oplus 3400V^{\varnothing,(2)} \oplus 2200V^{\varnothing,(1,1)} \oplus 1470V^{\varnothing,(3)} \oplus 1370V^{\varnothing,(2,1)} \oplus 468V^{\varnothing,(4)} \oplus 468V^{\varnothing,(3,1)} \oplus 264V^{\varnothing,(2,2)} \oplus 3V^{\varnothing,(5)} \oplus 4V^{\varnothing,(4,1)} \oplus 3V^{\varnothing,(3,2)} \oplus 7136V^{(1),\varnothing} \oplus 17576V^{(1),(1)} \oplus 6846V^{(1),(2)} \oplus 5514V^{(1),(1,1)} \oplus 1680V^{(1),(3)} \oplus 1560V^{(1),(2,1)} \oplus 35V^{(1),(4)} \oplus 35V^{(1),(3,1)} \oplus 27V^{(1),(2,2)} \oplus 3120V^{(2),\varnothing} \oplus 6522V^{(2),(1)} \oplus 1676V^{(2),(2)} \oplus 1308V^{(2),(1,1)} \oplus 107V^{(2),(3)} \oplus 101V^{(2),(2,1)} \oplus 2960V^{(1,1),\varnothing} \oplus 6198V^{(1,1),(1)} \oplus 1508V^{(1,1),(2)} \oplus 1196V^{(1,1),(1,1)} \oplus 89V^{(1,1),(3)} \oplus 85V^{(1,1),(2,1)} \oplus 1452V^{(3),\varnothing} \oplus 1560V^{(3),(1)} \oplus 107V^{(3),(2)} \oplus 87V^{(3),(1,1)} \oplus 1352V^{(2,1),\varnothing} \oplus 1480V^{(2,1),(1)} \oplus 101V^{(2,1),(2)} \oplus 83V^{(2,1),(1,1)} \oplus 802V^{(1,1,1),\varnothing} \oplus 1120V^{(1,1,1),(1)} \oplus 75V^{(1,1,1),(2)} \oplus 66V^{(1,1,1),(1,1)} \oplus 464V^{(4),\varnothing} \oplus 31V^{(4),(1)} \oplus 464V^{(3,1),\varnothing} \oplus 31V^{(3,1),(1)} \oplus 260V^{(2,1,1),\varnothing} \oplus 25V^{(2,1,1),(1)} \oplus 3V^{(5),\varnothing} \oplus 4V^{(4,1),\varnothing} \oplus 3V^{(3,1,1),\varnothing}$
$k = 8:$ $930V^{\varnothing,\varnothing} \oplus 2430V^{\varnothing,(1)} \oplus 1461V^{\varnothing,(2)} \oplus 993V^{\varnothing,(1,1)} \oplus 760V^{\varnothing,(3)} \oplus 760V^{\varnothing,(2,1)} \oplus 390V^{\varnothing,(4)} \oplus 390V^{\varnothing,(3,1)} \oplus 240V^{\varnothing,(2,2)} \oplus 106V^{\varnothing,(5)} \oplus 182V^{\varnothing,(4,1)} \oplus 106V^{\varnothing,(3,2)} \oplus V^{\varnothing,(5,1)} \oplus V^{\varnothing,(4,2)} \oplus 2280V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 5280V^{(1),(2)} \oplus 4496V^{(1),(1,1)} \oplus 2274V^{(1),(3)} \oplus 2166V^{(1),(2,1)} \oplus 632V^{(1),(4)} \oplus 632V^{(1),(3,1)} \oplus 468V^{(1),(2,2)} \oplus 9V^{(1),(5)} \oplus 11V^{(1),(4,1)} \oplus 9V^{(1),(3,2)} \oplus 1356V^{(2),\varnothing} \oplus 5136V^{(2),(1)} \oplus 2330V^{(2),(2)} \oplus 1862V^{(2),(1,1)} \oplus 636V^{(2),(3)} \oplus 588V^{(2),(2,1)} \oplus 35V^{(2),(4)} \oplus 35V^{(2),(3,1)} \oplus 27V^{(2),(2,2)} \oplus 1356V^{(1,1),\varnothing} \oplus 5040V^{(1,1),(1)} \oplus 2186V^{(1,1),(2)} \oplus 1766V^{(1,1),(1,1)} \oplus 564V^{(1,1),(3)} \oplus 532V^{(1,1),(2,1)} \oplus 25V^{(1,1),(4)} \oplus 25V^{(1,1),(3,1)} \oplus 19V^{(1,1),(2,2)} \oplus 688V^{(3),\varnothing} \oplus 2166V^{(3),(1)} \oplus 636V^{(3),(2)} \oplus 484V^{(3),(1,1)} \oplus 71V^{(3),(3)} \oplus 65V^{(3),(2,1)} \oplus 688V^{(2,1),\varnothing} \oplus 2094V^{(2,1),(1)} \oplus 588V^{(2,1),(2)} \oplus 452V^{(2,1),(1,1)} \oplus 65V^{(2,1),(3)} \oplus 61V^{(2,1),(2,1)} \oplus 428V^{(1,1,1),\varnothing} \oplus 1722V^{(1,1,1),(1)} \oplus 424V^{(1,1,1),(2)} \oplus 356V^{(1,1,1),(1,1)} \oplus 45V^{(1,1,1),(3)} \oplus 43V^{(1,1,1),(2,1)} \oplus 384V^{(4),\varnothing} \oplus 592V^{(4),(1)} \oplus 35V^{(4),(2)} \oplus 23V^{(4),(1,1)} \oplus 384V^{(3,1),\varnothing} \oplus 592V^{(3,1),(1)} \oplus 35V^{(3,1),(2)} \oplus 23V^{(3,1),(1,1)} \oplus 234V^{(2,1,1),\varnothing} \oplus 448V^{(2,1,1),(1)} \oplus 27V^{(2,1,1),(2)} \oplus 18V^{(2,1,1),(1,1)} \oplus 104V^{(5),\varnothing} \oplus 7V^{(5),(1)} \oplus 180V^{(4,1),\varnothing} \oplus 9V^{(4,1),(1)} \oplus 104V^{(3,1,1),\varnothing} \oplus 7V^{(3,1,1),(1)} \oplus V^{(5,1),\varnothing} \oplus V^{(4,1,1),\varnothing}$
$k = 7: \quad 225V^{\varnothing,(1)} \oplus 165V^{\varnothing,(2)} \oplus 165V^{\varnothing,(1,1)} \oplus 105V^{\varnothing,(3)} \oplus 105V^{\varnothing,(2,1)} \oplus 60V^{\varnothing,(4)} \oplus 60V^{\varnothing,(3,1)} \oplus 60V^{\varnothing,(2,2)} \oplus 30V^{\varnothing,(5)} \oplus 30V^{\varnothing,(4,1)} \oplus 30V^{\varnothing,(3,2)} \oplus 15V^{\varnothing,(5,1)} \oplus 15V^{\varnothing,(4,2)} \oplus 196V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2580V^{(1),(1,1)} \oplus 1360V^{(1),(3)} \oplus 1360V^{(1),(2,1)} \oplus 650V^{(1),(4)} \oplus 650V^{(1),(3,1)} \oplus 550V^{(1),(2,2)} \oplus 204V^{(1),(5)} \oplus 256V^{(1),(4,1)} \oplus 204V^{(1),(3,2)} \oplus 3V^{(1),(5,1)} \oplus 3V^{(1),(4,2)} \oplus 140V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1580V^{(2),(2)} \oplus 1352V^{(2),(1,1)} \oplus 774V^{(2),(3)} \oplus 738V^{(2),(2,1)} \oplus 232V^{(2),(4)} \oplus 232V^{(2),(3,1)} \oplus 168V^{(2),(2,2)} \oplus 9V^{(2),(5)} \oplus 11V^{(2),(4,1)} \oplus 9V^{(2),(3,2)} \oplus 140V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1544V^{(1,1),(2)} \oplus 1328V^{(1,1),(1,1)} \oplus 738V^{(1,1),(3)} \oplus 714V^{(1,1),(2,1)} \oplus 216V^{(1,1),(4)} \oplus 216V^{(1,1),(3,1)} \oplus 160V^{(1,1),(2,2)} \oplus 7V^{(1,1),(5)} \oplus 9V^{(1,1),(4,1)} \oplus 7V^{(1,1),(3,2)} \oplus 84V^{(3),\varnothing} \oplus 1360V^{(3),(1)} \oplus 774V^{(3),(2)} \oplus 630V^{(3),(1,1)} \oplus 260V^{(3),(3)} \oplus 236V^{(3),(2,1)} \oplus 29V^{(3),(4)} \oplus 29V^{(3),(3,1)} \oplus 21V^{(3),(2,2)} \oplus 84V^{(2,1),\varnothing} \oplus 1360V^{(2,1),(1)} \oplus 738V^{(2,1),(2)} \oplus 606V^{(2,1),(1,1)} \oplus 236V^{(2,1),(3)} \oplus 220V^{(2,1),(2,1)} \oplus$

Table 49: Table for $\lambda = (5,1,1)$, $\mu = (5,1,1)$:

$k = 14: \quad 431V^{\varnothing,\varnothing}$
$k = 13: \quad 8594V^{\varnothing,\varnothing} \oplus 314V^{\varnothing,(1)} \oplus 314V^{(1),\varnothing}$
$k = 12: \quad 15620V^{\varnothing,\varnothing} \oplus 8040V^{\varnothing,(1)} \oplus 117V^{\varnothing,(2)} \oplus 109V^{\varnothing,(1,1)} \oplus 8040V^{(1),\varnothing} \oplus 1493V^{(1),(1)} \oplus 117V^{(2),\varnothing} \oplus 109V^{(1,1),\varnothing}$
$k = 11: \quad 15289V^{\varnothing,\varnothing} \oplus 13764V^{\varnothing,(1)} \oplus 3046V^{\varnothing,(2)} \oplus 2718V^{\varnothing,(1,1)} \oplus 39V^{\varnothing,(3)} \oplus 37V^{\varnothing,(2,1)} \oplus 28V^{\varnothing,(1,1,1)} \oplus 13764V^{(1),\varnothing} \oplus 12488V^{(1),(1)} \oplus 461V^{(1),(2)} \oplus 437V^{(1),(1,1)} \oplus 3046V^{(2),\varnothing} \oplus 461V^{(2),(1)} \oplus 2718V^{(1,1),\varnothing} \oplus 437V^{(1,1),(1)} \oplus 39V^{(3),\varnothing} \oplus 37V^{(2,1),\varnothing} \oplus 28V^{(1,1,1),\varnothing}$
$k = 10: \quad 11255V^{\varnothing,\varnothing} \oplus 12278V^{\varnothing,(1)} \oplus 4674V^{\varnothing,(2)} \oplus 4266V^{\varnothing,(1,1)} \oplus 1190V^{\varnothing,(3)} \oplus 1086V^{\varnothing,(2,1)} \oplus 618V^{\varnothing,(1,1,1)} \oplus 12V^{\varnothing,(4)} \oplus 12V^{\varnothing,(3,1)} \oplus 9V^{\varnothing,(2,1,1)} \oplus 12278V^{(1),\varnothing} \oplus 20570V^{(1),(1)} \oplus 4456V^{(1),(2)} \oplus 4072V^{(1),(1,1)} \oplus 131V^{(1),(3)} \oplus 125V^{(1),(2,1)} \oplus 99V^{(1),(1,1,1)} \oplus 4674V^{(2),\varnothing} \oplus 4456V^{(2),(1)} \oplus 293V^{(2),(2)} \oplus 269V^{(2),(1,1)} \oplus 4266V^{(1,1),\varnothing} \oplus 4072V^{(1,1),(1)} \oplus 269V^{(1,1),(2)} \oplus 253V^{(1,1),(1,1)} \oplus 1190V^{(3),\varnothing} \oplus 131V^{(3),(1)} \oplus 1086V^{(2,1),\varnothing} \oplus 125V^{(2,1),(1)} \oplus 618V^{(1,1,1),\varnothing} \oplus 99V^{(1,1,1),(1)} \oplus 12V^{(4),\varnothing} \oplus 12V^{(3,1),\varnothing} \oplus 9V^{(2,1,1),\varnothing}$
$k = 9: \quad 5235V^{\varnothing,\varnothing} \oplus 7425V^{\varnothing,(1)} \oplus 3400V^{\varnothing,(2)} \oplus 3240V^{\varnothing,(1,1)} \oplus 1470V^{\varnothing,(3)} \oplus 1370V^{\varnothing,(2,1)} \oplus 820V^{\varnothing,(1,1,1)} \oplus 468V^{\varnothing,(4)} \oplus 468V^{\varnothing,(3,1)} \oplus 264V^{\varnothing,(2,1,1)} \oplus 3V^{\varnothing,(5)} \oplus 4V^{\varnothing,(4,1)} \oplus 3V^{\varnothing,(3,1,1)} \oplus 7425V^{(1),\varnothing} \oplus 18152V^{(1),(1)} \oplus 6846V^{(1),(2)} \oplus 6414V^{(1),(1,1)} \oplus 1680V^{(1),(3)} \oplus 1560V^{(1),(2,1)} \oplus 1160V^{(1),(1,1,1)} \oplus 35V^{(1),(4)} \oplus 35V^{(1),(3,1)} \oplus 27V^{(1),(2,1,1)} \oplus 3400V^{(2),\varnothing} \oplus 6846V^{(2),(1)} \oplus 1676V^{(2),(2)} \oplus 1508V^{(2),(1,1)} \oplus 107V^{(2),(3)} \oplus 101V^{(2),(2,1)} \oplus 75V^{(2),(1,1,1)} \oplus 3240V^{(1,1),\varnothing} \oplus 6414V^{(1,1),(1)} \oplus 1508V^{(1,1),(2)} \oplus 1396V^{(1,1),(1,1)} \oplus 89V^{(1,1),(3)} \oplus 85V^{(1,1),(2,1)} \oplus 67V^{(1,1),(1,1,1)} \oplus 1470V^{(3),\varnothing} \oplus 1680V^{(3),(1)} \oplus 107V^{(3),(2)} \oplus 89V^{(3),(1,1)} \oplus 1370V^{(2,1),\varnothing} \oplus 1560V^{(2,1),(1)} \oplus 101V^{(2,1),(2)} \oplus 85V^{(2,1),(1,1)} \oplus 820V^{(1,1,1),\varnothing} \oplus 1160V^{(1,1,1),(1)} \oplus 75V^{(1,1,1),(2)} \oplus 67V^{(1,1,1),(1,1)} \oplus 468V^{(4),\varnothing} \oplus 35V^{(4),(1)} \oplus 468V^{(3,1),\varnothing} \oplus 35V^{(3,1),(1)} \oplus 264V^{(2,1,1),\varnothing} \oplus 27V^{(2,1,1),(1)} \oplus 3V^{(5),\varnothing} \oplus 4V^{(4,1),\varnothing} \oplus 3V^{(3,1,1),\varnothing}$
$k = 8: \quad 1170V^{\varnothing,\varnothing} \oplus 2430V^{\varnothing,(1)} \oplus 1461V^{\varnothing,(2)} \oplus 1461V^{\varnothing,(1,1)} \oplus 760V^{\varnothing,(3)} \oplus 760V^{\varnothing,(2,1)} \oplus 500V^{\varnothing,(1,1,1)} \oplus 390V^{\varnothing,(4)} \oplus 390V^{\varnothing,(3,1)} \oplus 240V^{\varnothing,(2,1,1)} \oplus 106V^{\varnothing,(5)} \oplus 182V^{\varnothing,(4,1)} \oplus 106V^{\varnothing,(3,1,1)} \oplus V^{\varnothing,(5,1)} \oplus V^{\varnothing,(4,1,1)} \oplus 2430V^{(1),\varnothing} \oplus 12068V^{(1),(1)} \oplus 5280V^{(1),(2)} \oplus 5136V^{(1),(1,1)} \oplus 2274V^{(1),(3)} \oplus 2166V^{(1),(2,1)} \oplus 1758V^{(1),(1,1,1)} \oplus 632V^{(1),(4)} \oplus 632V^{(1),(3,1)} \oplus 468V^{(1),(2,1,1)} \oplus 9V^{(1),(5)} \oplus 11V^{(1),(4,1)} \oplus 9V^{(1),(3,1,1)} \oplus 1461V^{(2),\varnothing} \oplus 5280V^{(2),(1)} \oplus 2330V^{(2),(2)} \oplus 2186V^{(2),(1,1)} \oplus 636V^{(2),(3)} \oplus 588V^{(2),(2,1)} \oplus 424V^{(2),(1,1,1)} \oplus 35V^{(2),(4)} \oplus 35V^{(2),(3,1)} \oplus 27V^{(2),(2,1,1)} \oplus 1461V^{(1,1),\varnothing} \oplus 5136V^{(1,1),(1)} \oplus 2186V^{(1,1),(2)} \oplus 2090V^{(1,1),(1,1)} \oplus 564V^{(1,1),(3)} \oplus 532V^{(1,1),(2,1)} \oplus 396V^{(1,1),(1,1,1)} \oplus 25V^{(1,1),(4)} \oplus 25V^{(1,1),(3,1)} \oplus 19V^{(1,1),(2,1,1)} \oplus 760V^{(3),\varnothing} \oplus 2274V^{(3),(1)} \oplus 636V^{(3),(2)} \oplus 564V^{(3),(1,1)} \oplus 71V^{(3),(3)} \oplus 65V^{(3),(2,1)} \oplus 45V^{(3),(1,1,1)} \oplus 760V^{(2,1),\varnothing} \oplus 2166V^{(2,1),(1)} \oplus 588V^{(2,1),(2)} \oplus 532V^{(2,1),(1,1)} \oplus 65V^{(2,1),(3)} \oplus 61V^{(2,1),(2,1)} \oplus 43V^{(2,1),(1,1,1)} \oplus 500V^{(1,1,1),\varnothing} \oplus 1758V^{(1,1,1),(1)} \oplus 424V^{(1,1,1),(2)} \oplus 396V^{(1,1,1),(1,1)} \oplus 45V^{(1,1,1),(3)} \oplus 43V^{(1,1,1),(2,1)} \oplus 34V^{(1,1,1),(1,1,1)} \oplus 390V^{(4),\varnothing} \oplus 632V^{(4),(1)} \oplus 35V^{(4),(2)} \oplus 25V^{(4),(1,1)} \oplus 390V^{(3,1),\varnothing} \oplus 632V^{(3,1),(1)} \oplus 35V^{(3,1),(2)} \oplus 25V^{(3,1),(1,1)} \oplus 240V^{(2,1,1),\varnothing} \oplus 468V^{(2,1,1),(1)} \oplus 27V^{(2,1,1),(2)} \oplus 19V^{(2,1,1),(1,1)} \oplus 106V^{(5),\varnothing} \oplus 9V^{(5),(1)} \oplus 182V^{(4,1),\varnothing} \oplus 11V^{(4,1),(1)} \oplus 106V^{(3,1,1),\varnothing} \oplus 9V^{(3,1,1),(1)} \oplus V^{(5,1),\varnothing} \oplus V^{(4,1,1),\varnothing}$
$k = 7:$ $225V^{\varnothing,\varnothing} \oplus 225V^{\varnothing,(1)} \oplus 165V^{\varnothing,(2)} \oplus 165V^{\varnothing,(1,1)} \oplus 105V^{\varnothing,(3)} \oplus 105V^{\varnothing,(2,1)} \oplus 105V^{\varnothing,(1,1,1)} \oplus 60V^{\varnothing,(4)} \oplus 60V^{\varnothing,(3,1)} \oplus 60V^{\varnothing,(2,1,1)} \oplus 30V^{\varnothing,(5)} \oplus 30V^{\varnothing,(4,1)} \oplus 30V^{\varnothing,(3,1,1)} \oplus 15V^{\varnothing,(5,1)} \oplus 15V^{\varnothing,(4,1,1)} \oplus 225V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1360V^{(1),(3)} \oplus 1360V^{(1),(2,1)} \oplus 1200V^{(1),(1,1,1)} \oplus 650V^{(1),(4)} \oplus 650V^{(1),(3,1)} \oplus 550V^{(1),(2,1,1)} \oplus 204V^{(1),(5)} \oplus 256V^{(1),(4,1)} \oplus 204V^{(1),(3,1,1)} \oplus 3V^{(1),(5,1)} \oplus 3V^{(1),(4,1,1)} \oplus 165V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1580V^{(2),(2)} \oplus 1544V^{(2),(1,1)} \oplus 774V^{(2),(3)} \oplus 738V^{(2),(2,1)} \oplus 594V^{(2),(1,1,1)} \oplus 232V^{(2),(4)} \oplus 232V^{(2),(3,1)} \oplus 168V^{(2),(2,1,1)} \oplus 9V^{(2),(5)} \oplus 11V^{(2),(4,1)} \oplus 9V^{(2),(3,1,1)} \oplus 165V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1544V^{(1,1),(2)} \oplus 1520V^{(1,1),(1,1)} \oplus 738V^{(1,1),(3)} \oplus 714V^{(1,1),(2,1)} \oplus$

Table 50: Table for $\lambda = (5,1,1)$, $\mu = (4,3)$:

$k = 14: \quad 34V^{\varnothing,\varnothing}$
$k = 13: \quad 8062V^{\varnothing,\varnothing} \oplus 293V^{\varnothing,(1)} \oplus 253V^{(1),\varnothing}$
$k = 12: \quad 15192V^{\varnothing,\varnothing} \oplus 7368V^{\varnothing,(1)} \oplus 111V^{\varnothing,(2)} \oplus 108V^{\varnothing,(1,1)} \oplus 7676V^{(1),\varnothing} \oplus 1415V^{(1),(1)} \oplus 92V^{(2),\varnothing} \oplus 85V^{(1,1),\varnothing}$
$k = 11: \quad 14884V^{\varnothing,\varnothing} \oplus 12750V^{\varnothing,(1)} \oplus 2926V^{\varnothing,(2)} \oplus 1958V^{\varnothing,(1,1)} \oplus 37V^{\varnothing,(3)} \oplus 37V^{\varnothing,(2,1)} \oplus 13362V^{(1),\varnothing} \oplus 11600V^{(1),(1)} \oplus 443V^{(1),(2)} \oplus 435V^{(1),(1,1)} \oplus 2920V^{(2),\varnothing} \oplus 407V^{(2),(1)} \oplus 2612V^{(1,1),\varnothing} \oplus 385V^{(1,1),(1)} \oplus 32V^{(3),\varnothing} \oplus 30V^{(2,1),\varnothing} \oplus 22V^{(1,1,1),\varnothing}$
$k = 10: \quad 10976V^{\varnothing,\varnothing} \oplus 11638V^{\varnothing,(1)} \oplus 4566V^{\varnothing,(2)} \oplus 2916V^{\varnothing,(1,1)} \oplus 1086V^{\varnothing,(3)} \oplus 1086V^{\varnothing,(2,1)} \oplus 9V^{\varnothing,(4)} \oplus 12V^{\varnothing,(3,1)} \oplus 11V^{\varnothing,(2,2)} \oplus 11236V^{(1),\varnothing} \oplus 19454V^{(1),(1)} \oplus 4312V^{(1),(2)} \oplus 3552V^{(1),(1,1)} \oplus 125V^{(1),(3)} \oplus 125V^{(1),(2,1)} \oplus 4570V^{(2),\varnothing} \oplus 4120V^{(2),(1)} \oplus 275V^{(2),(2)} \oplus 267V^{(2),(1,1)} \oplus 4180V^{(1,1),\varnothing} \oplus 3816V^{(1,1),(1)} \oplus 257V^{(1,1),(2)} \oplus 251V^{(1,1),(1,1)} \oplus 1160V^{(3),\varnothing} \oplus 101V^{(3),(1)} \oplus 1056V^{(2,1),\varnothing} \oplus 97V^{(2,1),(1)} \oplus 598V^{(1,1,1),\varnothing} \oplus 73V^{(1,1,1),(1)} \oplus 11V^{(4),\varnothing} \oplus 11V^{(3,1),\varnothing} \oplus 8V^{(2,1,1),\varnothing}$
$k = 9: \quad 4770V^{\varnothing,\varnothing} \oplus 7185V^{\varnothing,(1)} \oplus 3400V^{\varnothing,(2)} \oplus 2200V^{\varnothing,(1,1)} \oplus 1370V^{\varnothing,(3)} \oplus 1370V^{\varnothing,(2,1)} \oplus 264V^{\varnothing,(4)} \oplus 468V^{\varnothing,(3,1)} \oplus 316V^{\varnothing,(2,2)} \oplus 3V^{\varnothing,(4,1)} \oplus 4V^{\varnothing,(3,2)} \oplus 7136V^{(1),\varnothing} \oplus 17576V^{(1),(1)} \oplus 6738V^{(1),(2)} \oplus 5514V^{(1),(1,1)} \oplus 1560V^{(1),(3)} \oplus 1560V^{(1),(2,1)} \oplus 27V^{(1),(4)} \oplus 35V^{(1),(3,1)} \oplus 33V^{(1),(2,2)} \oplus 3120V^{(2),\varnothing} \oplus 6522V^{(2),(1)} \oplus 1604V^{(2),(2)} \oplus 1308V^{(2),(1,1)} \oplus 101V^{(2),(3)} \oplus 101V^{(2),(2,1)} \oplus 2960V^{(1,1),\varnothing} \oplus 6198V^{(1,1),(1)} \oplus 1460V^{(1,1),(2)} \oplus 1196V^{(1,1),(1,1)} \oplus 85V^{(1,1),(3)} \oplus 85V^{(1,1),(2,1)} \oplus 1452V^{(3),\varnothing} \oplus 1560V^{(3),(1)} \oplus 95V^{(3),(2)} \oplus 87V^{(3),(1,1)} \oplus 1352V^{(2,1),\varnothing} \oplus 1480V^{(2,1),(1)} \oplus 89V^{(2,1),(2)} \oplus 83V^{(2,1),(1,1)} \oplus 802V^{(1,1,1),\varnothing} \oplus 1120V^{(1,1,1),(1)} \oplus 69V^{(1,1,1),(2)} \oplus 66V^{(1,1,1),(1,1)} \oplus 464V^{(4),\varnothing} \oplus 31V^{(4),(1)} \oplus 464V^{(3,1),\varnothing} \oplus 31V^{(3,1),(1)} \oplus 260V^{(2,1,1),\varnothing} \oplus 25V^{(2,1,1),(1)} \oplus 3V^{(5),\varnothing} \oplus 4V^{(4,1),\varnothing} \oplus 3V^{(3,1,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 2430V^{\varnothing,(1)} \oplus 1461V^{\varnothing,(2)} \oplus 993V^{\varnothing,(1,1)} \oplus 760V^{\varnothing,(3)} \oplus 760V^{\varnothing,(2,1)} \oplus 240V^{\varnothing,(4)} \oplus 390V^{\varnothing,(3,1)} \oplus 240V^{\varnothing,(2,2)} \oplus 106V^{\varnothing,(4,1)} \oplus 182V^{\varnothing,(3,2)} \oplus V^{\varnothing,(4,2)} \oplus V^{\varnothing,(3,3)} \oplus 2196V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 5280V^{(1),(2)} \oplus 4496V^{(1),(1,1)} \oplus 2166V^{(1),(3)} \oplus 2166V^{(1),(2,1)} \oplus 468V^{(1),(4)} \oplus 632V^{(1),(3,1)} \oplus 528V^{(1),(2,2)} \oplus 9V^{(1),(4,1)} \oplus 11V^{(1),(3,2)} \oplus 1356V^{(2),\varnothing} \oplus 5136V^{(2),(1)} \oplus 2294V^{(2),(2)} \oplus 1862V^{(2),(1,1)} \oplus 588V^{(2),(3)} \oplus 588V^{(2),(2,1)} \oplus 27V^{(2),(4)} \oplus 35V^{(2),(3,1)} \oplus 33V^{(2),(2,2)} \oplus 1356V^{(1,1),\varnothing} \oplus 5040V^{(1,1),(1)} \oplus 2162V^{(1,1),(2)} \oplus 1766V^{(1,1),(1,1)} \oplus 532V^{(1,1),(3)} \oplus 532V^{(1,1),(2,1)} \oplus 19V^{(1,1),(4)} \oplus 25V^{(1,1),(3,1)} \oplus 23V^{(1,1),(2,2)} \oplus 688V^{(3),\varnothing} \oplus 2166V^{(3),(1)} \oplus 612V^{(3),(2)} \oplus 484V^{(3),(1,1)} \oplus 65V^{(3),(3)} \oplus 65V^{(3),(2,1)} \oplus 688V^{(2,1),\varnothing} \oplus 2094V^{(2,1),(1)} \oplus 564V^{(2,1),(2)} \oplus 452V^{(2,1),(1,1)} \oplus 61V^{(2,1),(3)} \oplus 61V^{(2,1),(2,1)} \oplus 428V^{(1,1,1),\varnothing} \oplus 1722V^{(1,1,1),(1)} \oplus 412V^{(1,1,1),(2)} \oplus 356V^{(1,1,1),(1,1)} \oplus 43V^{(1,1,1),(3)} \oplus 43V^{(1,1,1),(2,1)} \oplus 384V^{(4),\varnothing} \oplus 592V^{(4),(1)} \oplus 29V^{(4),(2)} \oplus 23V^{(4),(1,1)} \oplus 384V^{(3,1),\varnothing} \oplus 592V^{(3,1),(1)} \oplus 29V^{(3,1),(2)} \oplus 23V^{(3,1),(1,1)} \oplus 234V^{(2,1,1),\varnothing} \oplus 448V^{(2,1,1),(1)} \oplus 21V^{(2,1,1),(2)} \oplus 18V^{(2,1,1),(1,1)} \oplus 104V^{(5),\varnothing} \oplus 7V^{(5),(1)} \oplus 180V^{(4,1),\varnothing} \oplus 9V^{(4,1),(1)} \oplus 104V^{(3,1,1),\varnothing} \oplus 7V^{(3,1,1),(1)} \oplus V^{(5,1),\varnothing} \oplus V^{(4,1,1),\varnothing}$
$k = 7:$ $225V^{\varnothing,(1)} \oplus 165V^{\varnothing,(2)} \oplus 165V^{\varnothing,(1,1)} \oplus 105V^{\varnothing,(3)} \oplus 105V^{\varnothing,(2,1)} \oplus 60V^{\varnothing,(4)} \oplus 60V^{\varnothing,(3,1)} \oplus 60V^{\varnothing,(2,2)} \oplus 30V^{\varnothing,(4,1)} \oplus 30V^{\varnothing,(3,2)} \oplus 15V^{\varnothing,(4,2)} \oplus 15V^{\varnothing,(3,3)} \oplus 196V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2580V^{(1),(1,1)} \oplus 1360V^{(1),(3)} \oplus 1360V^{(1),(2,1)} \oplus 550V^{(1),(4)} \oplus 650V^{(1),(3,1)} \oplus 550V^{(1),(2,2)} \oplus 204V^{(1),(4,1)} \oplus 256V^{(1),(3,2)} \oplus 3V^{(1),(4,2)} \oplus 3V^{(1),(3,3)} \oplus 126V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1580V^{(2),(2)} \oplus 1352V^{(2),(1,1)} \oplus 738V^{(2),(3)} \oplus 738V^{(2),(2,1)} \oplus 168V^{(2),(4)} \oplus 232V^{(2),(3,1)} \oplus 192V^{(2),(2,2)} \oplus 9V^{(2),(4,1)} \oplus 11V^{(2),(3,2)} \oplus 126V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1544V^{(1,1),(2)} \oplus 1328V^{(1,1),(1,1)} \oplus 714V^{(1,1),(3)} \oplus 714V^{(1,1),(2,1)} \oplus 160V^{(1,1),(4)} \oplus 216V^{(1,1),(3,1)} \oplus 176V^{(1,1),(2,2)} \oplus 7V^{(1,1),(4,1)} \oplus 9V^{(1,1),(3,2)} \oplus 84V^{(3),\varnothing} \oplus 1360V^{(3),(1)} \oplus 774V^{(3),(2)} \oplus 630V^{(3),(1,1)} \oplus 236V^{(3),(3)} \oplus 236V^{(3),(2,1)} \oplus 21V^{(3),(4)} \oplus 29V^{(3),(3,1)} \oplus 27V^{(3),(2,2)} \oplus 84V^{(2,1),\varnothing} \oplus 1360V^{(2,1),(1)} \oplus 738V^{(2,1),(2)} \oplus 606V^{(2,1),(1,1)} \oplus 220V^{(2,1),(3)} \oplus 220V^{(2,1),(2,1)} \oplus 19V^{(2,1),(4)} \oplus 25V^{(2,1),(3,1)} \oplus 23V^{(2,1),(2,2)} \oplus 84V^{(1,1,1),\varnothing} \oplus 1200V^{(1,1,1),(1)} \oplus$

Table 51: Table for $\lambda = (5,1,1)$, $\mu = (4,2,1)$:

$k = 14: \quad 180V^{\varnothing,\varnothing}$
$k = 13: \quad 8865V^{\varnothing,\varnothing} \oplus 392V^{\varnothing,(1)} \oplus 736V^{(1),\varnothing}$
$k = 12: \quad 16218V^{\varnothing,\varnothing} \oplus 8538V^{\varnothing,(1)} \oplus 144V^{\varnothing,(2)} \oplus 142V^{\varnothing,(1,1)} \oplus 9852V^{(1),\varnothing} \oplus 1823V^{(1),(1)} \oplus 174V^{(2),\varnothing} \oplus 166V^{(1,1),\varnothing}$
$k = 11: \quad 16189V^{\varnothing,\varnothing} \oplus 14202V^{\varnothing,(1)} \oplus 3450V^{\varnothing,(2)} \oplus 3242V^{\varnothing,(1,1)} \oplus 45V^{\varnothing,(3)} \oplus 48V^{\varnothing,(2,1)} \oplus 36V^{\varnothing,(1,1,1)} \oplus 16836V^{(1),\varnothing} \oplus 13304V^{(1),(1)} \oplus 557V^{(1),(2)} \oplus 551V^{(1),(1,1)} \oplus 3598V^{(2),\varnothing} \oplus 647V^{(2),(1)} \oplus 3270V^{(1,1),\varnothing} \oplus 617V^{(1,1),(1)} \oplus 43V^{(3),\varnothing} \oplus 41V^{(2,1),\varnothing} \oplus 32V^{(1,1,1),\varnothing}$
$k = 10: \quad 12155V^{\varnothing,\varnothing} \oplus 12422V^{\varnothing,(1)} \oplus 5082V^{\varnothing,(2)} \oplus 4782V^{\varnothing,(1,1)} \oplus 1250V^{\varnothing,(3)} \oplus 1658V^{\varnothing,(2,1)} \oplus 782V^{\varnothing,(1,1,1)} \oplus 11V^{\varnothing,(4)} \oplus 15V^{\varnothing,(3,1)} \oplus 12V^{\varnothing,(2,2)} \oplus 12V^{\varnothing,(2,1,1)} \oplus 15998V^{(1),\varnothing} \oplus 21038V^{(1),(1)} \oplus 4984V^{(1),(2)} \oplus 4744V^{(1),(1,1)} \oplus 149V^{(1),(3)} \oplus 157V^{(1),(2,1)} \oplus 123V^{(1),(1,1,1)} \oplus 5674V^{(2),\varnothing} \oplus 4696V^{(2),(1)} \oplus 365V^{(2),(2)} \oplus 359V^{(2),(1,1)} \oplus 5266V^{(1,1),\varnothing} \oplus 4264V^{(1,1),(1)} \oplus 333V^{(1,1),(2)} \oplus 329V^{(1,1),(1,1)} \oplus 1390V^{(3),\varnothing} \oplus 167V^{(3),(1)} \oplus 1286V^{(2,1),\varnothing} \oplus 161V^{(2,1),(1)} \oplus 818V^{(1,1,1),\varnothing} \oplus 129V^{(1,1,1),(1)} \oplus 12V^{(4),\varnothing} \oplus 12V^{(3,1),\varnothing} \oplus 9V^{(2,1,1),\varnothing}$
$k = 9: \quad 5610V^{\varnothing,\varnothing} \oplus 7425V^{\varnothing,(1)} \oplus 3560V^{\varnothing,(2)} \oplus 3400V^{\varnothing,(1,1)} \oplus 1470V^{\varnothing,(3)} \oplus 2020V^{\varnothing,(2,1)} \oplus 920V^{\varnothing,(1,1,1)} \oplus 316V^{\varnothing,(4)} \oplus 672V^{\varnothing,(3,1)} \oplus 468V^{\varnothing,(2,2)} \oplus 468V^{\varnothing,(2,1,1)} \oplus 4V^{\varnothing,(4,1)} \oplus 4V^{\varnothing,(3,2)} \oplus 4V^{\varnothing,(3,1,1)} \oplus 3V^{\varnothing,(2,2,1)} \oplus 11665V^{(1),\varnothing} \oplus 18260V^{(1),(1)} \oplus 7278V^{(1),(2)} \oplus 6954V^{(1),(1,1)} \oplus 1752V^{(1),(3)} \oplus 2080V^{(1),(2,1)} \oplus 1352V^{(1),(1,1,1)} \oplus 33V^{(1),(4)} \oplus 43V^{(1),(3,1)} \oplus 35V^{(1),(2,2)} \oplus 35V^{(1),(2,1,1)} \oplus 4520V^{(2),\varnothing} \oplus 6954V^{(2),(1)} \oplus 1892V^{(2),(2)} \oplus 1796V^{(2),(1,1)} \oplus 125V^{(2),(3)} \oplus 133V^{(2),(2,1)} \oplus 99V^{(2),(1,1,1)} \oplus 4360V^{(1,1),\varnothing} \oplus 6486V^{(1,1),(1)} \oplus 1668V^{(1,1),(2)} \oplus 1604V^{(1,1),(1,1)} \oplus 101V^{(1,1),(3)} \oplus 107V^{(1,1),(2,1)} \oplus 83V^{(1,1),(1,1,1)} \oplus 1830V^{(3),\varnothing} \oplus 1728V^{(3),(1)} \oplus 149V^{(3),(2)} \oplus 143V^{(3),(1,1)} \oplus 1730V^{(2,1),\varnothing} \oplus 1608V^{(2,1),(1)} \oplus 141V^{(2,1),(2)} \oplus 137V^{(2,1),(1,1)} \oplus 1180V^{(1,1,1),\varnothing} \oplus 1184V^{(1,1,1),(1)} \oplus 107V^{(1,1,1),(2)} \oplus 105V^{(1,1,1),(1,1)} \oplus 548V^{(4),\varnothing} \oplus 41V^{(4),(1)} \oplus 548V^{(3,1),\varnothing} \oplus 41V^{(3,1),(1)} \oplus 344V^{(2,1,1),\varnothing} \oplus 33V^{(2,1,1),(1)} \oplus 3V^{(5),\varnothing} \oplus 4V^{(4,1),\varnothing} \oplus 3V^{(3,1,1),\varnothing}$
$k = 8: \quad 1245V^{\varnothing,\varnothing} \oplus 2430V^{\varnothing,(1)} \oplus 1461V^{\varnothing,(2)} \oplus 1461V^{\varnothing,(1,1)} \oplus 760V^{\varnothing,(3)} \oplus 1020V^{\varnothing,(2,1)} \oplus 500V^{\varnothing,(1,1,1)} \oplus 240V^{\varnothing,(4)} \oplus 540V^{\varnothing,(3,1)} \oplus 390V^{\varnothing,(2,2)} \oplus 390V^{\varnothing,(2,1,1)} \oplus 182V^{\varnothing,(4,1)} \oplus 182V^{\varnothing,(3,2)} \oplus 182V^{\varnothing,(3,1,1)} \oplus 106V^{\varnothing,(2,2,1)} \oplus V^{\varnothing,(4,2)} \oplus V^{\varnothing,(4,1,1)} \oplus V^{\varnothing,(3,2,1)} \oplus 5640V^{(1),\varnothing} \oplus 12068V^{(1),(1)} \oplus 5424V^{(1),(2)} \oplus 5280V^{(1),(1,1)} \oplus 2274V^{(1),(3)} \oplus 2682V^{(1),(2,1)} \oplus 1866V^{(1),(1,1,1)} \oplus 528V^{(1),(4)} \oplus 796V^{(1),(3,1)} \oplus 632V^{(1),(2,2)} \oplus 632V^{(1),(2,1,1)} \oplus 11V^{(1),(4,1)} \oplus 11V^{(1),(3,2)} \oplus 11V^{(1),(3,1,1)} \oplus 9V^{(1),(2,2,1)} \oplus 2511V^{(2),\varnothing} \oplus 5280V^{(2),(1)} \oplus 2474V^{(2),(2)} \oplus 2366V^{(2),(1,1)} \oplus 672V^{(2),(3)} \oplus 800V^{(2),(2,1)} \oplus 508V^{(2),(1,1,1)} \oplus 33V^{(2),(4)} \oplus 43V^{(2),(3,1)} \oplus 35V^{(2),(2,2)} \oplus 35V^{(2),(2,1,1)} \oplus 2511V^{(1,1),\varnothing} \oplus 5136V^{(1,1),(1)} \oplus 2282V^{(1,1),(2)} \oplus 2210V^{(1,1),(1,1)} \oplus 588V^{(1,1),(3)} \oplus 700V^{(1,1),(2,1)} \oplus 452V^{(1,1),(1,1,1)} \oplus 23V^{(1,1),(4)} \oplus 31V^{(1,1),(3,1)} \oplus 25V^{(1,1),(2,2)} \oplus 25V^{(1,1),(2,1,1)} \oplus 1080V^{(3),\varnothing} \oplus 2274V^{(3),(1)} \oplus 708V^{(3),(2)} \oplus 660V^{(3),(1,1)} \oplus 83V^{(3),(3)} \oplus 91V^{(3),(2,1)} \oplus 63V^{(3),(1,1,1)} \oplus 1080V^{(2,1),\varnothing} \oplus 2166V^{(2,1),(1)} \oplus 644V^{(2,1),(2)} \oplus 612V^{(2,1),(1,1)} \oplus 77V^{(2,1),(3)} \oplus 83V^{(2,1),(2,1)} \oplus 59V^{(2,1),(1,1,1)} \oplus 820V^{(1,1,1),\varnothing} \oplus 1758V^{(1,1,1),(1)} \oplus 452V^{(1,1,1),(2)} \oplus 436V^{(1,1,1),(1,1)} \oplus 51V^{(1,1,1),(3)} \oplus 54V^{(1,1,1),(2,1)} \oplus 42V^{(1,1,1),(1,1,1)} \oplus 510V^{(4),\varnothing} \oplus 632V^{(4),(1)} \oplus 45V^{(4),(2)} \oplus 41V^{(4),(1,1)} \oplus 510V^{(3,1),\varnothing} \oplus 632V^{(3,1),(1)} \oplus 45V^{(3,1),(2)} \oplus 41V^{(3,1),(1,1)} \oplus 360V^{(2,1,1),\varnothing} \oplus 468V^{(2,1,1),(1)} \oplus 35V^{(2,1,1),(2)} \oplus 33V^{(2,1,1),(1,1)} \oplus 146V^{(5),\varnothing} \oplus 9V^{(5),(1)} \oplus 222V^{(4,1),\varnothing} \oplus 11V^{(4,1),(1)} \oplus 146V^{(3,1,1),\varnothing} \oplus 9V^{(3,1,1),(1)} \oplus V^{(5,1),\varnothing} \oplus V^{(4,1,1),\varnothing}$
$k = 7: \quad 225V^{\varnothing,(1)} \oplus 165V^{\varnothing,(2)} \oplus 165V^{\varnothing,(1,1)} \oplus 105V^{\varnothing,(3)} \oplus 105V^{\varnothing,(2,1)} \oplus 105V^{\varnothing,(1,1,1)} \oplus 60V^{\varnothing,(4)} \oplus 60V^{\varnothing,(3,1)} \oplus 60V^{\varnothing,(2,2)} \oplus 60V^{\varnothing,(2,1,1)} \oplus 30V^{\varnothing,(4,1)} \oplus 30V^{\varnothing,(3,2)} \oplus 30V^{\varnothing,(3,1,1)} \oplus 30V^{\varnothing,(2,2,1)} \oplus 15V^{\varnothing,(4,2)} \oplus 15V^{\varnothing,(4,1,1)} \oplus 15V^{\varnothing,(3,2,1)} \oplus 1225V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1360V^{(1),(3)} \oplus 1520V^{(1),(2,1)} \oplus 1200V^{(1),(1,1,1)} \oplus 550V^{(1),(4)} \oplus 750V^{(1),(3,1)} \oplus 650V^{(1),(2,2)} \oplus 650V^{(1),(2,1,1)} \oplus 256V^{(1),(4,1)} \oplus 256V^{(1),(3,2)} \oplus 256V^{(1),(3,1,1)} \oplus 204V^{(1),(2,2,1)} \oplus 3V^{(1),(4,2)} \oplus 3V^{(1),(4,1,1)} \oplus 3V^{(1),(3,2,1)} \oplus 700V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1616V^{(2),(2)} \oplus 1580V^{(2),(1,1)} \oplus 774V^{(2),(3)} \oplus 918V^{(2),(2,1)} \oplus 630V^{(2),(1,1,1)} \oplus 192V^{(2),(4)} \oplus 296V^{(2),(3,1)} \oplus 232V^{(2),(2,2)} \oplus 232V^{(2),(2,1,1)} \oplus 11V^{(2),(4,1)} \oplus 11V^{(2),(3,2)} \oplus 11V^{(2),(3,1,1)} \oplus$

Table 52: Table for $\lambda = (5,1,1)$, $\mu = (4,1,1,1)$:

$k = 14: \quad 180V^{\varnothing,\varnothing}$
$k = 13: \quad 8640V^{\varnothing,\varnothing} \oplus 320V^{\varnothing,(1)} \oplus 422V^{(1),\varnothing}$
$k = 12: \quad 15768V^{\varnothing,\varnothing} \oplus 8280V^{\varnothing,(1)} \oplus 117V^{\varnothing,(2)} \oplus 117V^{\varnothing,(1,1)} \oplus 8504V^{(1),\varnothing} \oplus 1511V^{(1),(1)} \oplus 134V^{(2),\varnothing} \oplus 126V^{(1,1),\varnothing}$
$k = 11: \quad 15514V^{\varnothing,\varnothing} \oplus 14088V^{\varnothing,(1)} \oplus 3046V^{\varnothing,(2)} \oplus 3046V^{\varnothing,(1,1)} \oplus 37V^{\varnothing,(3)} \oplus 39V^{\varnothing,(2,1)} \oplus 37V^{\varnothing,(1,1,1)} \oplus 14532V^{(1),\varnothing} \oplus 12776V^{(1),(1)} \oplus 461V^{(1),(2)} \oplus 461V^{(1),(1,1)} \oplus 3184V^{(2),\varnothing} \oplus 479V^{(2),(1)} \oplus 2856V^{(1,1),\varnothing} \oplus 449V^{(1,1),(1)} \oplus 40V^{(3),\varnothing} \oplus 38V^{(2,1),\varnothing} \oplus 29V^{(1,1,1),\varnothing}$
$k = 10: \quad 11480V^{\varnothing,\varnothing} \oplus 12422V^{\varnothing,(1)} \oplus 4674V^{\varnothing,(2)} \oplus 4674V^{\varnothing,(1,1)} \oplus 1086V^{\varnothing,(3)} \oplus 1190V^{\varnothing,(2,1)} \oplus 1086V^{\varnothing,(1,1,1)} \oplus 9V^{\varnothing,(4)} \oplus 12V^{\varnothing,(3,1)} \oplus 12V^{\varnothing,(2,1,1)} \oplus 9V^{\varnothing,(1,1,1,1)} \oplus 13208V^{(1),\varnothing} \oplus 20894V^{(1),(1)} \oplus 4456V^{(1),(2)} \oplus 4456V^{(1),(1,1)} \oplus 125V^{(1),(3)} \oplus 131V^{(1),(2,1)} \oplus 125V^{(1),(1,1,1)} \oplus 4924V^{(2),\varnothing} \oplus 4600V^{(2),(1)} \oplus 293V^{(2),(2)} \oplus 293V^{(2),(1,1)} \oplus 4516V^{(1,1),\varnothing} \oplus 4168V^{(1,1),(1)} \oplus 269V^{(1,1),(2)} \oplus 269V^{(1,1),(1,1)} \oplus 1240V^{(3),\varnothing} \oplus 143V^{(3),(1)} \oplus 1136V^{(2,1),\varnothing} \oplus 137V^{(2,1),(1)} \oplus 668V^{(1,1,1),\varnothing} \oplus 105V^{(1,1,1),(1)} \oplus 12V^{(4),\varnothing} \oplus 12V^{(3,1),\varnothing} \oplus 9V^{(2,1,1),\varnothing}$
$k = 9: \quad 5160V^{\varnothing,\varnothing} \oplus 7425V^{\varnothing,(1)} \oplus 3400V^{\varnothing,(2)} \oplus 3400V^{\varnothing,(1,1)} \oplus 1370V^{\varnothing,(3)} \oplus 1470V^{\varnothing,(2,1)} \oplus 1370V^{\varnothing,(1,1,1)} \oplus 264V^{\varnothing,(4)} \oplus 468V^{\varnothing,(3,1)} \oplus 468V^{\varnothing,(2,1,1)} \oplus 264V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(4,1)} \oplus 4V^{\varnothing,(3,1,1)} \oplus 3V^{\varnothing,(2,1,1,1)} \oplus 8600V^{(1),\varnothing} \oplus 18260V^{(1),(1)} \oplus 6846V^{(1),(2)} \oplus 6846V^{(1),(1,1)} \oplus 1560V^{(1),(3)} \oplus 1680V^{(1),(2,1)} \oplus 1560V^{(1),(1,1,1)} \oplus 27V^{(1),(4)} \oplus 35V^{(1),(3,1)} \oplus 35V^{(1),(2,1,1)} \oplus 27V^{(1),(1,1,1,1)} \oplus 3680V^{(2),\varnothing} \oplus 6954V^{(2),(1)} \oplus 1676V^{(2),(2)} \oplus 1676V^{(2),(1,1)} \oplus 101V^{(2),(3)} \oplus 107V^{(2),(2,1)} \oplus 101V^{(2),(1,1,1)} \oplus 3520V^{(1,1),\varnothing} \oplus 6486V^{(1,1),(1)} \oplus 1508V^{(1,1),(2)} \oplus 1508V^{(1,1),(1,1)} \oplus 85V^{(1,1),(3)} \oplus 89V^{(1,1),(2,1)} \oplus 85V^{(1,1),(1,1,1)} \oplus 1560V^{(3),\varnothing} \oplus 1728V^{(3),(1)} \oplus 107V^{(3),(2)} \oplus 107V^{(3),(1,1)} \oplus 1460V^{(2,1),\varnothing} \oplus 1608V^{(2,1),(1)} \oplus 101V^{(2,1),(2)} \oplus 101V^{(2,1),(1,1)} \oplus 910V^{(1,1,1),\varnothing} \oplus 1184V^{(1,1,1),(1)} \oplus 75V^{(1,1,1),(2)} \oplus 75V^{(1,1,1),(1,1)} \oplus 488V^{(4),\varnothing} \oplus 41V^{(4),(1)} \oplus 488V^{(3,1),\varnothing} \oplus 41V^{(3,1),(1)} \oplus 284V^{(2,1,1),\varnothing} \oplus 33V^{(2,1,1),(1)} \oplus 3V^{(5),\varnothing} \oplus 4V^{(4,1),\varnothing} \oplus 3V^{(3,1,1),\varnothing}$
$k = 8: \quad 1020V^{\varnothing,\varnothing} \oplus 2430V^{\varnothing,(1)} \oplus 1461V^{\varnothing,(2)} \oplus 1461V^{\varnothing,(1,1)} \oplus 760V^{\varnothing,(3)} \oplus 760V^{\varnothing,(2,1)} \oplus 760V^{\varnothing,(1,1,1)} \oplus 240V^{\varnothing,(4)} \oplus 390V^{\varnothing,(3,1)} \oplus 390V^{\varnothing,(2,1,1)} \oplus 240V^{\varnothing,(1,1,1,1)} \oplus 106V^{\varnothing,(4,1)} \oplus 182V^{\varnothing,(3,1,1)} \oplus 106V^{\varnothing,(2,1,1,1)} \oplus V^{\varnothing,(4,1,1)} \oplus V^{\varnothing,(3,1,1,1)} \oplus 3120V^{(1),\varnothing} \oplus 12068V^{(1),(1)} \oplus 5280V^{(1),(2)} \oplus 5280V^{(1),(1,1)} \oplus 2166V^{(1),(3)} \oplus 2274V^{(1),(2,1)} \oplus 2166V^{(1),(1,1,1)} \oplus 468V^{(1),(4)} \oplus 632V^{(1),(3,1)} \oplus 632V^{(1),(2,1,1)} \oplus 468V^{(1),(1,1,1,1)} \oplus 9V^{(1),(4,1)} \oplus 11V^{(1),(3,1,1)} \oplus 9V^{(1),(2,1,1,1)} \oplus 1736V^{(2),\varnothing} \oplus 5280V^{(2),(1)} \oplus 2330V^{(2),(2)} \oplus 2330V^{(2),(1,1)} \oplus 588V^{(2),(3)} \oplus 636V^{(2),(2,1)} \oplus 588V^{(2),(1,1,1)} \oplus 27V^{(2),(4)} \oplus 35V^{(2),(3,1)} \oplus 35V^{(2),(2,1,1)} \oplus 27V^{(2),(1,1,1,1)} \oplus 1736V^{(1,1),\varnothing} \oplus 5136V^{(1,1),(1)} \oplus 2186V^{(1,1),(2)} \oplus 2186V^{(1,1),(1,1)} \oplus 532V^{(1,1),(3)} \oplus 564V^{(1,1),(2,1)} \oplus 532V^{(1,1),(1,1,1)} \oplus 19V^{(1,1),(4)} \oplus 25V^{(1,1),(3,1)} \oplus 25V^{(1,1),(2,1,1)} \oplus 19V^{(1,1),(1,1,1,1)} \oplus 840V^{(3),\varnothing} \oplus 2274V^{(3),(1)} \oplus 636V^{(3),(2)} \oplus 636V^{(3),(1,1)} \oplus 65V^{(3),(3)} \oplus 71V^{(3),(2,1)} \oplus 65V^{(3),(1,1,1)} \oplus 840V^{(2,1),\varnothing} \oplus 2166V^{(2,1),(1)} \oplus 588V^{(2,1),(2)} \oplus 588V^{(2,1),(1,1)} \oplus 61V^{(2,1),(3)} \oplus 65V^{(2,1),(2,1)} \oplus 61V^{(2,1),(1,1,1)} \oplus 580V^{(1,1,1),\varnothing} \oplus 1758V^{(1,1,1),(1)} \oplus 424V^{(1,1,1),(2)} \oplus 424V^{(1,1,1),(1,1)} \oplus 43V^{(1,1,1),(3)} \oplus 45V^{(1,1,1),(2,1)} \oplus 43V^{(1,1,1),(1,1,1)} \oplus 420V^{(4),\varnothing} \oplus 632V^{(4),(1)} \oplus 35V^{(4),(2)} \oplus 35V^{(4),(1,1)} \oplus 420V^{(3,1),\varnothing} \oplus 632V^{(3,1),(1)} \oplus 35V^{(3,1),(2)} \oplus 35V^{(3,1),(1,1)} \oplus 270V^{(2,1,1),\varnothing} \oplus 468V^{(2,1,1),(1)} \oplus 27V^{(2,1,1),(2)} \oplus 27V^{(2,1,1),(1,1)} \oplus 116V^{(5),\varnothing} \oplus 9V^{(5),(1)} \oplus 192V^{(4,1),\varnothing} \oplus 11V^{(4,1),(1)} \oplus 116V^{(3,1,1),\varnothing} \oplus 9V^{(3,1,1),(1)} \oplus V^{(5,1),\varnothing} \oplus V^{(4,1,1),\varnothing}$
$k = 7: \quad 225V^{\varnothing,(1)} \oplus 165V^{\varnothing,(2)} \oplus 165V^{\varnothing,(1,1)} \oplus 105V^{\varnothing,(3)} \oplus 105V^{\varnothing,(2,1)} \oplus 105V^{\varnothing,(1,1,1)} \oplus 60V^{\varnothing,(4)} \oplus 60V^{\varnothing,(3,1)} \oplus 60V^{\varnothing,(2,1,1)} \oplus 60V^{\varnothing,(1,1,1,1)} \oplus 30V^{\varnothing,(4,1)} \oplus 30V^{\varnothing,(3,1,1)} \oplus 30V^{\varnothing,(2,1,1,1)} \oplus 15V^{\varnothing,(4,1,1)} \oplus 15V^{\varnothing,(3,1,1,1)} \oplus 400V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1360V^{(1),(3)} \oplus 1360V^{(1),(2,1)} \oplus 1360V^{(1),(1,1,1)} \oplus 550V^{(1),(4)} \oplus 650V^{(1),(3,1)} \oplus 650V^{(1),(2,1,1)} \oplus 550V^{(1),(1,1,1,1)} \oplus 204V^{(1),(4,1)} \oplus 256V^{(1),(3,1,1)} \oplus 204V^{(1),(2,1,1,1)} \oplus 3V^{(1),(4,1,1)} \oplus 3V^{(1),(3,1,1,1)} \oplus 280V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1580V^{(2),(2)} \oplus 1580V^{(2),(1,1)} \oplus 738V^{(2),(3)} \oplus 774V^{(2),(2,1)} \oplus 738V^{(2),(1,1,1)} \oplus 168V^{(2),(4)} \oplus 232V^{(2),(3,1)} \oplus 232V^{(2),(2,1,1)} \oplus 168V^{(2),(1,1,1,1)} \oplus 9V^{(2),(4,1)} \oplus 11V^{(2),(3,1,1)} \oplus 9V^{(2),(2,1,1,1)} \oplus 280V^{(1,1),\varnothing} \oplus$

Table 53: Table for $\lambda = (5,1,1)$, $\mu = (3,3,1)$:

$k = 14: \quad 63V^{\varnothing,\varnothing}$
$k = 13: \quad 8475V^{\varnothing,\varnothing} \oplus 314V^{\varnothing,(1)} \oplus 545V^{(1),\varnothing}$
$k = 12: \quad 15748V^{\varnothing,\varnothing} \oplus 8040V^{\varnothing,(1)} \oplus 117V^{\varnothing,(2)} \oplus 117V^{\varnothing,(1,1)} \oplus 8700V^{(1),\varnothing} \oplus 1493V^{(1),(1)} \oplus 156V^{(2),\varnothing} \oplus 148V^{(1,1),\varnothing}$
$k = 11: \quad 15553V^{\varnothing,\varnothing} \oplus 13764V^{\varnothing,(1)} \oplus 3046V^{\varnothing,(2)} \oplus 3046V^{\varnothing,(1,1)} \oplus 36V^{\varnothing,(3)} \oplus 40V^{\varnothing,(2,1)} \oplus 30V^{\varnothing,(1,1,1)} \oplus 14718V^{(1),\varnothing} \oplus 12488V^{(1),(1)} \oplus 461V^{(1),(2)} \oplus 461V^{(1),(1,1)} \oplus 3226V^{(2),\varnothing} \oplus 461V^{(2),(1)} \oplus 2898V^{(1,1),\varnothing} \oplus 437V^{(1,1),(1)} \oplus 42V^{(3),\varnothing} \oplus 40V^{(2,1),\varnothing} \oplus 31V^{(1,1,1),\varnothing}$
$k = 10: \quad 11210V^{\varnothing,\varnothing} \oplus 12278V^{\varnothing,(1)} \oplus 4674V^{\varnothing,(2)} \oplus 4674V^{\varnothing,(1,1)} \oplus 782V^{\varnothing,(3)} \oplus 1494V^{\varnothing,(2,1)} \oplus 722V^{\varnothing,(1,1,1)} \oplus 12V^{\varnothing,(3,1)} \oplus 12V^{\varnothing,(2,2)} \oplus 10V^{\varnothing,(2,1,1)} \oplus 13394V^{(1),\varnothing} \oplus 20570V^{(1),(1)} \oplus 4456V^{(1),(2)} \oplus 4456V^{(1),(1,1)} \oplus 123V^{(1),(3)} \oplus 133V^{(1),(2,1)} \oplus 105V^{(1),(1,1,1)} \oplus 4974V^{(2),\varnothing} \oplus 4456V^{(2),(1)} \oplus 293V^{(2),(2)} \oplus 293V^{(2),(1,1)} \oplus 4566V^{(1,1),\varnothing} \oplus 4072V^{(1,1),(1)} \oplus 269V^{(1,1),(2)} \oplus 269V^{(1,1),(1,1)} \oplus 1250V^{(3),\varnothing} \oplus 131V^{(3),(1)} \oplus 1146V^{(2,1),\varnothing} \oplus 125V^{(2,1),(1)} \oplus 678V^{(1,1,1),\varnothing} \oplus 99V^{(1,1,1),(1)} \oplus 12V^{(4),\varnothing} \oplus 12V^{(3,1),\varnothing} \oplus 9V^{(2,1,1),\varnothing}$
$k = 9: \quad 4875V^{\varnothing,\varnothing} \oplus 7425V^{\varnothing,(1)} \oplus 3400V^{\varnothing,(2)} \oplus 3400V^{\varnothing,(1,1)} \oplus 920V^{\varnothing,(3)} \oplus 1920V^{\varnothing,(2,1)} \oplus 920V^{\varnothing,(1,1,1)} \oplus 468V^{\varnothing,(3,1)} \oplus 468V^{\varnothing,(2,2)} \oplus 416V^{\varnothing,(2,1,1)} \oplus 4V^{\varnothing,(3,2)} \oplus 3V^{\varnothing,(3,1,1)} \oplus 3V^{\varnothing,(2,2,1)} \oplus 8634V^{(1),\varnothing} \oplus 18152V^{(1),(1)} \oplus 6846V^{(1),(2)} \oplus 6846V^{(1),(1,1)} \oplus 1352V^{(1),(3)} \oplus 1888V^{(1),(2,1)} \oplus 1280V^{(1),(1,1,1)} \oplus 35V^{(1),(3,1)} \oplus 35V^{(1),(2,2)} \oplus 29V^{(1),(2,1,1)} \oplus 3736V^{(2),\varnothing} \oplus 6846V^{(2),(1)} \oplus 1676V^{(2),(2)} \oplus 1676V^{(2),(1,1)} \oplus 99V^{(2),(3)} \oplus 109V^{(2),(2,1)} \oplus 81V^{(2),(1,1,1)} \oplus 3576V^{(1,1),\varnothing} \oplus 6414V^{(1,1),(1)} \oplus 1508V^{(1,1),(2)} \oplus 1508V^{(1,1),(1,1)} \oplus 83V^{(1,1),(3)} \oplus 91V^{(1,1),(2,1)} \oplus 71V^{(1,1),(1,1,1)} \oplus 1578V^{(3),\varnothing} \oplus 1680V^{(3),(1)} \oplus 107V^{(3),(2)} \oplus 107V^{(3),(1,1)} \oplus 1478V^{(2,1),\varnothing} \oplus 1560V^{(2,1),(1)} \oplus 101V^{(2,1),(2)} \oplus 101V^{(2,1),(1,1)} \oplus 928V^{(1,1,1),\varnothing} \oplus 1160V^{(1,1,1),(1)} \oplus 75V^{(1,1,1),(2)} \oplus 75V^{(1,1,1),(1,1)} \oplus 492V^{(4),\varnothing} \oplus 35V^{(4),(1)} \oplus 492V^{(3,1),\varnothing} \oplus 35V^{(3,1),(1)} \oplus 288V^{(2,1,1),\varnothing} \oplus 27V^{(2,1,1),(1)} \oplus 3V^{(5),\varnothing} \oplus 4V^{(4,1),\varnothing} \oplus 3V^{(3,1,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 2430V^{\varnothing,(1)} \oplus 1461V^{\varnothing,(2)} \oplus 1461V^{\varnothing,(1,1)} \oplus 500V^{\varnothing,(3)} \oplus 1020V^{\varnothing,(2,1)} \oplus 500V^{\varnothing,(1,1,1)} \oplus 390V^{\varnothing,(3,1)} \oplus 390V^{\varnothing,(2,2)} \oplus 390V^{\varnothing,(2,1,1)} \oplus 182V^{\varnothing,(3,2)} \oplus 106V^{\varnothing,(3,1,1)} \oplus 106V^{\varnothing,(2,2,1)} \oplus V^{\varnothing,(3,3)} \oplus V^{\varnothing,(3,2,1)} \oplus 3456V^{(1),\varnothing} \oplus 12068V^{(1),(1)} \oplus 5280V^{(1),(2)} \oplus 5280V^{(1),(1,1)} \oplus 1866V^{(1),(3)} \oplus 2574V^{(1),(2,1)} \oplus 1866V^{(1),(1,1,1)} \oplus 632V^{(1),(3,1)} \oplus 632V^{(1),(2,2)} \oplus 572V^{(1),(2,1,1)} \oplus 11V^{(1),(3,2)} \oplus 9V^{(1),(3,1,1)} \oplus 9V^{(1),(2,2,1)} \oplus 1776V^{(2),\varnothing} \oplus 5280V^{(2),(1)} \oplus 2330V^{(2),(2)} \oplus 2330V^{(2),(1,1)} \oplus 508V^{(2),(3)} \oplus 716V^{(2),(2,1)} \oplus 472V^{(2),(1,1,1)} \oplus 35V^{(2),(3,1)} \oplus 35V^{(2),(2,2)} \oplus 29V^{(2),(2,1,1)} \oplus 1776V^{(1,1),\varnothing} \oplus 5136V^{(1,1),(1)} \oplus 2186V^{(1,1),(2)} \oplus 2186V^{(1,1),(1,1)} \oplus 452V^{(1,1),(3)} \oplus 644V^{(1,1),(2,1)} \oplus 428V^{(1,1),(1,1,1)} \oplus 25V^{(1,1),(3,1)} \oplus 25V^{(1,1),(2,2)} \oplus 21V^{(1,1),(2,1,1)} \oplus 856V^{(3),\varnothing} \oplus 2274V^{(3),(1)} \oplus 636V^{(3),(2)} \oplus 636V^{(3),(1,1)} \oplus 63V^{(3),(3)} \oplus 73V^{(3),(2,1)} \oplus 51V^{(3),(1,1,1)} \oplus 856V^{(2,1),\varnothing} \oplus 2166V^{(2,1),(1)} \oplus 588V^{(2,1),(2)} \oplus 588V^{(2,1),(1,1)} \oplus 59V^{(2,1),(3)} \oplus 67V^{(2,1),(2,1)} \oplus 47V^{(2,1),(1,1,1)} \oplus 596V^{(1,1,1),\varnothing} \oplus 1758V^{(1,1,1),(1)} \oplus 424V^{(1,1,1),(2)} \oplus 424V^{(1,1,1),(1,1)} \oplus 42V^{(1,1,1),(3)} \oplus 46V^{(1,1,1),(2,1)} \oplus 36V^{(1,1,1),(1,1,1)} \oplus 426V^{(4),\varnothing} \oplus 632V^{(4),(1)} \oplus 35V^{(4),(2)} \oplus 35V^{(4),(1,1)} \oplus 426V^{(3,1),\varnothing} \oplus 632V^{(3,1),(1)} \oplus 35V^{(3,1),(2)} \oplus 35V^{(3,1),(1,1)} \oplus 276V^{(2,1,1),\varnothing} \oplus 468V^{(2,1,1),(1)} \oplus 27V^{(2,1,1),(2)} \oplus 27V^{(2,1,1),(1,1)} \oplus 118V^{(5),\varnothing} \oplus 9V^{(5),(1)} \oplus 194V^{(4,1),\varnothing} \oplus 11V^{(4,1),(1)} \oplus 118V^{(3,1,1),\varnothing} \oplus 9V^{(3,1,1),(1)} \oplus V^{(5,1),\varnothing} \oplus V^{(4,1,1),\varnothing}$
$k = 7: \quad 225V^{\varnothing,(1)} \oplus 165V^{\varnothing,(2)} \oplus 165V^{\varnothing,(1,1)} \oplus 105V^{\varnothing,(3)} \oplus 105V^{\varnothing,(2,1)} \oplus 105V^{\varnothing,(1,1,1)} \oplus 60V^{\varnothing,(3,1)} \oplus 60V^{\varnothing,(2,2)} \oplus 60V^{\varnothing,(2,1,1)} \oplus 30V^{\varnothing,(3,2)} \oplus 30V^{\varnothing,(3,1,1)} \oplus 30V^{\varnothing,(2,2,1)} \oplus 15V^{\varnothing,(3,3)} \oplus 15V^{\varnothing,(3,2,1)} \oplus 441V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1200V^{(1),(3)} \oplus 1520V^{(1),(2,1)} \oplus 1200V^{(1),(1,1,1)} \oplus 650V^{(1),(3,1)} \oplus 650V^{(1),(2,2)} \oplus 650V^{(1),(2,1,1)} \oplus 256V^{(1),(3,2)} \oplus 204V^{(1),(3,1,1)} \oplus 204V^{(1),(2,2,1)} \oplus 3V^{(1),(3,3)} \oplus 3V^{(1),(3,2,1)} \oplus 336V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1580V^{(2),(2)} \oplus 1580V^{(2),(1,1)} \oplus 630V^{(2),(3)} \oplus 882V^{(2),(2,1)} \oplus 630V^{(2),(1,1,1)} \oplus 232V^{(2),(3,1)} \oplus 232V^{(2),(2,2)} \oplus 208V^{(2),(2,1,1)} \oplus 11V^{(2),(3,2)} \oplus 9V^{(2),(3,1,1)} \oplus 9V^{(2),(2,2,1)} \oplus 336V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1544V^{(1,1),(2)} \oplus$

Table 54: Table for $\lambda = (5,1,1)$, $\mu = (3,2,2)$:

$k = 14: \quad 63V^{\varnothing,\varnothing}$
$k = 13: \quad 8475V^{\varnothing,\varnothing} \oplus 314V^{\varnothing,(1)} \oplus 545V^{(1),\varnothing}$
$k = 12: \quad 15748V^{\varnothing,\varnothing} \oplus 8040V^{\varnothing,(1)} \oplus 117V^{\varnothing,(2)} \oplus 117V^{\varnothing,(1,1)} \oplus 8700V^{(1),\varnothing} \oplus 1493V^{(1),(1)} \oplus 156V^{(2),\varnothing} \oplus 148V^{(1,1),\varnothing}$
$k = 11: \quad 15553V^{\varnothing,\varnothing} \oplus 13764V^{\varnothing,(1)} \oplus 3046V^{\varnothing,(2)} \oplus 3046V^{\varnothing,(1,1)} \oplus 30V^{\varnothing,(3)} \oplus 40V^{\varnothing,(2,1)} \oplus 36V^{\varnothing,(1,1,1)} \oplus 14718V^{(1),\varnothing} \oplus 12488V^{(1),(1)} \oplus 461V^{(1),(2)} \oplus 461V^{(1),(1,1)} \oplus 3226V^{(2),\varnothing} \oplus 461V^{(2),(1)} \oplus 2898V^{(1,1),\varnothing} \oplus 437V^{(1,1),(1)} \oplus 42V^{(3),\varnothing} \oplus 40V^{(2,1),\varnothing} \oplus 31V^{(1,1,1),\varnothing}$
$k = 10: \quad 11210V^{\varnothing,\varnothing} \oplus 12278V^{\varnothing,(1)} \oplus 4674V^{\varnothing,(2)} \oplus 4674V^{\varnothing,(1,1)} \oplus 722V^{\varnothing,(3)} \oplus 1494V^{\varnothing,(2,1)} \oplus 782V^{\varnothing,(1,1,1)} \oplus 10V^{\varnothing,(3,1)} \oplus 12V^{\varnothing,(2,2)} \oplus 12V^{\varnothing,(2,1,1)} \oplus 13394V^{(1),\varnothing} \oplus 20570V^{(1),(1)} \oplus 4456V^{(1),(2)} \oplus 4456V^{(1),(1,1)} \oplus 105V^{(1),(3)} \oplus 133V^{(1),(2,1)} \oplus 123V^{(1),(1,1,1)} \oplus 4974V^{(2),\varnothing} \oplus 4456V^{(2),(1)} \oplus 293V^{(2),(2)} \oplus 293V^{(2),(1,1)} \oplus 4566V^{(1,1),\varnothing} \oplus 4072V^{(1,1),(1)} \oplus 269V^{(1,1),(2)} \oplus 269V^{(1,1),(1,1)} \oplus 1250V^{(3),\varnothing} \oplus 131V^{(3),(1)} \oplus 1146V^{(2,1),\varnothing} \oplus 125V^{(2,1),(1)} \oplus 678V^{(1,1,1),\varnothing} \oplus 99V^{(1,1,1),(1)} \oplus 12V^{(4),\varnothing} \oplus 12V^{(3,1),\varnothing} \oplus 9V^{(2,1,1),\varnothing}$
$k = 9: \quad 4875V^{\varnothing,\varnothing} \oplus 7425V^{\varnothing,(1)} \oplus 3400V^{\varnothing,(2)} \oplus 3400V^{\varnothing,(1,1)} \oplus 920V^{\varnothing,(3)} \oplus 1920V^{\varnothing,(2,1)} \oplus 920V^{\varnothing,(1,1,1)} \oplus 416V^{\varnothing,(3,1)} \oplus 468V^{\varnothing,(2,2)} \oplus 468V^{\varnothing,(2,1,1)} \oplus 3V^{\varnothing,(3,2)} \oplus 3V^{\varnothing,(3,1,1)} \oplus 4V^{\varnothing,(2,2,1)} \oplus 8634V^{(1),\varnothing} \oplus 18152V^{(1),(1)} \oplus 6846V^{(1),(2)} \oplus 6846V^{(1),(1,1)} \oplus 1280V^{(1),(3)} \oplus 1888V^{(1),(2,1)} \oplus 1352V^{(1),(1,1,1)} \oplus 29V^{(1),(3,1)} \oplus 35V^{(1),(2,2)} \oplus 35V^{(1),(2,1,1)} \oplus 3736V^{(2),\varnothing} \oplus 6846V^{(2),(1)} \oplus 1676V^{(2),(2)} \oplus 1676V^{(2),(1,1)} \oplus 81V^{(2),(3)} \oplus 109V^{(2),(2,1)} \oplus 99V^{(2),(1,1,1)} \oplus 3576V^{(1,1),\varnothing} \oplus 6414V^{(1,1),(1)} \oplus 1508V^{(1,1),(2)} \oplus 1508V^{(1,1),(1,1)} \oplus 71V^{(1,1),(3)} \oplus 91V^{(1,1),(2,1)} \oplus 83V^{(1,1),(1,1,1)} \oplus 1578V^{(3),\varnothing} \oplus 1680V^{(3),(1)} \oplus 107V^{(3),(2)} \oplus 107V^{(3),(1,1)} \oplus 1478V^{(2,1),\varnothing} \oplus 1560V^{(2,1),(1)} \oplus 101V^{(2,1),(2)} \oplus 101V^{(2,1),(1,1)} \oplus 928V^{(1,1,1),\varnothing} \oplus 1160V^{(1,1,1),(1)} \oplus 75V^{(1,1,1),(2)} \oplus 75V^{(1,1,1),(1,1)} \oplus 492V^{(4),\varnothing} \oplus 35V^{(4),(1)} \oplus 492V^{(3,1),\varnothing} \oplus 35V^{(3,1),(1)} \oplus 288V^{(2,1,1),\varnothing} \oplus 27V^{(2,1,1),(1)} \oplus 3V^{(5),\varnothing} \oplus 4V^{(4,1),\varnothing} \oplus 3V^{(3,1,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 2430V^{\varnothing,(1)} \oplus 1461V^{\varnothing,(2)} \oplus 1461V^{\varnothing,(1,1)} \oplus 500V^{\varnothing,(3)} \oplus 1020V^{\varnothing,(2,1)} \oplus 500V^{\varnothing,(1,1,1)} \oplus 390V^{\varnothing,(3,1)} \oplus 390V^{\varnothing,(2,2)} \oplus 390V^{\varnothing,(2,1,1)} \oplus 106V^{\varnothing,(3,2)} \oplus 106V^{\varnothing,(3,1,1)} \oplus 182V^{\varnothing,(2,2,1)} \oplus V^{\varnothing,(3,2,1)} \oplus V^{\varnothing,(2,2,2)} \oplus 3456V^{(1),\varnothing} \oplus 12068V^{(1),(1)} \oplus 5280V^{(1),(2)} \oplus 5280V^{(1),(1,1)} \oplus 1866V^{(1),(3)} \oplus 2574V^{(1),(2,1)} \oplus 1866V^{(1),(1,1,1)} \oplus 572V^{(1),(3,1)} \oplus 632V^{(1),(2,2)} \oplus 632V^{(1),(2,1,1)} \oplus 9V^{(1),(3,2)} \oplus 9V^{(1),(3,1,1)} \oplus 11V^{(1),(2,2,1)} \oplus 1776V^{(2),\varnothing} \oplus 5280V^{(2),(1)} \oplus 2330V^{(2),(2)} \oplus 2330V^{(2),(1,1)} \oplus 472V^{(2),(3)} \oplus 716V^{(2),(2,1)} \oplus 508V^{(2),(1,1,1)} \oplus 29V^{(2),(3,1)} \oplus 35V^{(2),(2,2)} \oplus 35V^{(2),(2,1,1)} \oplus 1776V^{(1,1),\varnothing} \oplus 5136V^{(1,1),(1)} \oplus 2186V^{(1,1),(2)} \oplus 2186V^{(1,1),(1,1)} \oplus 428V^{(1,1),(3)} \oplus 644V^{(1,1),(2,1)} \oplus 452V^{(1,1),(1,1,1)} \oplus 21V^{(1,1),(3,1)} \oplus 25V^{(1,1),(2,2)} \oplus 25V^{(1,1),(2,1,1)} \oplus 856V^{(3),\varnothing} \oplus 2274V^{(3),(1)} \oplus 636V^{(3),(2)} \oplus 636V^{(3),(1,1)} \oplus 51V^{(3),(3)} \oplus 73V^{(3),(2,1)} \oplus 63V^{(3),(1,1,1)} \oplus 856V^{(2,1),\varnothing} \oplus 2166V^{(2,1),(1)} \oplus 588V^{(2,1),(2)} \oplus 588V^{(2,1),(1,1)} \oplus 47V^{(2,1),(3)} \oplus 67V^{(2,1),(2,1)} \oplus 59V^{(2,1),(1,1,1)} \oplus 596V^{(1,1,1),\varnothing} \oplus 1758V^{(1,1,1),(1)} \oplus 424V^{(1,1,1),(2)} \oplus 424V^{(1,1,1),(1,1)} \oplus 36V^{(1,1,1),(3)} \oplus 46V^{(1,1,1),(2,1)} \oplus 42V^{(1,1,1),(1,1,1)} \oplus 426V^{(4),\varnothing} \oplus 632V^{(4),(1)} \oplus 35V^{(4),(2)} \oplus 35V^{(4),(1,1)} \oplus 426V^{(3,1),\varnothing} \oplus 632V^{(3,1),(1)} \oplus 35V^{(3,1),(2)} \oplus 35V^{(3,1),(1,1)} \oplus 276V^{(2,1,1),\varnothing} \oplus 468V^{(2,1,1),(1)} \oplus 27V^{(2,1,1),(2)} \oplus 27V^{(2,1,1),(1,1)} \oplus 118V^{(5),\varnothing} \oplus 9V^{(5),(1)} \oplus 194V^{(4,1),\varnothing} \oplus 11V^{(4,1),(1)} \oplus 118V^{(3,1,1),\varnothing} \oplus 9V^{(3,1,1),(1)} \oplus V^{(5,1),\varnothing} \oplus V^{(4,1,1),\varnothing}$
$k = 7: \quad 225V^{\varnothing,(1)} \oplus 165V^{\varnothing,(2)} \oplus 165V^{\varnothing,(1,1)} \oplus 105V^{\varnothing,(3)} \oplus 105V^{\varnothing,(2,1)} \oplus 105V^{\varnothing,(1,1,1)} \oplus 60V^{\varnothing,(3,1)} \oplus 60V^{\varnothing,(2,2)} \oplus 60V^{\varnothing,(2,1,1)} \oplus 30V^{\varnothing,(3,2)} \oplus 30V^{\varnothing,(3,1,1)} \oplus 30V^{\varnothing,(2,2,1)} \oplus 15V^{\varnothing,(3,2,1)} \oplus 15V^{\varnothing,(2,2,2)} \oplus 441V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1200V^{(1),(3)} \oplus 1520V^{(1),(2,1)} \oplus 1200V^{(1),(1,1,1)} \oplus 650V^{(1),(3,1)} \oplus 650V^{(1),(2,2)} \oplus 650V^{(1),(2,1,1)} \oplus 204V^{(1),(3,2)} \oplus 204V^{(1),(3,1,1)} \oplus 256V^{(1),(2,2,1)} \oplus 3V^{(1),(3,2,1)} \oplus 3V^{(1),(2,2,2)} \oplus 336V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1580V^{(2),(2)} \oplus 1580V^{(2),(1,1)} \oplus 630V^{(2),(3)} \oplus 882V^{(2),(2,1)} \oplus 630V^{(2),(1,1,1)} \oplus 208V^{(2),(3,1)} \oplus 232V^{(2),(2,2)} \oplus 232V^{(2),(2,1,1)} \oplus 9V^{(2),(3,2)} \oplus 9V^{(2),(3,1,1)} \oplus 11V^{(2),(2,2,1)} \oplus 336V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1544V^{(1,1),(2)} \oplus$

Table 55: Table for $\lambda = (5,1,1)$, $\mu = (3,2,1,1)$:

$k = 14: \quad 63V^{\varnothing,\varnothing}$
$k = 13: \quad 8685V^{\varnothing,\varnothing} \oplus 392V^{\varnothing,(1)} \oplus 736V^{(1),\varnothing}$
$k = 12: \quad 16168V^{\varnothing,\varnothing} \oplus 8538V^{\varnothing,(1)} \oplus 142V^{\varnothing,(2)} \oplus 144V^{\varnothing,(1,1)} \oplus 9852V^{(1),\varnothing} \oplus 1823V^{(1),(1)} \oplus 174V^{(2),\varnothing} \oplus 166V^{(1,1),\varnothing}$
$k = 11: \quad 16183V^{\varnothing,\varnothing} \oplus 14202V^{\varnothing,(1)} \oplus 3242V^{\varnothing,(2)} \oplus 3450V^{\varnothing,(1,1)} \oplus 36V^{\varnothing,(3)} \oplus 48V^{\varnothing,(2,1)} \oplus 45V^{\varnothing,(1,1,1)} \oplus 16836V^{(1),\varnothing} \oplus 13304V^{(1),(1)} \oplus 551V^{(1),(2)} \oplus 557V^{(1),(1,1)} \oplus 3598V^{(2),\varnothing} \oplus 647V^{(2),(1)} \oplus 3270V^{(1,1),\varnothing} \oplus 617V^{(1,1),(1)} \oplus 43V^{(3),\varnothing} \oplus 41V^{(2,1),\varnothing} \oplus 32V^{(1,1,1),\varnothing}$
$k = 10: \quad 11630V^{\varnothing,\varnothing} \oplus 12422V^{\varnothing,(1)} \oplus 4782V^{\varnothing,(2)} \oplus 5082V^{\varnothing,(1,1)} \oplus 782V^{\varnothing,(3)} \oplus 1658V^{\varnothing,(2,1)} \oplus 1250V^{\varnothing,(1,1,1)} \oplus 12V^{\varnothing,(3,1)} \oplus 12V^{\varnothing,(2,2)} \oplus 15V^{\varnothing,(2,1,1)} \oplus 11V^{\varnothing,(1,1,1,1)} \oplus 15998V^{(1),\varnothing} \oplus 21038V^{(1),(1)} \oplus 4744V^{(1),(2)} \oplus 4984V^{(1),(1,1)} \oplus 123V^{(1),(3)} \oplus 157V^{(1),(2,1)} \oplus 149V^{(1),(1,1,1)} \oplus 5674V^{(2),\varnothing} \oplus 4696V^{(2),(1)} \oplus 359V^{(2),(2)} \oplus 365V^{(2),(1,1)} \oplus 5266V^{(1,1),\varnothing} \oplus 4264V^{(1,1),(1)} \oplus 329V^{(1,1),(2)} \oplus 333V^{(1,1),(1,1)} \oplus 1390V^{(3),\varnothing} \oplus 167V^{(3),(1)} \oplus 1286V^{(2,1),\varnothing} \oplus 161V^{(2,1),(1)} \oplus 818V^{(1,1,1),\varnothing} \oplus 129V^{(1,1,1),(1)} \oplus 12V^{(4),\varnothing} \oplus 12V^{(3,1),\varnothing} \oplus 9V^{(2,1,1),\varnothing}$
$k = 9: \quad 5085V^{\varnothing,\varnothing} \oplus 7425V^{\varnothing,(1)} \oplus 3400V^{\varnothing,(2)} \oplus 3560V^{\varnothing,(1,1)} \oplus 920V^{\varnothing,(3)} \oplus 2020V^{\varnothing,(2,1)} \oplus 1470V^{\varnothing,(1,1,1)} \oplus 468V^{\varnothing,(3,1)} \oplus 468V^{\varnothing,(2,2)} \oplus 672V^{\varnothing,(2,1,1)} \oplus 316V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(3,2)} \oplus 4V^{\varnothing,(3,1,1)} \oplus 4V^{\varnothing,(2,2,1)} \oplus 4V^{\varnothing,(2,1,1,1)} \oplus 11665V^{(1),\varnothing} \oplus 18260V^{(1),(1)} \oplus 6954V^{(1),(2)} \oplus 7278V^{(1),(1,1)} \oplus 1352V^{(1),(3)} \oplus 2080V^{(1),(2,1)} \oplus 1752V^{(1),(1,1,1)} \oplus 35V^{(1),(3,1)} \oplus 35V^{(1),(2,2)} \oplus 43V^{(1),(2,1,1)} \oplus 33V^{(1),(1,1,1,1)} \oplus 4520V^{(2),\varnothing} \oplus 6954V^{(2),(1)} \oplus 1796V^{(2),(2)} \oplus 1892V^{(2),(1,1)} \oplus 99V^{(2),(3)} \oplus 133V^{(2),(2,1)} \oplus 125V^{(2),(1,1,1)} \oplus 4360V^{(1,1),\varnothing} \oplus 6486V^{(1,1),(1)} \oplus 1604V^{(1,1),(2)} \oplus 1668V^{(1,1),(1,1)} \oplus 83V^{(1,1),(3)} \oplus 107V^{(1,1),(2,1)} \oplus 101V^{(1,1),(1,1,1)} \oplus 1830V^{(3),\varnothing} \oplus 1728V^{(3),(1)} \oplus 143V^{(3),(2)} \oplus 149V^{(3),(1,1)} \oplus 1730V^{(2,1),\varnothing} \oplus 1608V^{(2,1),(1)} \oplus 137V^{(2,1),(2)} \oplus 141V^{(2,1),(1,1)} \oplus 1180V^{(1,1,1),\varnothing} \oplus 1184V^{(1,1,1),(1)} \oplus 105V^{(1,1,1),(2)} \oplus 107V^{(1,1,1),(1,1)} \oplus 548V^{(4),\varnothing} \oplus 41V^{(4),(1)} \oplus 548V^{(3,1),\varnothing} \oplus 41V^{(3,1),(1)} \oplus 344V^{(2,1,1),\varnothing} \oplus 33V^{(2,1,1),(1)} \oplus 3V^{(5),\varnothing} \oplus 4V^{(4,1),\varnothing} \oplus 3V^{(3,1,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 2430V^{\varnothing,(1)} \oplus 1461V^{\varnothing,(2)} \oplus 1461V^{\varnothing,(1,1)} \oplus 500V^{\varnothing,(3)} \oplus 1020V^{\varnothing,(2,1)} \oplus 760V^{\varnothing,(1,1,1)} \oplus 390V^{\varnothing,(3,1)} \oplus 390V^{\varnothing,(2,2)} \oplus 540V^{\varnothing,(2,1,1)} \oplus 240V^{\varnothing,(1,1,1,1)} \oplus 106V^{\varnothing,(3,2)} \oplus 182V^{\varnothing,(3,1,1)} \oplus 182V^{\varnothing,(2,2,1)} \oplus 182V^{\varnothing,(2,1,1,1)} \oplus V^{\varnothing,(3,2,1)} \oplus V^{\varnothing,(3,1,1,1)} \oplus V^{\varnothing,(2,2,1,1)} \oplus 5640V^{(1),\varnothing} \oplus 12068V^{(1),(1)} \oplus 5280V^{(1),(2)} \oplus 5424V^{(1),(1,1)} \oplus 1866V^{(1),(3)} \oplus 2682V^{(1),(2,1)} \oplus 2274V^{(1),(1,1,1)} \oplus 632V^{(1),(3,1)} \oplus 632V^{(1),(2,2)} \oplus 796V^{(1),(2,1,1)} \oplus 528V^{(1),(1,1,1,1)} \oplus 9V^{(1),(3,2)} \oplus 11V^{(1),(3,1,1)} \oplus 11V^{(1),(2,2,1)} \oplus 11V^{(1),(2,1,1,1)} \oplus 2511V^{(2),\varnothing} \oplus 5280V^{(2),(1)} \oplus 2366V^{(2),(2)} \oplus 2474V^{(2),(1,1)} \oplus 508V^{(2),(3)} \oplus 800V^{(2),(2,1)} \oplus 672V^{(2),(1,1,1)} \oplus 35V^{(2),(3,1)} \oplus 35V^{(2),(2,2)} \oplus 43V^{(2),(2,1,1)} \oplus 33V^{(2),(1,1,1,1)} \oplus 2511V^{(1,1),\varnothing} \oplus 5136V^{(1,1),(1)} \oplus 2210V^{(1,1),(2)} \oplus 2282V^{(1,1),(1,1)} \oplus 452V^{(1,1),(3)} \oplus 700V^{(1,1),(2,1)} \oplus 588V^{(1,1),(1,1,1)} \oplus 25V^{(1,1),(3,1)} \oplus 25V^{(1,1),(2,2)} \oplus 31V^{(1,1),(2,1,1)} \oplus 23V^{(1,1),(1,1,1,1)} \oplus 1080V^{(3),\varnothing} \oplus 2274V^{(3),(1)} \oplus 660V^{(3),(2)} \oplus 708V^{(3),(1,1)} \oplus 63V^{(3),(3)} \oplus 91V^{(3),(2,1)} \oplus 83V^{(3),(1,1,1)} \oplus 1080V^{(2,1),\varnothing} \oplus 2166V^{(2,1),(1)} \oplus 612V^{(2,1),(2)} \oplus 644V^{(2,1),(1,1)} \oplus 59V^{(2,1),(3)} \oplus 83V^{(2,1),(2,1)} \oplus 77V^{(2,1),(1,1,1)} \oplus 820V^{(1,1,1),\varnothing} \oplus 1758V^{(1,1,1),(1)} \oplus 436V^{(1,1,1),(2)} \oplus 452V^{(1,1,1),(1,1)} \oplus 42V^{(1,1,1),(3)} \oplus 54V^{(1,1,1),(2,1)} \oplus 51V^{(1,1,1),(1,1,1)} \oplus 510V^{(4),\varnothing} \oplus 632V^{(4),(1)} \oplus 41V^{(4),(2)} \oplus 45V^{(4),(1,1)} \oplus 510V^{(3,1),\varnothing} \oplus 632V^{(3,1),(1)} \oplus 41V^{(3,1),(2)} \oplus 45V^{(3,1),(1,1)} \oplus 360V^{(2,1,1),\varnothing} \oplus 468V^{(2,1,1),(1)} \oplus 33V^{(2,1,1),(2)} \oplus 35V^{(2,1,1),(1,1)} \oplus 146V^{(5),\varnothing} \oplus 9V^{(5),(1)} \oplus 222V^{(4,1),\varnothing} \oplus 11V^{(4,1),(1)} \oplus 146V^{(3,1,1),\varnothing} \oplus 9V^{(3,1,1),(1)} \oplus V^{(5,1),\varnothing} \oplus V^{(4,1,1),\varnothing}$
$k = 7: \quad 225V^{\varnothing,(1)} \oplus 165V^{\varnothing,(2)} \oplus 165V^{\varnothing,(1,1)} \oplus 105V^{\varnothing,(3)} \oplus 105V^{\varnothing,(2,1)} \oplus 105V^{\varnothing,(1,1,1)} \oplus 60V^{\varnothing,(3,1)} \oplus 60V^{\varnothing,(2,2)} \oplus 60V^{\varnothing,(2,1,1)} \oplus 60V^{\varnothing,(1,1,1,1)} \oplus 30V^{\varnothing,(3,2)} \oplus 30V^{\varnothing,(3,1,1)} \oplus 30V^{\varnothing,(2,2,1)} \oplus 30V^{\varnothing,(2,1,1,1)} \oplus 15V^{\varnothing,(3,2,1)} \oplus 15V^{\varnothing,(3,1,1,1)} \oplus 15V^{\varnothing,(2,2,1,1)} \oplus 1225V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1200V^{(1),(3)} \oplus 1520V^{(1),(2,1)} \oplus 1360V^{(1),(1,1,1)} \oplus 650V^{(1),(3,1)} \oplus 650V^{(1),(2,2)} \oplus 750V^{(1),(2,1,1)} \oplus 550V^{(1),(1,1,1,1)} \oplus 204V^{(1),(3,2)} \oplus 256V^{(1),(3,1,1)} \oplus 256V^{(1),(2,2,1)} \oplus 256V^{(1),(2,1,1,1)} \oplus 3V^{(1),(3,2,1)} \oplus 3V^{(1),(3,1,1,1)} \oplus 3V^{(1),(2,2,1,1)} \oplus 700V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1580V^{(2),(2)} \oplus 1616V^{(2),(1,1)} \oplus$

Table 56: Table for $\lambda = (5,1,1)$, $\mu = (3,1,1,1,1)$:

$k = 14: \quad 63V^{\varnothing,\varnothing}$
$k = 13: \quad 8385V^{\varnothing,\varnothing} \oplus 314V^{\varnothing,(1)} \oplus 314V^{(1),\varnothing}$
$k = 12: \quad 15568V^{\varnothing,\varnothing} \oplus 8040V^{\varnothing,(1)} \oplus 109V^{\varnothing,(2)} \oplus 117V^{\varnothing,(1,1)} \oplus 8040V^{(1),\varnothing} \oplus 1493V^{(1),(1)} \oplus 117V^{(2),\varnothing} \oplus 109V^{(1,1),\varnothing}$
$k = 11: \quad 15283V^{\varnothing,\varnothing} \oplus 13764V^{\varnothing,(1)} \oplus 2718V^{\varnothing,(2)} \oplus 3046V^{\varnothing,(1,1)} \oplus 28V^{\varnothing,(3)} \oplus 37V^{\varnothing,(2,1)} \oplus 39V^{\varnothing,(1,1,1)} \oplus 13764V^{(1),\varnothing} \oplus 12488V^{(1),(1)} \oplus 437V^{(1),(2)} \oplus 461V^{(1),(1,1)} \oplus 3046V^{(2),\varnothing} \oplus 461V^{(2),(1)} \oplus 2718V^{(1,1),\varnothing} \oplus 437V^{(1,1),(1)} \oplus 39V^{(3),\varnothing} \oplus 37V^{(2,1),\varnothing} \oplus 28V^{(1,1,1),\varnothing}$
$k = 10: \quad 11030V^{\varnothing,\varnothing} \oplus 12278V^{\varnothing,(1)} \oplus 4266V^{\varnothing,(2)} \oplus 4674V^{\varnothing,(1,1)} \oplus 618V^{\varnothing,(3)} \oplus 1086V^{\varnothing,(2,1)} \oplus 1190V^{\varnothing,(1,1,1)} \oplus 9V^{\varnothing,(3,1)} \oplus 12V^{\varnothing,(2,1,1)} \oplus 12V^{\varnothing,(1,1,1,1)} \oplus 12278V^{(1),\varnothing} \oplus 20570V^{(1),(1)} \oplus 4072V^{(1),(2)} \oplus 4456V^{(1),(1,1)} \oplus 99V^{(1),(3)} \oplus 125V^{(1),(2,1)} \oplus 131V^{(1),(1,1,1)} \oplus 4674V^{(2),\varnothing} \oplus 4456V^{(2),(1)} \oplus 269V^{(2),(2)} \oplus 293V^{(2),(1,1)} \oplus 4266V^{(1,1),\varnothing} \oplus 4072V^{(1,1),(1)} \oplus 253V^{(1,1),(2)} \oplus 269V^{(1,1),(1,1)} \oplus 1190V^{(3),\varnothing} \oplus 131V^{(3),(1)} \oplus 1086V^{(2,1),\varnothing} \oplus 125V^{(2,1),(1)} \oplus 618V^{(1,1,1),\varnothing} \oplus 99V^{(1,1,1),(1)} \oplus 12V^{(4),\varnothing} \oplus 12V^{(3,1),\varnothing} \oplus 9V^{(2,1,1),\varnothing}$
$k = 9: \quad 4785V^{\varnothing,\varnothing} \oplus 7425V^{\varnothing,(1)} \oplus 3240V^{\varnothing,(2)} \oplus 3400V^{\varnothing,(1,1)} \oplus 820V^{\varnothing,(3)} \oplus 1370V^{\varnothing,(2,1)} \oplus 1470V^{\varnothing,(1,1,1)} \oplus 264V^{\varnothing,(3,1)} \oplus 468V^{\varnothing,(2,1,1)} \oplus 468V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(3,1,1)} \oplus 4V^{\varnothing,(2,1,1,1)} \oplus 3V^{\varnothing,(1,1,1,1,1)} \oplus 7425V^{(1),\varnothing} \oplus 18152V^{(1),(1)} \oplus 6414V^{(1),(2)} \oplus 6846V^{(1),(1,1)} \oplus 1160V^{(1),(3)} \oplus 1560V^{(1),(2,1)} \oplus 1680V^{(1),(1,1,1)} \oplus 27V^{(1),(3,1)} \oplus 35V^{(1),(2,1,1)} \oplus 35V^{(1),(1,1,1,1)} \oplus 3400V^{(2),\varnothing} \oplus 6846V^{(2),(1)} \oplus 1508V^{(2),(2)} \oplus 1676V^{(2),(1,1)} \oplus 75V^{(2),(3)} \oplus 101V^{(2),(2,1)} \oplus 107V^{(2),(1,1,1)} \oplus 3240V^{(1,1),\varnothing} \oplus 6414V^{(1,1),(1)} \oplus 1396V^{(1,1),(2)} \oplus 1508V^{(1,1),(1,1)} \oplus 67V^{(1,1),(3)} \oplus 85V^{(1,1),(2,1)} \oplus 89V^{(1,1),(1,1,1)} \oplus 1470V^{(3),\varnothing} \oplus 1680V^{(3),(1)} \oplus 89V^{(3),(2)} \oplus 107V^{(3),(1,1)} \oplus 1370V^{(2,1),\varnothing} \oplus 1560V^{(2,1),(1)} \oplus 85V^{(2,1),(2)} \oplus 101V^{(2,1),(1,1)} \oplus 820V^{(1,1,1),\varnothing} \oplus 1160V^{(1,1,1),(1)} \oplus 67V^{(1,1,1),(2)} \oplus 75V^{(1,1,1),(1,1)} \oplus 468V^{(4),\varnothing} \oplus 35V^{(4),(1)} \oplus 468V^{(3,1),\varnothing} \oplus 35V^{(3,1),(1)} \oplus 264V^{(2,1,1),\varnothing} \oplus 27V^{(2,1,1),(1)} \oplus 3V^{(5),\varnothing} \oplus 4V^{(4,1),\varnothing} \oplus 3V^{(3,1,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 2430V^{\varnothing,(1)} \oplus 1461V^{\varnothing,(2)} \oplus 1461V^{\varnothing,(1,1)} \oplus 500V^{\varnothing,(3)} \oplus 760V^{\varnothing,(2,1)} \oplus 760V^{\varnothing,(1,1,1)} \oplus 240V^{\varnothing,(3,1)} \oplus 390V^{\varnothing,(2,1,1)} \oplus 390V^{\varnothing,(1,1,1,1)} \oplus 106V^{\varnothing,(3,1,1)} \oplus 182V^{\varnothing,(2,1,1,1)} \oplus 106V^{\varnothing,(1,1,1,1,1)} \oplus V^{\varnothing,(3,1,1,1)} \oplus V^{\varnothing,(2,1,1,1,1)} \oplus 2430V^{(1),\varnothing} \oplus 12068V^{(1),(1)} \oplus 5136V^{(1),(2)} \oplus 5280V^{(1),(1,1)} \oplus 1758V^{(1),(3)} \oplus 2166V^{(1),(2,1)} \oplus 2274V^{(1),(1,1,1)} \oplus 468V^{(1),(3,1)} \oplus 632V^{(1),(2,1,1)} \oplus 632V^{(1),(1,1,1,1)} \oplus 9V^{(1),(3,1,1)} \oplus 11V^{(1),(2,1,1,1)} \oplus 9V^{(1),(1,1,1,1,1)} \oplus 1461V^{(2),\varnothing} \oplus 5280V^{(2),(1)} \oplus 2186V^{(2),(2)} \oplus 2330V^{(2),(1,1)} \oplus 424V^{(2),(3)} \oplus 588V^{(2),(2,1)} \oplus 636V^{(2),(1,1,1)} \oplus 27V^{(2),(3,1)} \oplus 35V^{(2),(2,1,1)} \oplus 35V^{(2),(1,1,1,1)} \oplus 1461V^{(1,1),\varnothing} \oplus 5136V^{(1,1),(1)} \oplus 2090V^{(1,1),(2)} \oplus 2186V^{(1,1),(1,1)} \oplus 396V^{(1,1),(3)} \oplus 532V^{(1,1),(2,1)} \oplus 564V^{(1,1),(1,1,1)} \oplus 19V^{(1,1),(3,1)} \oplus 25V^{(1,1),(2,1,1)} \oplus 25V^{(1,1),(1,1,1,1)} \oplus 760V^{(3),\varnothing} \oplus 2274V^{(3),(1)} \oplus 564V^{(3),(2)} \oplus 636V^{(3),(1,1)} \oplus 45V^{(3),(3)} \oplus 65V^{(3),(2,1)} \oplus 71V^{(3),(1,1,1)} \oplus 760V^{(2,1),\varnothing} \oplus 2166V^{(2,1),(1)} \oplus 532V^{(2,1),(2)} \oplus 588V^{(2,1),(1,1)} \oplus 43V^{(2,1),(3)} \oplus 61V^{(2,1),(2,1)} \oplus 65V^{(2,1),(1,1,1)} \oplus 500V^{(1,1,1),\varnothing} \oplus 1758V^{(1,1,1),(1)} \oplus 396V^{(1,1,1),(2)} \oplus 424V^{(1,1,1),(1,1)} \oplus 34V^{(1,1,1),(3)} \oplus 43V^{(1,1,1),(2,1)} \oplus 45V^{(1,1,1),(1,1,1)} \oplus 390V^{(4),\varnothing} \oplus 632V^{(4),(1)} \oplus 25V^{(4),(2)} \oplus 35V^{(4),(1,1)} \oplus 390V^{(3,1),\varnothing} \oplus 632V^{(3,1),(1)} \oplus 25V^{(3,1),(2)} \oplus 35V^{(3,1),(1,1)} \oplus 240V^{(2,1,1),\varnothing} \oplus 468V^{(2,1,1),(1)} \oplus 19V^{(2,1,1),(2)} \oplus 27V^{(2,1,1),(1,1)} \oplus 106V^{(5),\varnothing} \oplus 9V^{(5),(1)} \oplus 182V^{(4,1),\varnothing} \oplus 11V^{(4,1),(1)} \oplus 106V^{(3,1,1),\varnothing} \oplus 9V^{(3,1,1),(1)} \oplus V^{(5,1),\varnothing} \oplus V^{(4,1,1),\varnothing}$
$k = 7: \quad 225V^{\varnothing,(1)} \oplus 165V^{\varnothing,(2)} \oplus 165V^{\varnothing,(1,1)} \oplus 105V^{\varnothing,(3)} \oplus 105V^{\varnothing,(2,1)} \oplus 105V^{\varnothing,(1,1,1)} \oplus 60V^{\varnothing,(3,1)} \oplus 60V^{\varnothing,(2,1,1)} \oplus 60V^{\varnothing,(1,1,1,1)} \oplus 30V^{\varnothing,(3,1,1)} \oplus 30V^{\varnothing,(2,1,1,1)} \oplus 30V^{\varnothing,(1,1,1,1,1)} \oplus 15V^{\varnothing,(3,1,1,1)} \oplus 15V^{\varnothing,(2,1,1,1,1)} \oplus 225V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1200V^{(1),(3)} \oplus 1360V^{(1),(2,1)} \oplus 1360V^{(1),(1,1,1)} \oplus 550V^{(1),(3,1)} \oplus 650V^{(1),(2,1,1)} \oplus 650V^{(1),(1,1,1,1)} \oplus 204V^{(1),(3,1,1)} \oplus 256V^{(1),(2,1,1,1)} \oplus 204V^{(1),(1,1,1,1,1)} \oplus 3V^{(1),(3,1,1,1)} \oplus 3V^{(1),(2,1,1,1,1)} \oplus 165V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1544V^{(2),(2)} \oplus 1580V^{(2),(1,1)} \oplus 594V^{(2),(3)} \oplus 738V^{(2),(2,1)} \oplus 774V^{(2),(1,1,1)} \oplus 168V^{(2),(3,1)} \oplus 232V^{(2),(2,1,1)} \oplus 232V^{(2),(1,1,1,1)} \oplus 9V^{(2),(3,1,1)} \oplus 11V^{(2),(2,1,1,1)} \oplus 9V^{(2),(1,1,1,1,1)} \oplus 165V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1520V^{(1,1),(2)} \oplus$

Table 57: Table for $\lambda = (5,1,1)$, $\mu = (2,2,2,1)$:

$k = 14: \quad 17V^{\varnothing,\varnothing}$
$k = 13: \quad 7982V^{\varnothing,\varnothing} \oplus 293V^{\varnothing,(1)} \oplus 253V^{(1),\varnothing}$
$k = 12: \quad 15142V^{\varnothing,\varnothing} \oplus 7368V^{\varnothing,(1)} \oplus 108V^{\varnothing,(2)} \oplus 111V^{\varnothing,(1,1)} \oplus 7676V^{(1),\varnothing} \oplus 1415V^{(1),(1)} \oplus 92V^{(2),\varnothing} \oplus 85V^{(1,1),\varnothing}$
$k = 11: \quad 14878V^{\varnothing,\varnothing} \oplus 12750V^{\varnothing,(1)} \oplus 1958V^{\varnothing,(2)} \oplus 2926V^{\varnothing,(1,1)} \oplus 37V^{\varnothing,(2,1)} \oplus 37V^{\varnothing,(1,1,1)} \oplus 13362V^{(1),\varnothing} \oplus 11600V^{(1),(1)} \oplus 435V^{(1),(2)} \oplus 443V^{(1),(1,1)} \oplus 2920V^{(2),\varnothing} \oplus 407V^{(2),(1)} \oplus 2612V^{(1,1),\varnothing} \oplus 385V^{(1,1),(1)} \oplus 32V^{(3),\varnothing} \oplus 30V^{(2,1),\varnothing} \oplus 22V^{(1,1,1),\varnothing}$
$k = 10: \quad 10766V^{\varnothing,\varnothing} \oplus 11638V^{\varnothing,(1)} \oplus 2916V^{\varnothing,(2)} \oplus 4566V^{\varnothing,(1,1)} \oplus 1086V^{\varnothing,(2,1)} \oplus 1086V^{\varnothing,(1,1,1)} \oplus 11V^{\varnothing,(2,2)} \oplus 12V^{\varnothing,(2,1,1)} \oplus 9V^{\varnothing,(1,1,1,1)} \oplus 11236V^{(1),\varnothing} \oplus 19454V^{(1),(1)} \oplus 3552V^{(1),(2)} \oplus 4312V^{(1),(1,1)} \oplus 125V^{(1),(2,1)} \oplus 125V^{(1),(1,1,1)} \oplus 4570V^{(2),\varnothing} \oplus 4120V^{(2),(1)} \oplus 267V^{(2),(2)} \oplus 275V^{(2),(1,1)} \oplus 4180V^{(1,1),\varnothing} \oplus 3816V^{(1,1),(1)} \oplus 251V^{(1,1),(2)} \oplus 257V^{(1,1),(1,1)} \oplus 1160V^{(3),\varnothing} \oplus 101V^{(3),(1)} \oplus 1056V^{(2,1),\varnothing} \oplus 97V^{(2,1),(1)} \oplus 598V^{(1,1,1),\varnothing} \oplus 73V^{(1,1,1),(1)} \oplus 11V^{(4),\varnothing} \oplus 11V^{(3,1),\varnothing} \oplus 8V^{(2,1,1),\varnothing}$
$k = 9: \quad 4560V^{\varnothing,\varnothing} \oplus 7185V^{\varnothing,(1)} \oplus 2200V^{\varnothing,(2)} \oplus 3400V^{\varnothing,(1,1)} \oplus 1370V^{\varnothing,(2,1)} \oplus 1370V^{\varnothing,(1,1,1)} \oplus 316V^{\varnothing,(2,2)} \oplus 468V^{\varnothing,(2,1,1)} \oplus 264V^{\varnothing,(1,1,1,1)} \oplus 4V^{\varnothing,(2,2,1)} \oplus 3V^{\varnothing,(2,1,1,1)} \oplus 7136V^{(1),\varnothing} \oplus 17576V^{(1),(1)} \oplus 5514V^{(1),(2)} \oplus 6738V^{(1),(1,1)} \oplus 1560V^{(1),(2,1)} \oplus 1560V^{(1),(1,1,1)} \oplus 33V^{(1),(2,2)} \oplus 35V^{(1),(2,1,1)} \oplus 27V^{(1),(1,1,1,1)} \oplus 3120V^{(2),\varnothing} \oplus 6522V^{(2),(1)} \oplus 1308V^{(2),(2)} \oplus 1604V^{(2),(1,1)} \oplus 101V^{(2),(2,1)} \oplus 101V^{(2),(1,1,1)} \oplus 2960V^{(1,1),\varnothing} \oplus 6198V^{(1,1),(1)} \oplus 1196V^{(1,1),(2)} \oplus 1460V^{(1,1),(1,1)} \oplus 85V^{(1,1),(2,1)} \oplus 85V^{(1,1),(1,1,1)} \oplus 1452V^{(3),\varnothing} \oplus 1560V^{(3),(1)} \oplus 87V^{(3),(2)} \oplus 95V^{(3),(1,1)} \oplus 1352V^{(2,1),\varnothing} \oplus 1480V^{(2,1),(1)} \oplus 83V^{(2,1),(2)} \oplus 89V^{(2,1),(1,1)} \oplus 802V^{(1,1,1),\varnothing} \oplus 1120V^{(1,1,1),(1)} \oplus 66V^{(1,1,1),(2)} \oplus 69V^{(1,1,1),(1,1)} \oplus 464V^{(4),\varnothing} \oplus 31V^{(4),(1)} \oplus 464V^{(3,1),\varnothing} \oplus 31V^{(3,1),(1)} \oplus 260V^{(2,1,1),\varnothing} \oplus 25V^{(2,1,1),(1)} \oplus 3V^{(5),\varnothing} \oplus 4V^{(4,1),\varnothing} \oplus 3V^{(3,1,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 2430V^{\varnothing,(1)} \oplus 993V^{\varnothing,(2)} \oplus 1461V^{\varnothing,(1,1)} \oplus 760V^{\varnothing,(2,1)} \oplus 760V^{\varnothing,(1,1,1)} \oplus 240V^{\varnothing,(2,2)} \oplus 390V^{\varnothing,(2,1,1)} \oplus 240V^{\varnothing,(1,1,1,1)} \oplus 182V^{\varnothing,(2,2,1)} \oplus 106V^{\varnothing,(2,1,1,1)} \oplus V^{\varnothing,(2,2,2)} \oplus V^{\varnothing,(2,2,1,1)} \oplus 2196V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 4496V^{(1),(2)} \oplus 5280V^{(1),(1,1)} \oplus 2166V^{(1),(2,1)} \oplus 2166V^{(1),(1,1,1)} \oplus 528V^{(1),(2,2)} \oplus 632V^{(1),(2,1,1)} \oplus 468V^{(1),(1,1,1,1)} \oplus 11V^{(1),(2,2,1)} \oplus 9V^{(1),(2,1,1,1)} \oplus 1356V^{(2),\varnothing} \oplus 5136V^{(2),(1)} \oplus 1862V^{(2),(2)} \oplus 2294V^{(2),(1,1)} \oplus 588V^{(2),(2,1)} \oplus 588V^{(2),(1,1,1)} \oplus 33V^{(2),(2,2)} \oplus 35V^{(2),(2,1,1)} \oplus 27V^{(2),(1,1,1,1)} \oplus 1356V^{(1,1),\varnothing} \oplus 5040V^{(1,1),(1)} \oplus 1766V^{(1,1),(2)} \oplus 2162V^{(1,1),(1,1)} \oplus 532V^{(1,1),(2,1)} \oplus 532V^{(1,1),(1,1,1)} \oplus 23V^{(1,1),(2,2)} \oplus 25V^{(1,1),(2,1,1)} \oplus 19V^{(1,1),(1,1,1,1)} \oplus 688V^{(3),\varnothing} \oplus 2166V^{(3),(1)} \oplus 484V^{(3),(2)} \oplus 612V^{(3),(1,1)} \oplus 65V^{(3),(2,1)} \oplus 65V^{(3),(1,1,1)} \oplus 688V^{(2,1),\varnothing} \oplus 2094V^{(2,1),(1)} \oplus 452V^{(2,1),(2)} \oplus 564V^{(2,1),(1,1)} \oplus 61V^{(2,1),(2,1)} \oplus 61V^{(2,1),(1,1,1)} \oplus 428V^{(1,1,1),\varnothing} \oplus 1722V^{(1,1,1),(1)} \oplus 356V^{(1,1,1),(2)} \oplus 412V^{(1,1,1),(1,1)} \oplus 43V^{(1,1,1),(2,1)} \oplus 43V^{(1,1,1),(1,1,1)} \oplus 384V^{(4),\varnothing} \oplus 592V^{(4),(1)} \oplus 23V^{(4),(2)} \oplus 29V^{(4),(1,1)} \oplus 384V^{(3,1),\varnothing} \oplus 592V^{(3,1),(1)} \oplus 23V^{(3,1),(2)} \oplus 29V^{(3,1),(1,1)} \oplus 234V^{(2,1,1),\varnothing} \oplus 448V^{(2,1,1),(1)} \oplus 18V^{(2,1,1),(2)} \oplus 21V^{(2,1,1),(1,1)} \oplus 104V^{(5),\varnothing} \oplus 7V^{(5),(1)} \oplus 180V^{(4,1),\varnothing} \oplus 9V^{(4,1),(1)} \oplus 104V^{(3,1,1),\varnothing} \oplus 7V^{(3,1,1),(1)} \oplus V^{(5,1),\varnothing} \oplus V^{(4,1,1),\varnothing}$
$k = 7: \quad 225V^{\varnothing,(1)} \oplus 165V^{\varnothing,(2)} \oplus 165V^{\varnothing,(1,1)} \oplus 105V^{\varnothing,(2,1)} \oplus 105V^{\varnothing,(1,1,1)} \oplus 60V^{\varnothing,(2,2)} \oplus 60V^{\varnothing,(2,1,1)} \oplus 60V^{\varnothing,(1,1,1,1)} \oplus 30V^{\varnothing,(2,2,1)} \oplus 30V^{\varnothing,(2,1,1,1)} \oplus 15V^{\varnothing,(2,2,2)} \oplus 15V^{\varnothing,(2,2,1,1)} \oplus 196V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2580V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1360V^{(1),(2,1)} \oplus 1360V^{(1),(1,1,1)} \oplus 550V^{(1),(2,2)} \oplus 650V^{(1),(2,1,1)} \oplus 550V^{(1),(1,1,1,1)} \oplus 256V^{(1),(2,2,1)} \oplus 204V^{(1),(2,1,1,1)} \oplus 3V^{(1),(2,2,2)} \oplus 3V^{(1),(2,2,1,1)} \oplus 126V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1352V^{(2),(2)} \oplus 1580V^{(2),(1,1)} \oplus 738V^{(2),(2,1)} \oplus 738V^{(2),(1,1,1)} \oplus 192V^{(2),(2,2)} \oplus 232V^{(2),(2,1,1)} \oplus 168V^{(2),(1,1,1,1)} \oplus 11V^{(2),(2,2,1)} \oplus 9V^{(2),(2,1,1,1)} \oplus 126V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1328V^{(1,1),(2)} \oplus 1544V^{(1,1),(1,1)} \oplus 714V^{(1,1),(2,1)} \oplus 714V^{(1,1),(1,1,1)} \oplus 176V^{(1,1),(2,2)} \oplus 216V^{(1,1),(2,1,1)} \oplus 160V^{(1,1),(1,1,1,1)} \oplus 9V^{(1,1),(2,2,1)} \oplus 7V^{(1,1),(2,1,1,1)} \oplus 84V^{(3),\varnothing} \oplus 1360V^{(3),(1)} \oplus 630V^{(3),(2)} \oplus 774V^{(3),(1,1)} \oplus 236V^{(3),(2,1)} \oplus 236V^{(3),(1,1,1)} \oplus 27V^{(3),(2,2)} \oplus 29V^{(3),(2,1,1)} \oplus 21V^{(3),(1,1,1,1)} \oplus 84V^{(2,1),\varnothing} \oplus 1360V^{(2,1),(1)} \oplus$

Table 58: Table for $\lambda = (5,1,1)$, $\mu = (2,2,1,1,1)$:

$k = 14: \quad 17V^{\varnothing,\varnothing}$
$k = 13: \quad 7982V^{\varnothing,\varnothing} \oplus 312V^{\varnothing,(1)} \oplus 255V^{(1),\varnothing}$
$k = 12: \quad 15142V^{\varnothing,\varnothing} \oplus 7520V^{\varnothing,(1)} \oplus 108V^{\varnothing,(2)} \oplus 117V^{\varnothing,(1,1)} \oplus 7680V^{(1),\varnothing} \oplus 1487V^{(1),(1)} \oplus 93V^{(2),\varnothing} \oplus 86V^{(1,1),\varnothing}$
$k = 11: \quad 14878V^{\varnothing,\varnothing} \oplus 12864V^{\varnothing,(1)} \oplus 1958V^{\varnothing,(2)} \oplus 3046V^{\varnothing,(1,1)} \oplus 37V^{\varnothing,(2,1)} \oplus 39V^{\varnothing,(1,1,1)} \oplus 13362V^{(1),\varnothing} \oplus 11888V^{(1),(1)} \oplus 435V^{(1),(2)} \oplus 461V^{(1),(1,1)} \oplus 2920V^{(2),\varnothing} \oplus 455V^{(2),(1)} \oplus 2612V^{(1,1),\varnothing} \oplus 433V^{(1,1),(1)} \oplus 32V^{(3),\varnothing} \oplus 30V^{(2,1),\varnothing} \oplus 22V^{(1,1,1),\varnothing}$
$k = 10: \quad 10766V^{\varnothing,\varnothing} \oplus 11638V^{\varnothing,(1)} \oplus 2916V^{\varnothing,(2)} \oplus 4674V^{\varnothing,(1,1)} \oplus 1086V^{\varnothing,(2,1)} \oplus 1190V^{\varnothing,(1,1,1)} \oplus 9V^{\varnothing,(2,2)} \oplus 12V^{\varnothing,(2,1,1)} \oplus 12V^{\varnothing,(1,1,1,1)} \oplus 11236V^{(1),\varnothing} \oplus 19598V^{(1),(1)} \oplus 3552V^{(1),(2)} \oplus 4456V^{(1),(1,1)} \oplus 125V^{(1),(2,1)} \oplus 131V^{(1),(1,1,1)} \oplus 4570V^{(2),\varnothing} \oplus 4216V^{(2),(1)} \oplus 267V^{(2),(2)} \oplus 293V^{(2),(1,1)} \oplus 4180V^{(1,1),\varnothing} \oplus 3912V^{(1,1),(1)} \oplus 251V^{(1,1),(2)} \oplus 269V^{(1,1),(1,1)} \oplus 1160V^{(3),\varnothing} \oplus 125V^{(3),(1)} \oplus 1056V^{(2,1),\varnothing} \oplus 121V^{(2,1),(1)} \oplus 598V^{(1,1,1),\varnothing} \oplus 97V^{(1,1,1),(1)} \oplus 11V^{(4),\varnothing} \oplus 11V^{(3,1),\varnothing} \oplus 8V^{(2,1,1),\varnothing}$
$k = 9: \quad 4560V^{\varnothing,\varnothing} \oplus 7185V^{\varnothing,(1)} \oplus 2200V^{\varnothing,(2)} \oplus 3400V^{\varnothing,(1,1)} \oplus 1370V^{\varnothing,(2,1)} \oplus 1470V^{\varnothing,(1,1,1)} \oplus 264V^{\varnothing,(2,2)} \oplus 468V^{\varnothing,(2,1,1)} \oplus 468V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(2,2,1)} \oplus 4V^{\varnothing,(2,1,1,1)} \oplus 3V^{\varnothing,(1,1,1,1,1)} \oplus 7136V^{(1),\varnothing} \oplus 17576V^{(1),(1)} \oplus 5514V^{(1),(2)} \oplus 6846V^{(1),(1,1)} \oplus 1560V^{(1),(2,1)} \oplus 1680V^{(1),(1,1,1)} \oplus 27V^{(1),(2,2)} \oplus 35V^{(1),(2,1,1)} \oplus 35V^{(1),(1,1,1,1)} \oplus 3120V^{(2),\varnothing} \oplus 6522V^{(2),(1)} \oplus 1308V^{(2),(2)} \oplus 1676V^{(2),(1,1)} \oplus 101V^{(2),(2,1)} \oplus 107V^{(2),(1,1,1)} \oplus 2960V^{(1,1),\varnothing} \oplus 6198V^{(1,1),(1)} \oplus 1196V^{(1,1),(2)} \oplus 1508V^{(1,1),(1,1)} \oplus 85V^{(1,1),(2,1)} \oplus 89V^{(1,1),(1,1,1)} \oplus 1452V^{(3),\varnothing} \oplus 1560V^{(3),(1)} \oplus 87V^{(3),(2)} \oplus 107V^{(3),(1,1)} \oplus 1352V^{(2,1),\varnothing} \oplus 1480V^{(2,1),(1)} \oplus 83V^{(2,1),(2)} \oplus 101V^{(2,1),(1,1)} \oplus 802V^{(1,1,1),\varnothing} \oplus 1120V^{(1,1,1),(1)} \oplus 66V^{(1,1,1),(2)} \oplus 75V^{(1,1,1),(1,1)} \oplus 464V^{(4),\varnothing} \oplus 31V^{(4),(1)} \oplus 464V^{(3,1),\varnothing} \oplus 31V^{(3,1),(1)} \oplus 260V^{(2,1,1),\varnothing} \oplus 25V^{(2,1,1),(1)} \oplus 3V^{(5),\varnothing} \oplus 4V^{(4,1),\varnothing} \oplus 3V^{(3,1,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 2430V^{\varnothing,(1)} \oplus 993V^{\varnothing,(2)} \oplus 1461V^{\varnothing,(1,1)} \oplus 760V^{\varnothing,(2,1)} \oplus 760V^{\varnothing,(1,1,1)} \oplus 240V^{\varnothing,(2,2)} \oplus 390V^{\varnothing,(2,1,1)} \oplus 390V^{\varnothing,(1,1,1,1)} \oplus 106V^{\varnothing,(2,2,1)} \oplus 182V^{\varnothing,(2,1,1,1)} \oplus 106V^{\varnothing,(1,1,1,1,1)} \oplus V^{\varnothing,(2,2,1,1)} \oplus V^{\varnothing,(2,1,1,1,1)} \oplus 2280V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 4496V^{(1),(2)} \oplus 5280V^{(1),(1,1)} \oplus 2166V^{(1),(2,1)} \oplus 2274V^{(1),(1,1,1)} \oplus 468V^{(1),(2,2)} \oplus 632V^{(1),(2,1,1)} \oplus 632V^{(1),(1,1,1,1)} \oplus 9V^{(1),(2,2,1)} \oplus 11V^{(1),(2,1,1,1)} \oplus 9V^{(1),(1,1,1,1,1)} \oplus 1356V^{(2),\varnothing} \oplus 5136V^{(2),(1)} \oplus 1862V^{(2),(2)} \oplus 2330V^{(2),(1,1)} \oplus 588V^{(2),(2,1)} \oplus 636V^{(2),(1,1,1)} \oplus 27V^{(2),(2,2)} \oplus 35V^{(2),(2,1,1)} \oplus 35V^{(2),(1,1,1,1)} \oplus 1356V^{(1,1),\varnothing} \oplus 5040V^{(1,1),(1)} \oplus 1766V^{(1,1),(2)} \oplus 2186V^{(1,1),(1,1)} \oplus 532V^{(1,1),(2,1)} \oplus 564V^{(1,1),(1,1,1)} \oplus 19V^{(1,1),(2,2)} \oplus 25V^{(1,1),(2,1,1)} \oplus 25V^{(1,1),(1,1,1,1)} \oplus 688V^{(3),\varnothing} \oplus 2166V^{(3),(1)} \oplus 484V^{(3),(2)} \oplus 636V^{(3),(1,1)} \oplus 65V^{(3),(2,1)} \oplus 71V^{(3),(1,1,1)} \oplus 688V^{(2,1),\varnothing} \oplus 2094V^{(2,1),(1)} \oplus 452V^{(2,1),(2)} \oplus 588V^{(2,1),(1,1)} \oplus 61V^{(2,1),(2,1)} \oplus 65V^{(2,1),(1,1,1)} \oplus 428V^{(1,1,1),\varnothing} \oplus 1722V^{(1,1,1),(1)} \oplus 356V^{(1,1,1),(2)} \oplus 424V^{(1,1,1),(1,1)} \oplus 43V^{(1,1,1),(2,1)} \oplus 45V^{(1,1,1),(1,1,1)} \oplus 384V^{(4),\varnothing} \oplus 592V^{(4),(1)} \oplus 23V^{(4),(2)} \oplus 35V^{(4),(1,1)} \oplus 384V^{(3,1),\varnothing} \oplus 592V^{(3,1),(1)} \oplus 23V^{(3,1),(2)} \oplus 35V^{(3,1),(1,1)} \oplus 234V^{(2,1,1),\varnothing} \oplus 448V^{(2,1,1),(1)} \oplus 18V^{(2,1,1),(2)} \oplus 27V^{(2,1,1),(1,1)} \oplus 104V^{(5),\varnothing} \oplus 7V^{(5),(1)} \oplus 180V^{(4,1),\varnothing} \oplus 9V^{(4,1),(1)} \oplus 104V^{(3,1,1),\varnothing} \oplus 7V^{(3,1,1),(1)} \oplus V^{(5,1),\varnothing} \oplus V^{(4,1,1),\varnothing}$
$k = 7: \quad 225V^{\varnothing,(1)} \oplus 165V^{\varnothing,(2)} \oplus 165V^{\varnothing,(1,1)} \oplus 105V^{\varnothing,(2,1)} \oplus 105V^{\varnothing,(1,1,1)} \oplus 60V^{\varnothing,(2,2)} \oplus 60V^{\varnothing,(2,1,1)} \oplus 60V^{\varnothing,(1,1,1,1)} \oplus 30V^{\varnothing,(2,2,1)} \oplus 30V^{\varnothing,(2,1,1,1)} \oplus 30V^{\varnothing,(1,1,1,1,1)} \oplus 15V^{\varnothing,(2,2,1,1)} \oplus 15V^{\varnothing,(2,1,1,1,1)} \oplus 196V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2580V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1360V^{(1),(2,1)} \oplus 1360V^{(1),(1,1,1)} \oplus 550V^{(1),(2,2)} \oplus 650V^{(1),(2,1,1)} \oplus 650V^{(1),(1,1,1,1)} \oplus 204V^{(1),(2,2,1)} \oplus 256V^{(1),(2,1,1,1)} \oplus 204V^{(1),(1,1,1,1,1)} \oplus 3V^{(1),(2,2,1,1)} \oplus 3V^{(1),(2,1,1,1,1)} \oplus 140V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1352V^{(2),(2)} \oplus 1580V^{(2),(1,1)} \oplus 738V^{(2),(2,1)} \oplus 774V^{(2),(1,1,1)} \oplus 168V^{(2),(2,2)} \oplus 232V^{(2),(2,1,1)} \oplus 232V^{(2),(1,1,1,1)} \oplus 9V^{(2),(2,2,1)} \oplus 11V^{(2),(2,1,1,1)} \oplus 9V^{(2),(1,1,1,1,1)} \oplus 140V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1328V^{(1,1),(2)} \oplus 1544V^{(1,1),(1,1)} \oplus 714V^{(1,1),(2,1)} \oplus 738V^{(1,1),(1,1,1)} \oplus 160V^{(1,1),(2,2)} \oplus 216V^{(1,1),(2,1,1)} \oplus 216V^{(1,1),(1,1,1,1)} \oplus 7V^{(1,1),(2,2,1)} \oplus 9V^{(1,1),(2,1,1,1)} \oplus 7V^{(1,1),(1,1,1,1,1)} \oplus$

Table 59: Table for $\lambda = (5,1,1)$, $\mu = (2,1,1,1,1,1)$:

$k = 14: \quad 17V^{\varnothing,\varnothing}$
$k = 13: \quad 7862V^{\varnothing,\varnothing} \oplus 287V^{\varnothing,(1)} \oplus 113V^{(1),\varnothing}$
$k = 12: \quad 14902V^{\varnothing,\varnothing} \oplus 7128V^{\varnothing,(1)} \oplus 81V^{\varnothing,(2)} \oplus 109V^{\varnothing,(1,1)} \oplus 6876V^{(1),\varnothing} \oplus 1397V^{(1),(1)} \oplus 60V^{(2),\varnothing} \oplus 53V^{(1,1),\varnothing}$
$k = 11: \quad 14638V^{\varnothing,\varnothing} \oplus 12426V^{\varnothing,(1)} \oplus 1554V^{\varnothing,(2)} \oplus 2718V^{\varnothing,(1,1)} \oplus 28V^{\varnothing,(2,1)} \oplus 37V^{\varnothing,(1,1,1)} \oplus 12090V^{(1),\varnothing} \oplus 11312V^{(1),(1)} \oplus 339V^{(1),(2)} \oplus 437V^{(1),(1,1)} \oplus 2680V^{(2),\varnothing} \oplus 389V^{(2),(1)} \oplus 2372V^{(1,1),\varnothing} \oplus 373V^{(1,1),(1)} \oplus 28V^{(3),\varnothing} \oplus 26V^{(2,1),\varnothing} \oplus 18V^{(1,1,1),\varnothing}$
$k = 10:$ $10646V^{\varnothing,\varnothing} \oplus 11494V^{\varnothing,(1)} \oplus 2508V^{\varnothing,(2)} \oplus 4266V^{\varnothing,(1,1)} \oplus 618V^{\varnothing,(2,1)} \oplus 1086V^{\varnothing,(1,1,1)} \oplus 9V^{\varnothing,(2,1,1)} \oplus 12V^{\varnothing,(1,1,1,1)} \oplus 10196V^{(1),\varnothing} \oplus 19130V^{(1),(1)} \oplus 3024V^{(1),(2)} \oplus 4072V^{(1),(1,1)} \oplus 99V^{(1),(2,1)} \oplus 125V^{(1),(1,1,1)} \oplus 4170V^{(2),\varnothing} \oplus 3976V^{(2),(1)} \oplus 195V^{(2),(2)} \oplus 269V^{(2),(1,1)} \oplus 3780V^{(1,1),\varnothing} \oplus 3720V^{(1,1),(1)} \oplus 187V^{(1,1),(2)} \oplus 253V^{(1,1),(1,1)} \oplus 1080V^{(3),\varnothing} \oplus 89V^{(3),(1)} \oplus 976V^{(2,1),\varnothing} \oplus 85V^{(2,1),(1)} \oplus 518V^{(1,1,1),\varnothing} \oplus 67V^{(1,1,1),(1)} \oplus 11V^{(4),\varnothing} \oplus 11V^{(3,1),\varnothing} \oplus 8V^{(2,1,1),\varnothing}$
$k = 9: \quad 4560V^{\varnothing,\varnothing} \oplus 7185V^{\varnothing,(1)} \oplus 2040V^{\varnothing,(2)} \oplus 3240V^{\varnothing,(1,1)} \oplus 820V^{\varnothing,(2,1)} \oplus 1370V^{\varnothing,(1,1,1)} \oplus 264V^{\varnothing,(2,1,1)} \oplus 468V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(2,1,1,1)} \oplus 4V^{\varnothing,(1,1,1,1,1)} \oplus 5880V^{(1),\varnothing} \oplus 17468V^{(1),(1)} \oplus 5082V^{(1),(2)} \oplus 6414V^{(1),(1,1)} \oplus 1160V^{(1),(2,1)} \oplus 1560V^{(1),(1,1,1)} \oplus 27V^{(1),(2,1,1)} \oplus 35V^{(1),(1,1,1,1)} \oplus 2800V^{(2),\varnothing} \oplus 6414V^{(2),(1)} \oplus 1092V^{(2),(2)} \oplus 1508V^{(2),(1,1)} \oplus 75V^{(2),(2,1)} \oplus 101V^{(2),(1,1,1)} \oplus 2640V^{(1,1),\varnothing} \oplus 6126V^{(1,1),(1)} \oplus 1036V^{(1,1),(2)} \oplus 1396V^{(1,1),(1,1)} \oplus 67V^{(1,1),(2,1)} \oplus 85V^{(1,1),(1,1,1)} \oplus 1308V^{(3),\varnothing} \oplus 1512V^{(3),(1)} \oplus 45V^{(3),(2)} \oplus 89V^{(3),(1,1)} \oplus 1208V^{(2,1),\varnothing} \oplus 1432V^{(2,1),(1)} \oplus 43V^{(2,1),(2)} \oplus 85V^{(2,1),(1,1)} \oplus 658V^{(1,1,1),\varnothing} \oplus 1096V^{(1,1,1),(1)} \oplus 34V^{(1,1,1),(2)} \oplus 67V^{(1,1,1),(1,1)} \oplus 432V^{(4),\varnothing} \oplus 25V^{(4),(1)} \oplus 432V^{(3,1),\varnothing} \oplus 25V^{(3,1),(1)} \oplus 228V^{(2,1,1),\varnothing} \oplus 19V^{(2,1,1),(1)} \oplus 3V^{(5),\varnothing} \oplus 4V^{(4,1),\varnothing} \oplus 3V^{(3,1,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 2430V^{\varnothing,(1)} \oplus 993V^{\varnothing,(2)} \oplus 1461V^{\varnothing,(1,1)} \oplus 500V^{\varnothing,(2,1)} \oplus 760V^{\varnothing,(1,1,1)} \oplus 240V^{\varnothing,(2,1,1)} \oplus 390V^{\varnothing,(1,1,1,1)} \oplus 106V^{\varnothing,(2,1,1,1)} \oplus 182V^{\varnothing,(1,1,1,1,1)} \oplus V^{\varnothing,(2,1,1,1,1)} \oplus V^{\varnothing,(1,1,1,1,1,1)} \oplus 1620V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 4352V^{(1),(2)} \oplus 5136V^{(1),(1,1)} \oplus 1758V^{(1),(2,1)} \oplus 2166V^{(1),(1,1,1)} \oplus 468V^{(1),(2,1,1)} \oplus 632V^{(1),(1,1,1,1)} \oplus 9V^{(1),(2,1,1,1)} \oplus 11V^{(1),(1,1,1,1,1)} \oplus 1056V^{(2),\varnothing} \oplus 5136V^{(2),(1)} \oplus 1718V^{(2),(2)} \oplus 2186V^{(2),(1,1)} \oplus 424V^{(2),(2,1)} \oplus 588V^{(2),(1,1,1)} \oplus 27V^{(2),(2,1,1)} \oplus 35V^{(2),(1,1,1,1)} \oplus 1056V^{(1,1),\varnothing} \oplus 5040V^{(1,1),(1)} \oplus 1670V^{(1,1),(2)} \oplus 2090V^{(1,1),(1,1)} \oplus 396V^{(1,1),(2,1)} \oplus 532V^{(1,1),(1,1,1)} \oplus 19V^{(1,1),(2,1,1)} \oplus 25V^{(1,1),(1,1,1,1)} \oplus 592V^{(3),\varnothing} \oplus 2166V^{(3),(1)} \oplus 412V^{(3),(2)} \oplus 564V^{(3),(1,1)} \oplus 45V^{(3),(2,1)} \oplus 65V^{(3),(1,1,1)} \oplus 592V^{(2,1),\varnothing} \oplus 2094V^{(2,1),(1)} \oplus 396V^{(2,1),(2)} \oplus 532V^{(2,1),(1,1)} \oplus 43V^{(2,1),(2,1)} \oplus 61V^{(2,1),(1,1,1)} \oplus 332V^{(1,1,1),\varnothing} \oplus 1722V^{(1,1,1),(1)} \oplus 328V^{(1,1,1),(2)} \oplus 396V^{(1,1,1),(1,1)} \oplus 34V^{(1,1,1),(2,1)} \oplus 43V^{(1,1,1),(1,1,1)} \oplus 336V^{(4),\varnothing} \oplus 592V^{(4),(1)} \oplus 13V^{(4),(2)} \oplus 25V^{(4),(1,1)} \oplus 336V^{(3,1),\varnothing} \oplus 592V^{(3,1),(1)} \oplus 13V^{(3,1),(2)} \oplus 25V^{(3,1),(1,1)} \oplus 186V^{(2,1,1),\varnothing} \oplus 448V^{(2,1,1),(1)} \oplus 10V^{(2,1,1),(2)} \oplus 19V^{(2,1,1),(1,1)} \oplus 88V^{(5),\varnothing} \oplus 7V^{(5),(1)} \oplus 164V^{(4,1),\varnothing} \oplus 9V^{(4,1),(1)} \oplus 88V^{(3,1,1),\varnothing} \oplus 7V^{(3,1,1),(1)} \oplus V^{(5,1),\varnothing} \oplus V^{(4,1,1),\varnothing}$
$k = 7: \quad 225V^{\varnothing,(1)} \oplus 165V^{\varnothing,(2)} \oplus 165V^{\varnothing,(1,1)} \oplus 105V^{\varnothing,(2,1)} \oplus 105V^{\varnothing,(1,1,1)} \oplus 60V^{\varnothing,(2,1,1)} \oplus 60V^{\varnothing,(1,1,1,1)} \oplus 30V^{\varnothing,(2,1,1,1)} \oplus 30V^{\varnothing,(1,1,1,1,1)} \oplus 15V^{\varnothing,(2,1,1,1,1)} \oplus 15V^{\varnothing,(1,1,1,1,1,1)} \oplus 36V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2580V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1200V^{(1),(2,1)} \oplus 1360V^{(1),(1,1,1)} \oplus 550V^{(1),(2,1,1)} \oplus 650V^{(1),(1,1,1,1)} \oplus 204V^{(1),(2,1,1,1)} \oplus 256V^{(1),(1,1,1,1,1)} \oplus 3V^{(1),(2,1,1,1,1)} \oplus 3V^{(1),(1,1,1,1,1,1)} \oplus 30V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1316V^{(2),(2)} \oplus 1544V^{(2),(1,1)} \oplus 594V^{(2),(2,1)} \oplus 738V^{(2),(1,1,1)} \oplus 168V^{(2),(2,1,1)} \oplus 232V^{(2),(1,1,1,1)} \oplus 9V^{(2),(2,1,1,1)} \oplus 11V^{(2),(1,1,1,1,1)} \oplus 30V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1304V^{(1,1),(2)} \oplus 1520V^{(1,1),(1,1)} \oplus 582V^{(1,1),(2,1)} \oplus 714V^{(1,1),(1,1,1)} \oplus 160V^{(1,1),(2,1,1)} \oplus 216V^{(1,1),(1,1,1,1)} \oplus 7V^{(1,1),(2,1,1,1)} \oplus 9V^{(1,1),(1,1,1,1,1)} \oplus 24V^{(3),\varnothing} \oplus 1360V^{(3),(1)} \oplus 594V^{(3),(2)} \oplus 738V^{(3),(1,1)} \oplus 168V^{(3),(2,1)} \oplus 236V^{(3),(1,1,1)} \oplus 21V^{(3),(2,1,1)} \oplus 29V^{(3),(1,1,1,1)} \oplus 24V^{(2,1),\varnothing} \oplus 1360V^{(2,1),(1)} \oplus 582V^{(2,1),(2)} \oplus 714V^{(2,1),(1,1)} \oplus 160V^{(2,1),(2,1)} \oplus 220V^{(2,1),(1,1,1)} \oplus 19V^{(2,1),(2,1,1)} \oplus 25V^{(2,1),(1,1,1,1)} \oplus 24V^{(1,1,1),\varnothing} \oplus$

Table 60: Table for $\lambda = (5,1,1)$, $\mu = (1,1,1,1,1,1,1)$:

$k = 14: \quad 3V^{\varnothing,\varnothing}$
$k = 13: \quad 6567V^{\varnothing,\varnothing} \oplus 206V^{\varnothing,(1)} \oplus 15V^{(1),\varnothing}$
$k = 12:$ $12677V^{\varnothing,\varnothing} \oplus 4134V^{\varnothing,(1)} \oplus 81V^{\varnothing,(1,1)} \oplus 4956V^{(1),\varnothing} \oplus 1059V^{(1),(1)} \oplus 12V^{(2),\varnothing} \oplus 10V^{(1,1),\varnothing}$
$k = 11: \quad 12947V^{\varnothing,\varnothing} \oplus 7338V^{\varnothing,(1)} \oplus 1554V^{\varnothing,(1,1)} \oplus 28V^{\varnothing,(1,1,1)} \oplus 9105V^{(1),\varnothing} \oplus 8544V^{(1),(1)} \oplus 339V^{(1),(1,1)} \oplus 1926V^{(2),\varnothing} \oplus 195V^{(2),(1)} \oplus 1802V^{(1,1),\varnothing} \oplus 187V^{(1,1),(1)} \oplus 9V^{(3),\varnothing} \oplus 8V^{(2,1),\varnothing} \oplus 5V^{(1,1,1),\varnothing}$
$k = 10: \quad 9860V^{\varnothing,\varnothing} \oplus 7142V^{\varnothing,(1)} \oplus 2508V^{\varnothing,(1,1)} \oplus 618V^{\varnothing,(1,1,1)} \oplus 9V^{\varnothing,(1,1,1,1)} \oplus 8224V^{(1),\varnothing} \oplus 15190V^{(1),(1)} \oplus 3024V^{(1),(1,1)} \oplus 99V^{(1),(1,1,1)} \oplus 3229V^{(2),\varnothing} \oplus 2976V^{(2),(1)} \oplus 195V^{(2),(1,1)} \oplus 3061V^{(1,1),\varnothing} \oplus 2848V^{(1,1),(1)} \oplus 187V^{(1,1),(1,1)} \oplus 794V^{(3),\varnothing} \oplus 45V^{(3),(1)} \oplus 742V^{(2,1),\varnothing} \oplus 43V^{(2,1),(1)} \oplus 376V^{(1,1,1),\varnothing} \oplus 34V^{(1,1,1),(1)} \oplus 6V^{(4),\varnothing} \oplus 6V^{(3,1),\varnothing} \oplus 4V^{(2,1,1),\varnothing}$
$k = 9: \quad 4440V^{\varnothing,\varnothing} \oplus 4605V^{\varnothing,(1)} \oplus 2040V^{\varnothing,(1,1)} \oplus 820V^{\varnothing,(1,1,1)} \oplus 264V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(1,1,1,1,1)} \oplus 5065V^{(1),\varnothing} \oplus 14608V^{(1),(1)} \oplus 5082V^{(1),(1,1)} \oplus 1160V^{(1),(1,1,1)} \oplus 27V^{(1),(1,1,1,1)} \oplus 2336V^{(2),\varnothing} \oplus 5082V^{(2),(1)} \oplus 1092V^{(2),(1,1)} \oplus 75V^{(2),(1,1,1)} \oplus 2256V^{(1,1),\varnothing} \oplus 4938V^{(1,1),(1)} \oplus 1036V^{(1,1),(1,1)} \oplus 67V^{(1,1),(1,1,1)} \oplus 1059V^{(3),\varnothing} \oplus 1136V^{(3),(1)} \oplus 45V^{(3),(1,1)} \oplus 1009V^{(2,1),\varnothing} \oplus 1096V^{(2,1),(1)} \oplus 43V^{(2,1),(1,1)} \oplus 509V^{(1,1,1),\varnothing} \oplus 928V^{(1,1,1),(1)} \oplus 34V^{(1,1,1),(1,1)} \oplus 360V^{(4),\varnothing} \oplus 13V^{(4),(1)} \oplus 360V^{(3,1),\varnothing} \oplus 13V^{(3,1),(1)} \oplus 182V^{(2,1,1),\varnothing} \oplus 10V^{(2,1,1),(1)} \oplus 3V^{(5),\varnothing} \oplus 4V^{(4,1),\varnothing} \oplus 3V^{(3,1,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 1710V^{\varnothing,(1)} \oplus 993V^{\varnothing,(1,1)} \oplus 500V^{\varnothing,(1,1,1)} \oplus 240V^{\varnothing,(1,1,1,1)} \oplus 106V^{\varnothing,(1,1,1,1,1)} \oplus V^{\varnothing,(1,1,1,1,1,1)} \oplus 1446V^{(1),\varnothing} \oplus 10580V^{(1),(1)} \oplus 4352V^{(1),(1,1)} \oplus 1758V^{(1),(1,1,1)} \oplus 468V^{(1),(1,1,1,1)} \oplus 9V^{(1),(1,1,1,1,1)} \oplus 941V^{(2),\varnothing} \oplus 4352V^{(2),(1)} \oplus 1718V^{(2),(1,1)} \oplus 424V^{(2),(1,1,1)} \oplus 27V^{(2),(1,1,1,1)} \oplus 941V^{(1,1),\varnothing} \oplus 4304V^{(1,1),(1)} \oplus 1670V^{(1,1),(1,1)} \oplus 396V^{(1,1),(1,1,1)} \oplus 19V^{(1,1),(1,1,1,1)} \oplus 524V^{(3),\varnothing} \oplus 1758V^{(3),(1)} \oplus 412V^{(3),(1,1)} \oplus 45V^{(3),(1,1,1)} \oplus 524V^{(2,1),\varnothing} \oplus 1722V^{(2,1),(1)} \oplus 396V^{(2,1),(1,1)} \oplus 43V^{(2,1),(1,1,1)} \oplus 264V^{(1,1,1),\varnothing} \oplus 1536V^{(1,1,1),(1)} \oplus 328V^{(1,1,1),(1,1)} \oplus 34V^{(1,1,1),(1,1,1)} \oplus 303V^{(4),\varnothing} \oplus 448V^{(4),(1)} \oplus 13V^{(4),(1,1)} \oplus 303V^{(3,1),\varnothing} \oplus 448V^{(3,1),(1)} \oplus 13V^{(3,1),(1,1)} \oplus 153V^{(2,1,1),\varnothing} \oplus 376V^{(2,1,1),(1)} \oplus 10V^{(2,1,1),(1,1)} \oplus 78V^{(5),\varnothing} \oplus 4V^{(5),(1)} \oplus 154V^{(4,1),\varnothing} \oplus 5V^{(4,1),(1)} \oplus 78V^{(3,1,1),\varnothing} \oplus 4V^{(3,1,1),(1)} \oplus 2V^{(5,1),\varnothing} \oplus 2V^{(4,1,1),\varnothing}$
$k = 7: \quad 225V^{\varnothing,(1)} \oplus 165V^{\varnothing,(1,1)} \oplus 105V^{\varnothing,(1,1,1)} \oplus 60V^{\varnothing,(1,1,1,1)} \oplus 30V^{\varnothing,(1,1,1,1,1)} \oplus 15V^{\varnothing,(1,1,1,1,1,1)} \oplus V^{(1),\varnothing} \oplus 4560V^{(1),(1)} \oplus 2580V^{(1),(1,1)} \oplus 1200V^{(1),(1,1,1)} \oplus 550V^{(1),(1,1,1,1)} \oplus 204V^{(1),(1,1,1,1,1)} \oplus 3V^{(1),(1,1,1,1,1,1)} \oplus V^{(2),\varnothing} \oplus 2580V^{(2),(1)} \oplus 1316V^{(2),(1,1)} \oplus 594V^{(2),(1,1,1)} \oplus 168V^{(2),(1,1,1,1)} \oplus 9V^{(2),(1,1,1,1,1)} \oplus V^{(1,1),\varnothing} \oplus 2580V^{(1,1),(1)} \oplus 1304V^{(1,1),(1,1)} \oplus 582V^{(1,1),(1,1,1)} \oplus 160V^{(1,1),(1,1,1,1)} \oplus 7V^{(1,1),(1,1,1,1,1)} \oplus V^{(3),\varnothing} \oplus 1200V^{(3),(1)} \oplus 594V^{(3),(1,1)} \oplus 168V^{(3),(1,1,1)} \oplus 21V^{(3),(1,1,1,1)} \oplus V^{(2,1),\varnothing} \oplus 1200V^{(2,1),(1)} \oplus 582V^{(2,1),(1,1)} \oplus 160V^{(2,1),(1,1,1)} \oplus 19V^{(2,1),(1,1,1,1)} \oplus V^{(1,1,1),\varnothing} \oplus 1120V^{(1,1,1),(1)} \oplus 516V^{(1,1,1),(1,1)} \oplus 130V^{(1,1,1),(1,1,1)} \oplus 10V^{(1,1,1),(1,1,1,1)} \oplus V^{(4),\varnothing} \oplus 550V^{(4),(1)} \oplus 160V^{(4),(1,1)} \oplus 13V^{(4),(1,1,1)} \oplus V^{(3,1),\varnothing} \oplus 550V^{(3,1),(1)} \oplus 160V^{(3,1),(1,1)} \oplus 13V^{(3,1),(1,1,1)} \oplus V^{(2,1,1),\varnothing} \oplus 500V^{(2,1,1),(1)} \oplus 132V^{(2,1,1),(1,1)} \oplus 10V^{(2,1,1),(1,1,1)} \oplus V^{(5),\varnothing} \oplus 178V^{(5),(1)} \oplus 4V^{(5),(1,1)} \oplus V^{(4,1),\varnothing} \oplus 204V^{(4,1),(1)} \oplus 5V^{(4,1),(1,1)} \oplus V^{(3,1,1),\varnothing} \oplus 178V^{(3,1,1),(1)} \oplus 4V^{(3,1,1),(1,1)} \oplus V^{(5,1),\varnothing} \oplus 2V^{(5,1),(1)} \oplus V^{(4,1,1),\varnothing} \oplus 2V^{(4,1,1),(1)} \oplus V^{(5,1,1),\varnothing}$
$k = 6: \quad 720V^{(1),(1)} \oplus 720V^{(1),(1,1)} \oplus 468V^{(1),(1,1,1)} \oplus 260V^{(1),(1,1,1,1)} \oplus 150V^{(1),(1,1,1,1,1)} \oplus 76V^{(1),(1,1,1,1,1,1)} \oplus V^{(1),(1,1,1,1,1,1,1)} \oplus 720V^{(2),(1)} \oplus 648V^{(2),(1,1)} \oplus 368V^{(2),(1,1,1)} \oplus 186V^{(2),(1,1,1,1)} \oplus 72V^{(2),(1,1,1,1,1)} \oplus 3V^{(2),(1,1,1,1,1,1)} \oplus 720V^{(1,1),(1)} \oplus 648V^{(1,1),(1,1)} \oplus 368V^{(1,1),(1,1,1)} \oplus 186V^{(1,1),(1,1,1,1)} \oplus 72V^{(1,1),(1,1,1,1,1)} \oplus 3V^{(1,1),(1,1,1,1,1,1)} \oplus 468V^{(3),(1)} \oplus 368V^{(3),(1,1)} \oplus 210V^{(3),(1,1,1)} \oplus 68V^{(3),(1,1,1,1)} \oplus 9V^{(3),(1,1,1,1,1)} \oplus 468V^{(2,1),(1)} \oplus 368V^{(2,1),(1,1)} \oplus 206V^{(2,1),(1,1,1)} \oplus 64V^{(2,1),(1,1,1,1)} \oplus$

Table 61: Table for $\lambda = (4,3)$, $\mu = (7,)$:

$k = 14: \quad 4V^{\varnothing,\varnothing}$
$k = 13: \quad 6582V^{\varnothing,\varnothing} \oplus 169V^{\varnothing,(1)} \oplus 12V^{(1),\varnothing}$
$k = 12:$ $12694V^{\varnothing,\varnothing} \oplus 3954V^{\varnothing,(1)} \oplus 63V^{\varnothing,(2)} \oplus 4688V^{(1),\varnothing} \oplus 1033V^{(1),(1)} \oplus 10V^{(2),\varnothing} \oplus 8V^{(1,1),\varnothing}$
$k = 11: \quad 12952V^{\varnothing,\varnothing} \oplus 7104V^{\varnothing,(1)} \oplus 1488V^{\varnothing,(2)} \oplus 22V^{\varnothing,(3)} \oplus 8649V^{(1),\varnothing} \oplus 8248V^{(1),(1)} \oplus 313V^{(1),(2)} \oplus 1906V^{(2),\varnothing} \oplus 189V^{(2),(1)} \oplus 1042V^{(1,1),\varnothing} \oplus 186V^{(1,1),(1)} \oplus 7V^{(3),\varnothing} \oplus 7V^{(2,1),\varnothing}$
$k = 10: \quad 9874V^{\varnothing,\varnothing} \oplus 6148V^{\varnothing,(1)} \oplus 2440V^{\varnothing,(2)} \oplus 598V^{\varnothing,(3)} \oplus 8V^{\varnothing,(4)} \oplus 7904V^{(1),\varnothing} \oplus 14818V^{(1),(1)} \oplus 2896V^{(1),(2)} \oplus 73V^{(1),(3)} \oplus 3211V^{(2),\varnothing} \oplus 2928V^{(2),(1)} \oplus 189V^{(2),(2)} \oplus 1711V^{(1,1),\varnothing} \oplus 2588V^{(1,1),(1)} \oplus 186V^{(1,1),(2)} \oplus 742V^{(3),\varnothing} \oplus 43V^{(3),(1)} \oplus 742V^{(2,1),\varnothing} \oplus 43V^{(2,1),(1)} \oplus 3V^{(4),\varnothing} \oplus 5V^{(3,1),\varnothing} \oplus 4V^{(2,2),\varnothing}$
$k = 9: \quad 4440V^{\varnothing,\varnothing} \oplus 4316V^{\varnothing,(1)} \oplus 1760V^{\varnothing,(2)} \oplus 802V^{\varnothing,(3)} \oplus 260V^{\varnothing,(4)} \oplus 3V^{\varnothing,(5)} \oplus 4945V^{(1),\varnothing} \oplus 14416V^{(1),(1)} \oplus 4974V^{(1),(2)} \oplus 1120V^{(1),(3)} \oplus 25V^{(1),(4)} \oplus 2336V^{(2),\varnothing} \oplus 5046V^{(2),(1)} \oplus 1068V^{(2),(2)} \oplus 69V^{(2),(3)} \oplus 1216V^{(1,1),\varnothing} \oplus 4488V^{(1,1),(1)} \oplus 936V^{(1,1),(2)} \oplus 66V^{(1,1),(3)} \oplus 1009V^{(3),\varnothing} \oplus 1096V^{(3),(1)} \oplus 43V^{(3),(2)} \oplus 1009V^{(2,1),\varnothing} \oplus 1096V^{(2,1),(1)} \oplus 43V^{(2,1),(2)} \oplus 182V^{(4),\varnothing} \oplus 10V^{(4),(1)} \oplus 360V^{(3,1),\varnothing} \oplus 13V^{(3,1),(1)} \oplus 208V^{(2,2),\varnothing} \oplus 12V^{(2,2),(1)} \oplus 2V^{(4,1),\varnothing} \oplus 3V^{(3,2),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 1476V^{\varnothing,(1)} \oplus 888V^{\varnothing,(2)} \oplus 428V^{\varnothing,(3)} \oplus 234V^{\varnothing,(4)} \oplus 104V^{\varnothing,(5)} \oplus V^{\varnothing,(6)} \oplus 1446V^{(1),\varnothing} \oplus 10532V^{(1),(1)} \oplus 4304V^{(1),(2)} \oplus 1722V^{(1),(3)} \oplus 448V^{(1),(4)} \oplus 7V^{(1),(5)} \oplus 941V^{(2),\varnothing} \oplus 4352V^{(2),(1)} \oplus 1706V^{(2),(2)} \oplus 412V^{(2),(3)} \oplus 21V^{(2),(4)} \oplus 473V^{(1,1),\varnothing} \oplus 3984V^{(1,1),(1)} \oplus 1508V^{(1,1),(2)} \oplus 356V^{(1,1),(3)} \oplus 18V^{(1,1),(4)} \oplus 524V^{(3),\varnothing} \oplus 1722V^{(3),(1)} \oplus 396V^{(3),(2)} \oplus 43V^{(3),(3)} \oplus 524V^{(2,1),\varnothing} \oplus 1722V^{(2,1),(1)} \oplus 396V^{(2,1),(2)} \oplus 43V^{(2,1),(3)} \oplus 153V^{(4),\varnothing} \oplus 376V^{(4),(1)} \oplus 10V^{(4),(2)} \oplus 303V^{(3,1),\varnothing} \oplus 448V^{(3,1),(1)} \oplus 13V^{(3,1),(2)} \oplus 153V^{(2,2),\varnothing} \oplus 396V^{(2,2),(1)} \oplus 12V^{(2,2),(2)} \oplus 78V^{(4,1),\varnothing} \oplus 4V^{(4,1),(1)} \oplus 154V^{(3,2),\varnothing} \oplus 5V^{(3,2),(1)} \oplus V^{(4,2),\varnothing} \oplus V^{(3,3),\varnothing}$
$k = 7: \quad 196V^{\varnothing,(1)} \oplus 126V^{\varnothing,(2)} \oplus 84V^{\varnothing,(3)} \oplus 42V^{\varnothing,(4)} \oplus 28V^{\varnothing,(5)} \oplus 14V^{\varnothing,(6)} \oplus V^{(1),\varnothing} \oplus 4560V^{(1),(1)} \oplus 2580V^{(1),(2)} \oplus 1200V^{(1),(3)} \oplus 550V^{(1),(4)} \oplus 204V^{(1),(5)} \oplus 3V^{(1),(6)} \oplus V^{(2),\varnothing} \oplus 2580V^{(2),(1)} \oplus 1316V^{(2),(2)} \oplus 594V^{(2),(3)} \oplus 168V^{(2),(4)} \oplus 9V^{(2),(5)} \oplus V^{(1,1),\varnothing} \oplus 2460V^{(1,1),(1)} \oplus 1208V^{(1,1),(2)} \oplus 528V^{(1,1),(3)} \oplus 140V^{(1,1),(4)} \oplus 6V^{(1,1),(5)} \oplus V^{(3),\varnothing} \oplus 1200V^{(3),(1)} \oplus 582V^{(3),(2)} \oplus 160V^{(3),(3)} \oplus 19V^{(3),(4)} \oplus V^{(2,1),\varnothing} \oplus 1200V^{(2,1),(1)} \oplus 582V^{(2,1),(2)} \oplus 160V^{(2,1),(3)} \oplus 19V^{(2,1),(4)} \oplus V^{(4),\varnothing} \oplus 500V^{(4),(1)} \oplus 132V^{(4),(2)} \oplus 10V^{(4),(3)} \oplus V^{(3,1),\varnothing} \oplus 550V^{(3,1),(1)} \oplus 160V^{(3,1),(2)} \oplus 13V^{(3,1),(3)} \oplus V^{(2,2),\varnothing} \oplus 500V^{(2,2),(1)} \oplus 140V^{(2,2),(2)} \oplus 12V^{(2,2),(3)} \oplus V^{(4,1),\varnothing} \oplus 178V^{(4,1),(1)} \oplus 4V^{(4,1),(2)} \oplus V^{(3,2),\varnothing} \oplus 204V^{(3,2),(1)} \oplus 5V^{(3,2),(2)} \oplus V^{(4,2),\varnothing} \oplus 2V^{(4,2),(1)} \oplus V^{(3,3),\varnothing} \oplus 2V^{(3,3),(1)}$
$k = 6: \quad 720V^{(1),(1)} \oplus 720V^{(1),(2)} \oplus 468V^{(1),(3)} \oplus 260V^{(1),(4)} \oplus 150V^{(1),(5)} \oplus 76V^{(1),(6)} \oplus V^{(1),(7)} \oplus 720V^{(2),(1)} \oplus 648V^{(2),(2)} \oplus 368V^{(2),(3)} \oplus 186V^{(2),(4)} \oplus 72V^{(2),(5)} \oplus 3V^{(2),(6)} \oplus 720V^{(1,1),(1)} \oplus 624V^{(1,1),(2)} \oplus 344V^{(1,1),(3)} \oplus 168V^{(1,1),(4)} \oplus 62V^{(1,1),(5)} \oplus 2V^{(1,1),(6)} \oplus 468V^{(3),(1)} \oplus 368V^{(3),(2)} \oplus 206V^{(3),(3)} \oplus 64V^{(3),(4)} \oplus 7V^{(3),(5)} \oplus 468V^{(2,1),(1)} \oplus 368V^{(2,1),(2)} \oplus 206V^{(2,1),(3)} \oplus 64V^{(2,1),(4)} \oplus 7V^{(2,1),(5)} \oplus 260V^{(4),(1)} \oplus 168V^{(4),(2)} \oplus 52V^{(4),(3)} \oplus 10V^{(4),(4)} \oplus 260V^{(3,1),(1)} \oplus 186V^{(3,1),(2)} \oplus 64V^{(3,1),(3)} \oplus 13V^{(3,1),(4)} \oplus 260V^{(2,2),(1)} \oplus 168V^{(2,2),(2)} \oplus 56V^{(2,2),(3)} \oplus 12V^{(2,2),(4)} \oplus 150V^{(4,1),(1)} \oplus 62V^{(4,1),(2)} \oplus 4V^{(4,1),(3)} \oplus 150V^{(3,2),(1)} \oplus 72V^{(3,2),(2)} \oplus 5V^{(3,2),(3)} \oplus 76V^{(4,2),(1)} \oplus 2V^{(4,2),(2)} \oplus 76V^{(3,3),(1)} \oplus 2V^{(3,3),(2)} \oplus V^{(4,3),(1)}$
$k = 5: \quad 120V^{(2),(2)} \oplus 120V^{(2),(3)} \oplus 80V^{(2),(4)} \oplus 50V^{(2),(5)} \oplus 26V^{(2),(6)} \oplus V^{(2),(7)} \oplus 120V^{(1,1),(2)} \oplus 120V^{(1,1),(3)} \oplus 80V^{(1,1),(4)} \oplus 50V^{(1,1),(5)} \oplus 26V^{(1,1),(6)} \oplus V^{(1,1),(7)} \oplus 120V^{(3),(2)} \oplus 108V^{(3),(3)} \oplus 66V^{(3),(4)} \oplus 28V^{(3),(5)} \oplus 3V^{(3),(6)} \oplus 120V^{(2,1),(2)} \oplus 108V^{(2,1),(3)} \oplus 66V^{(2,1),(4)} \oplus 28V^{(2,1),(5)} \oplus 3V^{(2,1),(6)} \oplus 80V^{(4),(2)} \oplus 60V^{(4),(3)} \oplus 22V^{(4),(4)} \oplus 4V^{(4),(5)} \oplus 80V^{(3,1),(2)} \oplus 66V^{(3,1),(3)} \oplus 28V^{(3,1),(4)} \oplus 7V^{(3,1),(5)} \oplus 80V^{(2,2),(2)} \oplus 60V^{(2,2),(3)} \oplus$

Table 62: Table for $\lambda = (4,3)$, $\mu = (6,1)$:

$k = 14: \quad 34V^{\varnothing,\varnothing}$
$k = 13: \quad 7936V^{\varnothing,\varnothing} \oplus 232V^{\varnothing,(1)} \oplus 101V^{(1),\varnothing}$
$k = 12: \quad 14940V^{\varnothing,\varnothing} \oplus 6844V^{\varnothing,(1)} \oplus 85V^{\varnothing,(2)} \oplus 63V^{\varnothing,(1,1)} \oplus 6276V^{(1),\varnothing} \oplus 1345V^{(1),(1)} \oplus 55V^{(2),\varnothing} \oplus 52V^{(1,1),\varnothing}$
$k = 11: \quad 14632V^{\varnothing,\varnothing} \oplus 12108V^{\varnothing,(1)} \oplus 2612V^{\varnothing,(2)} \oplus 1488V^{\varnothing,(1,1)} \oplus 30V^{\varnothing,(3)} \oplus 22V^{\varnothing,(2,1)} \oplus 11130V^{(1),\varnothing} \oplus 10720V^{(1),(1)} \oplus 385V^{(1),(2)} \oplus 313V^{(1),(1,1)} \oplus 2580V^{(2),\varnothing} \oplus 377V^{(2),(1)} \oplus 1612V^{(1,1),\varnothing} \oplus 371V^{(1,1),(1)} \oplus 26V^{(3),\varnothing} \oplus 26V^{(2,1),\varnothing}$
$k = 10: \quad 10724V^{\varnothing,\varnothing} \oplus 10476V^{\varnothing,(1)} \oplus 4180V^{\varnothing,(2)} \oplus 2440V^{\varnothing,(1,1)} \oplus 1056V^{\varnothing,(3)} \oplus 598V^{\varnothing,(2,1)} \oplus 11V^{\varnothing,(4)} \oplus 8V^{\varnothing,(3,1)} \oplus 9556V^{(1),\varnothing} \oplus 18386V^{(1),(1)} \oplus 3816V^{(1),(2)} \oplus 2896V^{(1),(1,1)} \oplus 97V^{(1),(3)} \oplus 73V^{(1),(2,1)} \oplus 4080V^{(2),\varnothing} \oplus 3880V^{(2),(1)} \oplus 257V^{(2),(2)} \oplus 189V^{(2),(1,1)} \oplus 2430V^{(1,1),\varnothing} \oplus 3200V^{(1,1),(1)} \oplus 251V^{(1,1),(2)} \oplus 186V^{(1,1),(1,1)} \oplus 976V^{(3),\varnothing} \oplus 85V^{(3),(1)} \oplus 976V^{(2,1),\varnothing} \oplus 85V^{(2,1),(1)} \oplus 8V^{(4),\varnothing} \oplus 11V^{(3,1),\varnothing} \oplus 10V^{(2,2),\varnothing}$
$k = 9: \quad 4644V^{\varnothing,\varnothing} \oplus 6896V^{\varnothing,(1)} \oplus 2960V^{\varnothing,(2)} \oplus 1760V^{\varnothing,(1,1)} \oplus 1352V^{\varnothing,(3)} \oplus 802V^{\varnothing,(2,1)} \oplus 464V^{\varnothing,(4)} \oplus 260V^{\varnothing,(3,1)} \oplus 4V^{\varnothing,(5)} \oplus 3V^{\varnothing,(4,1)} \oplus 5640V^{(1),\varnothing} \oplus 17084V^{(1),(1)} \oplus 6198V^{(1),(2)} \oplus 4974V^{(1),(1,1)} \oplus 1480V^{(1),(3)} \oplus 1120V^{(1),(2,1)} \oplus 31V^{(1),(4)} \oplus 25V^{(1),(3,1)} \oplus 2800V^{(2),\varnothing} \oplus 6342V^{(2),(1)} \oplus 1460V^{(2),(2)} \oplus 1068V^{(2),(1,1)} \oplus 89V^{(2),(3)} \oplus 69V^{(2),(2,1)} \oplus 1600V^{(1,1),\varnothing} \oplus 5226V^{(1,1),(1)} \oplus 1196V^{(1,1),(2)} \oplus 936V^{(1,1),(1,1)} \oplus 83V^{(1,1),(3)} \oplus 66V^{(1,1),(2,1)} \oplus 1208V^{(3),\varnothing} \oplus 1432V^{(3),(1)} \oplus 85V^{(3),(2)} \oplus 43V^{(3),(1,1)} \oplus 1208V^{(2,1),\varnothing} \oplus 1432V^{(2,1),(1)} \oplus 85V^{(2,1),(2)} \oplus 43V^{(2,1),(1,1)} \oplus 228V^{(4),\varnothing} \oplus 19V^{(4),(1)} \oplus 432V^{(3,1),\varnothing} \oplus 25V^{(3,1),(1)} \oplus 280V^{(2,2),\varnothing} \oplus 23V^{(2,2),(1)} \oplus 3V^{(4,1),\varnothing} \oplus 4V^{(3,2),\varnothing}$
$k = 8:$ $720V^{\varnothing,\varnothing} \oplus 2196V^{\varnothing,(1)} \oplus 1356V^{\varnothing,(2)} \oplus 888V^{\varnothing,(1,1)} \oplus 688V^{\varnothing,(3)} \oplus 428V^{\varnothing,(2,1)} \oplus 384V^{\varnothing,(4)} \oplus 234V^{\varnothing,(3,1)} \oplus 180V^{\varnothing,(5)} \oplus 104V^{\varnothing,(4,1)} \oplus V^{\varnothing,(6)} \oplus V^{\varnothing,(5,1)} \oplus 1620V^{(1),\varnothing} \oplus 11828V^{(1),(1)} \oplus 5040V^{(1),(2)} \oplus 4304V^{(1),(1,1)} \oplus 2094V^{(1),(3)} \oplus 1722V^{(1),(2,1)} \oplus 592V^{(1),(4)} \oplus 448V^{(1),(3,1)} \oplus 9V^{(1),(5)} \oplus 7V^{(1),(4,1)} \oplus 1056V^{(2),\varnothing} \oplus 5136V^{(2),(1)} \oplus 2162V^{(2),(2)} \oplus 1706V^{(2),(1,1)} \oplus 564V^{(2),(3)} \oplus 412V^{(2),(2,1)} \oplus 29V^{(2),(4)} \oplus 21V^{(2),(3,1)} \oplus 588V^{(1,1),\varnothing} \oplus 4400V^{(1,1),(1)} \oplus 1766V^{(1,1),(2)} \oplus 1508V^{(1,1),(1,1)} \oplus 452V^{(1,1),(3)} \oplus 356V^{(1,1),(2,1)} \oplus 23V^{(1,1),(4)} \oplus 18V^{(1,1),(3,1)} \oplus 592V^{(3),\varnothing} \oplus 2094V^{(3),(1)} \oplus 532V^{(3),(2)} \oplus 396V^{(3),(1,1)} \oplus 61V^{(3),(3)} \oplus 43V^{(3),(2,1)} \oplus 592V^{(2,1),\varnothing} \oplus 2094V^{(2,1),(1)} \oplus 532V^{(2,1),(2)} \oplus 396V^{(2,1),(1,1)} \oplus 61V^{(2,1),(3)} \oplus 43V^{(2,1),(2,1)} \oplus 186V^{(4),\varnothing} \oplus 448V^{(4),(1)} \oplus 19V^{(4),(2)} \oplus 10V^{(4),(1,1)} \oplus 336V^{(3,1),\varnothing} \oplus 592V^{(3,1),(1)} \oplus 25V^{(3,1),(2)} \oplus 13V^{(3,1),(1,1)} \oplus 186V^{(2,2),\varnothing} \oplus 488V^{(2,2),(1)} \oplus 23V^{(2,2),(2)} \oplus 12V^{(2,2),(1,1)} \oplus 88V^{(4,1),\varnothing} \oplus 7V^{(4,1),(1)} \oplus 164V^{(3,2),\varnothing} \oplus 9V^{(3,2),(1)} \oplus V^{(4,2),\varnothing} \oplus V^{(3,3),\varnothing}$
$k = 7: \quad 196V^{\varnothing,(1)} \oplus 126V^{\varnothing,(2)} \oplus 126V^{\varnothing,(1,1)} \oplus 84V^{\varnothing,(3)} \oplus 84V^{\varnothing,(2,1)} \oplus 42V^{\varnothing,(4)} \oplus 42V^{\varnothing,(3,1)} \oplus 28V^{\varnothing,(5)} \oplus 28V^{\varnothing,(4,1)} \oplus 14V^{\varnothing,(6)} \oplus 14V^{\varnothing,(5,1)} \oplus 36V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2580V^{(1),(1,1)} \oplus 1360V^{(1),(3)} \oplus 1200V^{(1),(2,1)} \oplus 650V^{(1),(4)} \oplus 550V^{(1),(3,1)} \oplus 256V^{(1),(5)} \oplus 204V^{(1),(4,1)} \oplus 3V^{(1),(6)} \oplus 3V^{(1),(5,1)} \oplus 30V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1544V^{(2),(2)} \oplus 1316V^{(2),(1,1)} \oplus 738V^{(2),(3)} \oplus 594V^{(2),(2,1)} \oplus 232V^{(2),(4)} \oplus 168V^{(2),(3,1)} \oplus 11V^{(2),(5)} \oplus 9V^{(2),(4,1)} \oplus 30V^{(1,1),\varnothing} \oplus 2580V^{(1,1),(1)} \oplus 1328V^{(1,1),(2)} \oplus 1208V^{(1,1),(1,1)} \oplus 606V^{(1,1),(3)} \oplus 528V^{(1,1),(2,1)} \oplus 176V^{(1,1),(4)} \oplus 140V^{(1,1),(3,1)} \oplus 7V^{(1,1),(5)} \oplus 6V^{(1,1),(4,1)} \oplus 24V^{(3),\varnothing} \oplus 1360V^{(3),(1)} \oplus 714V^{(3),(2)} \oplus 582V^{(3),(1,1)} \oplus 220V^{(3),(3)} \oplus 160V^{(3),(2,1)} \oplus 25V^{(3),(4)} \oplus 19V^{(3),(3,1)} \oplus 24V^{(2,1),\varnothing} \oplus 1360V^{(2,1),(1)} \oplus 714V^{(2,1),(2)} \oplus 582V^{(2,1),(1,1)} \oplus 220V^{(2,1),(3)} \oplus 160V^{(2,1),(2,1)} \oplus 25V^{(2,1),(4)} \oplus 19V^{(2,1),(3,1)} \oplus 18V^{(4),\varnothing} \oplus 550V^{(4),(1)} \oplus 160V^{(4),(2)} \oplus 132V^{(4),(1,1)} \oplus 19V^{(4),(3)} \oplus 10V^{(4),(2,1)} \oplus 18V^{(3,1),\varnothing} \oplus 650V^{(3,1),(1)} \oplus 216V^{(3,1),(2)} \oplus 160V^{(3,1),(1,1)} \oplus 25V^{(3,1),(3)} \oplus 13V^{(3,1),(2,1)} \oplus 18V^{(2,2),\varnothing} \oplus 550V^{(2,2),(1)} \oplus 176V^{(2,2),(2)} \oplus 140V^{(2,2),(1,1)} \oplus 23V^{(2,2),(3)} \oplus 12V^{(2,2),(2,1)} \oplus 12V^{(4,1),\varnothing} \oplus 204V^{(4,1),(1)} \oplus 7V^{(4,1),(2)} \oplus 4V^{(4,1),(1,1)} \oplus 12V^{(3,2),\varnothing} \oplus 256V^{(3,2),(1)} \oplus 9V^{(3,2),(2)} \oplus 5V^{(3,2),(1,1)} \oplus 6V^{(4,2),\varnothing} \oplus 3V^{(4,2),(1)} \oplus 6V^{(3,3),\varnothing} \oplus 3V^{(3,3),(1)}$

Table 63: Table for $\lambda = (4,3)$, $\mu = (5,2)$:

$k = 14: \quad 144V^{\varnothing,\varnothing}$
$k = 13: \quad 8293V^{\varnothing,\varnothing} \oplus 251V^{\varnothing,(1)} \oplus 239V^{(1),\varnothing}$
$k = 12: \quad 15286V^{\varnothing,\varnothing} \oplus 7156V^{\varnothing,(1)} \oplus 92V^{\varnothing,(2)} \oplus 84V^{\varnothing,(1,1)} \oplus 7048V^{(1),\varnothing} \oplus 1411V^{(1),(1)} \oplus 88V^{(2),\varnothing} \oplus 85V^{(1,1),\varnothing}$
$k = 11: \quad 14880V^{\varnothing,\varnothing} \oplus 12462V^{\varnothing,(1)} \oplus 2920V^{\varnothing,(2)} \oplus 1852V^{\varnothing,(1,1)} \oplus 32V^{\varnothing,(3)} \oplus 30V^{\varnothing,(2,1)} \oplus 12378V^{(1),\varnothing} \oplus 11200V^{(1),(1)} \oplus 407V^{(1),(2)} \oplus 383V^{(1),(1,1)} \oplus 2820V^{(2),\varnothing} \oplus 437V^{(2),(1)} \oplus 1852V^{(1,1),\varnothing} \oplus 431V^{(1,1),(1)} \oplus 30V^{(3),\varnothing} \oplus 30V^{(2,1),\varnothing}$
$k = 10: \quad 11144V^{\varnothing,\varnothing} \oplus 10596V^{\varnothing,(1)} \oplus 4570V^{\varnothing,(2)} \oplus 2830V^{\varnothing,(1,1)} \oplus 1160V^{\varnothing,(3)} \oplus 1056V^{\varnothing,(2,1)} \oplus 11V^{\varnothing,(4)} \oplus 11V^{\varnothing,(3,1)} \oplus 8V^{\varnothing,(2,2)} \oplus 10596V^{(1),\varnothing} \oplus 18806V^{(1),(1)} \oplus 4120V^{(1),(2)} \oplus 3296V^{(1),(1,1)} \oplus 101V^{(1),(3)} \oplus 97V^{(1),(2,1)} \oplus 4480V^{(2),\varnothing} \oplus 4072V^{(2),(1)} \oplus 275V^{(2),(2)} \oplus 255V^{(2),(1,1)} \oplus 2830V^{(1,1),\varnothing} \oplus 3392V^{(1,1),(1)} \oplus 267V^{(1,1),(2)} \oplus 250V^{(1,1),(1,1)} \oplus 1056V^{(3),\varnothing} \oplus 121V^{(3),(1)} \oplus 1056V^{(2,1),\varnothing} \oplus 121V^{(2,1),(1)} \oplus 8V^{(4),\varnothing} \oplus 11V^{(3,1),\varnothing} \oplus 10V^{(2,2),\varnothing}$
$k = 9: \quad 4952V^{\varnothing,\varnothing} \oplus 6896V^{\varnothing,(1)} \oplus 3120V^{\varnothing,(2)} \oplus 1920V^{\varnothing,(1,1)} \oplus 1452V^{\varnothing,(3)} \oplus 1352V^{\varnothing,(2,1)} \oplus 464V^{\varnothing,(4)} \oplus 464V^{\varnothing,(3,1)} \oplus 260V^{\varnothing,(2,2)} \oplus 3V^{\varnothing,(5)} \oplus 4V^{\varnothing,(4,1)} \oplus 3V^{\varnothing,(3,2)} \oplus 6896V^{(1),\varnothing} \oplus 17192V^{(1),(1)} \oplus 6522V^{(1),(2)} \oplus 5298V^{(1),(1,1)} \oplus 1560V^{(1),(3)} \oplus 1480V^{(1),(2,1)} \oplus 31V^{(1),(4)} \oplus 31V^{(1),(3,1)} \oplus 25V^{(1),(2,2)} \oplus 3120V^{(2),\varnothing} \oplus 6414V^{(2),(1)} \oplus 1604V^{(2),(2)} \oplus 1260V^{(2),(1,1)} \oplus 95V^{(2),(3)} \oplus 89V^{(2),(2,1)} \oplus 1920V^{(1,1),\varnothing} \oplus 5298V^{(1,1),(1)} \oplus 1308V^{(1,1),(2)} \oplus 1096V^{(1,1),(1,1)} \oplus 87V^{(1,1),(3)} \oplus 83V^{(1,1),(2,1)} \oplus 1352V^{(3),\varnothing} \oplus 1480V^{(3),(1)} \oplus 101V^{(3),(2)} \oplus 83V^{(3),(1,1)} \oplus 1352V^{(2,1),\varnothing} \oplus 1480V^{(2,1),(1)} \oplus 101V^{(2,1),(2)} \oplus 83V^{(2,1),(1,1)} \oplus 260V^{(4),\varnothing} \oplus 25V^{(4),(1)} \oplus 464V^{(3,1),\varnothing} \oplus 31V^{(3,1),(1)} \oplus 312V^{(2,2),\varnothing} \oplus 29V^{(2,2),(1)} \oplus 3V^{(4,1),\varnothing} \oplus 4V^{(3,2),\varnothing}$
$k = 8: \quad 916V^{\varnothing,\varnothing} \oplus 2196V^{\varnothing,(1)} \oplus 1356V^{\varnothing,(2)} \oplus 888V^{\varnothing,(1,1)} \oplus 688V^{\varnothing,(3)} \oplus 688V^{\varnothing,(2,1)} \oplus 384V^{\varnothing,(4)} \oplus 384V^{\varnothing,(3,1)} \oplus 234V^{\varnothing,(2,2)} \oplus 104V^{\varnothing,(5)} \oplus 180V^{\varnothing,(4,1)} \oplus 104V^{\varnothing,(3,2)} \oplus V^{\varnothing,(5,1)} \oplus V^{\varnothing,(4,2)} \oplus 2280V^{(1),\varnothing} \oplus 11828V^{(1),(1)} \oplus 5136V^{(1),(2)} \oplus 4400V^{(1),(1,1)} \oplus 2166V^{(1),(3)} \oplus 2094V^{(1),(2,1)} \oplus 592V^{(1),(4)} \oplus 592V^{(1),(3,1)} \oplus 448V^{(1),(2,2)} \oplus 7V^{(1),(5)} \oplus 9V^{(1),(4,1)} \oplus 7V^{(1),(3,2)} \oplus 1356V^{(2),\varnothing} \oplus 5136V^{(2),(1)} \oplus 2294V^{(2),(2)} \oplus 1838V^{(2),(1,1)} \oplus 612V^{(2),(3)} \oplus 564V^{(2),(2,1)} \oplus 29V^{(2),(4)} \oplus 29V^{(2),(3,1)} \oplus 21V^{(2),(2,2)} \oplus 888V^{(1,1),\varnothing} \oplus 4400V^{(1,1),(1)} \oplus 1862V^{(1,1),(2)} \oplus 1604V^{(1,1),(1,1)} \oplus 484V^{(1,1),(3)} \oplus 452V^{(1,1),(2,1)} \oplus 23V^{(1,1),(4)} \oplus 23V^{(1,1),(3,1)} \oplus 18V^{(1,1),(2,2)} \oplus 688V^{(3),\varnothing} \oplus 2094V^{(3),(1)} \oplus 588V^{(3),(2)} \oplus 452V^{(3),(1,1)} \oplus 65V^{(3),(3)} \oplus 61V^{(3),(2,1)} \oplus 688V^{(2,1),\varnothing} \oplus 2094V^{(2,1),(1)} \oplus 588V^{(2,1),(2)} \oplus 452V^{(2,1),(1,1)} \oplus 65V^{(2,1),(3)} \oplus 61V^{(2,1),(2,1)} \oplus 234V^{(4),\varnothing} \oplus 448V^{(4),(1)} \oplus 27V^{(4),(2)} \oplus 18V^{(4),(1,1)} \oplus 384V^{(3,1),\varnothing} \oplus 592V^{(3,1),(1)} \oplus 35V^{(3,1),(2)} \oplus 23V^{(3,1),(1,1)} \oplus 234V^{(2,2),\varnothing} \oplus 488V^{(2,2),(1)} \oplus 33V^{(2,2),(2)} \oplus 22V^{(2,2),(1,1)} \oplus 104V^{(4,1),\varnothing} \oplus 7V^{(4,1),(1)} \oplus 180V^{(3,2),\varnothing} \oplus 9V^{(3,2),(1)} \oplus V^{(4,2),\varnothing} \oplus V^{(3,3),\varnothing}$
$k = 7:$ $196V^{\varnothing,(1)} \oplus 126V^{\varnothing,(2)} \oplus 126V^{\varnothing,(1,1)} \oplus 84V^{\varnothing,(3)} \oplus 84V^{\varnothing,(2,1)} \oplus 42V^{\varnothing,(4)} \oplus 42V^{\varnothing,(3,1)} \oplus 42V^{\varnothing,(2,2)} \oplus 28V^{\varnothing,(5)} \oplus 28V^{\varnothing,(4,1)} \oplus 28V^{\varnothing,(3,2)} \oplus 14V^{\varnothing,(5,1)} \oplus 14V^{\varnothing,(4,2)} \oplus 196V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2580V^{(1),(1,1)} \oplus 1360V^{(1),(3)} \oplus 1360V^{(1),(2,1)} \oplus 650V^{(1),(4)} \oplus 650V^{(1),(3,1)} \oplus 550V^{(1),(2,2)} \oplus 204V^{(1),(5)} \oplus 256V^{(1),(4,1)} \oplus 204V^{(1),(3,2)} \oplus 3V^{(1),(5,1)} \oplus 3V^{(1),(4,2)} \oplus 140V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1580V^{(2),(2)} \oplus 1352V^{(2),(1,1)} \oplus 774V^{(2),(3)} \oplus 738V^{(2),(2,1)} \oplus 232V^{(2),(4)} \oplus 232V^{(2),(3,1)} \oplus 168V^{(2),(2,2)} \oplus 9V^{(2),(5)} \oplus 11V^{(2),(4,1)} \oplus 9V^{(2),(3,2)} \oplus 140V^{(1,1),\varnothing} \oplus 2580V^{(1,1),(1)} \oplus 1352V^{(1,1),(2)} \oplus 1232V^{(1,1),(1,1)} \oplus 630V^{(1,1),(3)} \oplus 606V^{(1,1),(2,1)} \oplus 176V^{(1,1),(4)} \oplus 176V^{(1,1),(3,1)} \oplus 140V^{(1,1),(2,2)} \oplus 6V^{(1,1),(5)} \oplus 7V^{(1,1),(4,1)} \oplus 6V^{(1,1),(3,2)} \oplus 84V^{(3),\varnothing} \oplus 1360V^{(3),(1)} \oplus 738V^{(3),(2)} \oplus 606V^{(3),(1,1)} \oplus 236V^{(3),(3)} \oplus 220V^{(3),(2,1)} \oplus 25V^{(3),(4)} \oplus 25V^{(3),(3,1)} \oplus 19V^{(3),(2,2)} \oplus 84V^{(2,1),\varnothing} \oplus 1360V^{(2,1),(1)} \oplus 738V^{(2,1),(2)} \oplus 606V^{(2,1),(1,1)} \oplus 236V^{(2,1),(3)} \oplus 220V^{(2,1),(2,1)} \oplus 25V^{(2,1),(4)} \oplus 25V^{(2,1),(3,1)} \oplus 19V^{(2,1),(2,2)} \oplus 42V^{(4),\varnothing} \oplus 550V^{(4),(1)} \oplus 168V^{(4),(2)} \oplus 140V^{(4),(1,1)} \oplus 21V^{(4),(3)} \oplus 19V^{(4),(2,1)} \oplus 42V^{(3,1),\varnothing} \oplus 650V^{(3,1),(1)} \oplus 232V^{(3,1),(2)} \oplus 176V^{(3,1),(1,1)} \oplus 29V^{(3,1),(3)} \oplus 25V^{(3,1),(2,1)} \oplus 42V^{(2,2),\varnothing} \oplus 550V^{(2,2),(1)} \oplus 192V^{(2,2),(2)} \oplus 156V^{(2,2),(1,1)} \oplus 27V^{(2,2),(3)} \oplus$	

Table 64: Table for $\lambda = (4,3)$, $\mu = (5,1,1)$:

$k = 14: \quad 34V^{\varnothing,\varnothing}$
$k = 13: \quad 8062V^{\varnothing,\varnothing} \oplus 253V^{\varnothing,(1)} \oplus 293V^{(1),\varnothing}$
$k = 12: \quad 15192V^{\varnothing,\varnothing} \oplus 7676V^{\varnothing,(1)} \oplus 92V^{\varnothing,(2)} \oplus 85V^{\varnothing,(1,1)} \oplus 7368V^{(1),\varnothing} \oplus 1415V^{(1),(1)} \oplus 111V^{(2),\varnothing} \oplus 108V^{(1,1),\varnothing}$
$k = 11: \quad 14884V^{\varnothing,\varnothing} \oplus 13362V^{\varnothing,(1)} \oplus 2920V^{\varnothing,(2)} \oplus 2612V^{\varnothing,(1,1)} \oplus 32V^{\varnothing,(3)} \oplus 30V^{\varnothing,(2,1)} \oplus 22V^{\varnothing,(1,1,1)} \oplus 12750V^{(1),\varnothing} \oplus 11600V^{(1),(1)} \oplus 407V^{(1),(2)} \oplus 385V^{(1),(1,1)} \oplus 2926V^{(2),\varnothing} \oplus 443V^{(2),(1)} \oplus 1958V^{(1,1),\varnothing} \oplus 435V^{(1,1),(1)} \oplus 37V^{(3),\varnothing} \oplus 37V^{(2,1),\varnothing}$
$k = 10: \quad 10976V^{\varnothing,\varnothing} \oplus 11236V^{\varnothing,(1)} \oplus 4570V^{\varnothing,(2)} \oplus 4180V^{\varnothing,(1,1)} \oplus 1160V^{\varnothing,(3)} \oplus 1056V^{\varnothing,(2,1)} \oplus 598V^{\varnothing,(1,1,1)} \oplus 11V^{\varnothing,(4)} \oplus 11V^{\varnothing,(3,1)} \oplus 8V^{\varnothing,(2,1,1)} \oplus 11638V^{(1),\varnothing} \oplus 19454V^{(1),(1)} \oplus 4120V^{(1),(2)} \oplus 3816V^{(1),(1,1)} \oplus 101V^{(1),(3)} \oplus 97V^{(1),(2,1)} \oplus 73V^{(1),(1,1,1)} \oplus 4566V^{(2),\varnothing} \oplus 4312V^{(2),(1)} \oplus 275V^{(2),(2)} \oplus 257V^{(2),(1,1)} \oplus 2916V^{(1,1),\varnothing} \oplus 3552V^{(1,1),(1)} \oplus 267V^{(1,1),(2)} \oplus 251V^{(1,1),(1,1)} \oplus 1086V^{(3),\varnothing} \oplus 125V^{(3),(1)} \oplus 1086V^{(2,1),\varnothing} \oplus 125V^{(2,1),(1)} \oplus 9V^{(4),\varnothing} \oplus 12V^{(3,1),\varnothing} \oplus 11V^{(2,2),\varnothing}$
$k = 9: \quad 4770V^{\varnothing,\varnothing} \oplus 7136V^{\varnothing,(1)} \oplus 3120V^{\varnothing,(2)} \oplus 2960V^{\varnothing,(1,1)} \oplus 1452V^{\varnothing,(3)} \oplus 1352V^{\varnothing,(2,1)} \oplus 802V^{\varnothing,(1,1,1)} \oplus 464V^{\varnothing,(4)} \oplus 464V^{\varnothing,(3,1)} \oplus 260V^{\varnothing,(2,1,1)} \oplus 3V^{\varnothing,(5)} \oplus 4V^{\varnothing,(4,1)} \oplus 3V^{\varnothing,(3,1,1)} \oplus 7185V^{(1),\varnothing} \oplus 17576V^{(1),(1)} \oplus 6522V^{(1),(2)} \oplus 6198V^{(1),(1,1)} \oplus 1560V^{(1),(3)} \oplus 1480V^{(1),(2,1)} \oplus 1120V^{(1),(1,1,1)} \oplus 31V^{(1),(4)} \oplus 31V^{(1),(3,1)} \oplus 25V^{(1),(2,1,1)} \oplus 3400V^{(2),\varnothing} \oplus 6738V^{(2),(1)} \oplus 1604V^{(2),(2)} \oplus 1460V^{(2),(1,1)} \oplus 95V^{(2),(3)} \oplus 89V^{(2),(2,1)} \oplus 69V^{(2),(1,1,1)} \oplus 2200V^{(1,1),\varnothing} \oplus 5514V^{(1,1),(1)} \oplus 1308V^{(1,1),(2)} \oplus 1196V^{(1,1),(1,1)} \oplus 87V^{(1,1),(3)} \oplus 83V^{(1,1),(2,1)} \oplus 66V^{(1,1),(1,1,1)} \oplus 1370V^{(3),\varnothing} \oplus 1560V^{(3),(1)} \oplus 101V^{(3),(2)} \oplus 85V^{(3),(1,1)} \oplus 1370V^{(2,1),\varnothing} \oplus 1560V^{(2,1),(1)} \oplus 101V^{(2,1),(2)} \oplus 85V^{(2,1),(1,1)} \oplus 264V^{(4),\varnothing} \oplus 27V^{(4),(1)} \oplus 468V^{(3,1),\varnothing} \oplus 35V^{(3,1),(1)} \oplus 316V^{(2,2),\varnothing} \oplus 33V^{(2,2),(1)} \oplus 3V^{(4,1),\varnothing} \oplus 4V^{(3,2),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 2196V^{\varnothing,(1)} \oplus 1356V^{\varnothing,(2)} \oplus 1356V^{\varnothing,(1,1)} \oplus 688V^{\varnothing,(3)} \oplus 688V^{\varnothing,(2,1)} \oplus 428V^{\varnothing,(1,1,1)} \oplus 384V^{\varnothing,(4)} \oplus 384V^{\varnothing,(3,1)} \oplus 234V^{\varnothing,(2,1,1)} \oplus 104V^{\varnothing,(5)} \oplus 180V^{\varnothing,(4,1)} \oplus 104V^{\varnothing,(3,1,1)} \oplus V^{\varnothing,(5,1)} \oplus V^{\varnothing,(4,1,1)} \oplus 2430V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 5136V^{(1),(2)} \oplus 5040V^{(1),(1,1)} \oplus 2166V^{(1),(3)} \oplus 2094V^{(1),(2,1)} \oplus 1722V^{(1),(1,1,1)} \oplus 592V^{(1),(4)} \oplus 592V^{(1),(3,1)} \oplus 448V^{(1),(2,1,1)} \oplus 7V^{(1),(5)} \oplus 9V^{(1),(4,1)} \oplus 7V^{(1),(3,1,1)} \oplus 1461V^{(2),\varnothing} \oplus 5280V^{(2),(1)} \oplus 2294V^{(2),(2)} \oplus 2162V^{(2),(1,1)} \oplus 612V^{(2),(3)} \oplus 564V^{(2),(2,1)} \oplus 412V^{(2),(1,1,1)} \oplus 29V^{(2),(4)} \oplus 29V^{(2),(3,1)} \oplus 21V^{(2),(2,1,1)} \oplus 993V^{(1,1),\varnothing} \oplus 4496V^{(1,1),(1)} \oplus 1862V^{(1,1),(2)} \oplus 1766V^{(1,1),(1,1)} \oplus 484V^{(1,1),(3)} \oplus 452V^{(1,1),(2,1)} \oplus 356V^{(1,1),(1,1,1)} \oplus 23V^{(1,1),(4)} \oplus 23V^{(1,1),(3,1)} \oplus 18V^{(1,1),(2,1,1)} \oplus 760V^{(3),\varnothing} \oplus 2166V^{(3),(1)} \oplus 588V^{(3),(2)} \oplus 532V^{(3),(1,1)} \oplus 65V^{(3),(3)} \oplus 61V^{(3),(2,1)} \oplus 43V^{(3),(1,1,1)} \oplus 760V^{(2,1),\varnothing} \oplus 2166V^{(2,1),(1)} \oplus 588V^{(2,1),(2)} \oplus 532V^{(2,1),(1,1)} \oplus 65V^{(2,1),(3)} \oplus 61V^{(2,1),(2,1)} \oplus 43V^{(2,1),(1,1,1)} \oplus 240V^{(4),\varnothing} \oplus 468V^{(4),(1)} \oplus 27V^{(4),(2)} \oplus 19V^{(4),(1,1)} \oplus 390V^{(3,1),\varnothing} \oplus 632V^{(3,1),(1)} \oplus 35V^{(3,1),(2)} \oplus 25V^{(3,1),(1,1)} \oplus 240V^{(2,2),\varnothing} \oplus 528V^{(2,2),(1)} \oplus 33V^{(2,2),(2)} \oplus 23V^{(2,2),(1,1)} \oplus 106V^{(4,1),\varnothing} \oplus 9V^{(4,1),(1)} \oplus 182V^{(3,2),\varnothing} \oplus 11V^{(3,2),(1)} \oplus V^{(4,2),\varnothing} \oplus V^{(3,3),\varnothing}$
$k = 7: \quad 196V^{\varnothing,(1)} \oplus 126V^{\varnothing,(2)} \oplus 126V^{\varnothing,(1,1)} \oplus 84V^{\varnothing,(3)} \oplus 84V^{\varnothing,(2,1)} \oplus 84V^{\varnothing,(1,1,1)} \oplus 42V^{\varnothing,(4)} \oplus 42V^{\varnothing,(3,1)} \oplus 42V^{\varnothing,(2,1,1)} \oplus 28V^{\varnothing,(5)} \oplus 28V^{\varnothing,(4,1)} \oplus 28V^{\varnothing,(3,1,1)} \oplus 14V^{\varnothing,(5,1)} \oplus 14V^{\varnothing,(4,1,1)} \oplus 225V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1360V^{(1),(3)} \oplus 1360V^{(1),(2,1)} \oplus 1200V^{(1),(1,1,1)} \oplus 650V^{(1),(4)} \oplus 650V^{(1),(3,1)} \oplus 550V^{(1),(2,1,1)} \oplus 204V^{(1),(5)} \oplus 256V^{(1),(4,1)} \oplus 204V^{(1),(3,1,1)} \oplus 3V^{(1),(5,1)} \oplus 3V^{(1),(4,1,1)} \oplus 165V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1580V^{(2),(2)} \oplus 1544V^{(2),(1,1)} \oplus 774V^{(2),(3)} \oplus 738V^{(2),(2,1)} \oplus 594V^{(2),(1,1,1)} \oplus 232V^{(2),(4)} \oplus 232V^{(2),(3,1)} \oplus 168V^{(2),(2,1,1)} \oplus 9V^{(2),(5)} \oplus 11V^{(2),(4,1)} \oplus 9V^{(2),(3,1,1)} \oplus 165V^{(1,1),\varnothing} \oplus 2580V^{(1,1),(1)} \oplus 1352V^{(1,1),(2)} \oplus 1328V^{(1,1),(1,1)} \oplus 630V^{(1,1),(3)} \oplus 606V^{(1,1),(2,1)} \oplus 528V^{(1,1),(1,1,1)} \oplus 176V^{(1,1),(4)} \oplus 176V^{(1,1),(3,1)} \oplus 140V^{(1,1),(2,1,1)} \oplus 6V^{(1,1),(5)} \oplus 7V^{(1,1),(4,1)} \oplus 6V^{(1,1),(3,1,1)} \oplus 105V^{(3),\varnothing} \oplus 1360V^{(3),(1)} \oplus 738V^{(3),(2)} \oplus 714V^{(3),(1,1)} \oplus 236V^{(3),(3)} \oplus 220V^{(3),(2,1)} \oplus 160V^{(3),(1,1,1)} \oplus 25V^{(3),(4)} \oplus 25V^{(3),(3,1)} \oplus 19V^{(3),(2,1,1)} \oplus$

Table 65: Table for $\lambda = (4,3)$, $\mu = (4,3)$:

$k = 14: \quad 365V^{\varnothing,\varnothing}$
$k = 13: \quad 8318V^{\varnothing,\varnothing} \oplus 237V^{\varnothing,(1)} \oplus 237V^{(1),\varnothing}$
$k = 12: \quad 15286V^{\varnothing,\varnothing} \oplus 7044V^{\varnothing,(1)} \oplus 87V^{\varnothing,(2)} \oplus 84V^{\varnothing,(1,1)} \oplus 7044V^{(1),\varnothing} \oplus 1363V^{(1),(1)} \oplus 87V^{(2),\varnothing} \oplus 84V^{(1,1),\varnothing}$
$k = 11: \quad 14880V^{\varnothing,\varnothing} \oplus 12378V^{\varnothing,(1)} \oplus 2820V^{\varnothing,(2)} \oplus 1852V^{\varnothing,(1,1)} \oplus 30V^{\varnothing,(3)} \oplus 30V^{\varnothing,(2,1)} \oplus 12378V^{(1),\varnothing} \oplus 11008V^{(1),(1)} \oplus 389V^{(1),(2)} \oplus 383V^{(1),(1,1)} \oplus 2820V^{(2),\varnothing} \oplus 389V^{(2),(1)} \oplus 1852V^{(1,1),\varnothing} \oplus 383V^{(1,1),(1)} \oplus 30V^{(3),\varnothing} \oplus 30V^{(2,1),\varnothing}$
$k = 10: \quad 11144V^{\varnothing,\varnothing} \oplus 10596V^{\varnothing,(1)} \oplus 4480V^{\varnothing,(2)} \oplus 2830V^{\varnothing,(1,1)} \oplus 1056V^{\varnothing,(3)} \oplus 1056V^{\varnothing,(2,1)} \oplus 8V^{\varnothing,(4)} \oplus 11V^{\varnothing,(3,1)} \oplus 10V^{\varnothing,(2,2)} \oplus 10596V^{(1),\varnothing} \oplus 18710V^{(1),(1)} \oplus 3976V^{(1),(2)} \oplus 3296V^{(1),(1,1)} \oplus 97V^{(1),(3)} \oplus 97V^{(1),(2,1)} \oplus 4480V^{(2),\varnothing} \oplus 3976V^{(2),(1)} \oplus 263V^{(2),(2)} \oplus 255V^{(2),(1,1)} \oplus 2830V^{(1,1),\varnothing} \oplus 3296V^{(1,1),(1)} \oplus 255V^{(1,1),(2)} \oplus 250V^{(1,1),(1,1)} \oplus 1056V^{(3),\varnothing} \oplus 97V^{(3),(1)} \oplus 1056V^{(2,1),\varnothing} \oplus 97V^{(2,1),(1)} \oplus 8V^{(4),\varnothing} \oplus 11V^{(3,1),\varnothing} \oplus 10V^{(2,2),\varnothing}$
$k = 9: \quad 4952V^{\varnothing,\varnothing} \oplus 6896V^{\varnothing,(1)} \oplus 3120V^{\varnothing,(2)} \oplus 1920V^{\varnothing,(1,1)} \oplus 1352V^{\varnothing,(3)} \oplus 1352V^{\varnothing,(2,1)} \oplus 260V^{\varnothing,(4)} \oplus 464V^{\varnothing,(3,1)} \oplus 312V^{\varnothing,(2,2)} \oplus 3V^{\varnothing,(4,1)} \oplus 4V^{\varnothing,(3,2)} \oplus 6896V^{(1),\varnothing} \oplus 17192V^{(1),(1)} \oplus 6414V^{(1),(2)} \oplus 5298V^{(1),(1,1)} \oplus 1480V^{(1),(3)} \oplus 1480V^{(1),(2,1)} \oplus 25V^{(1),(4)} \oplus 31V^{(1),(3,1)} \oplus 29V^{(1),(2,2)} \oplus 3120V^{(2),\varnothing} \oplus 6414V^{(2),(1)} \oplus 1556V^{(2),(2)} \oplus 1260V^{(2),(1,1)} \oplus 89V^{(2),(3)} \oplus 89V^{(2),(2,1)} \oplus 1920V^{(1,1),\varnothing} \oplus 5298V^{(1,1),(1)} \oplus 1260V^{(1,1),(2)} \oplus 1096V^{(1,1),(1,1)} \oplus 83V^{(1,1),(3)} \oplus 83V^{(1,1),(2,1)} \oplus 1352V^{(3),\varnothing} \oplus 1480V^{(3),(1)} \oplus 89V^{(3),(2)} \oplus 83V^{(3),(1,1)} \oplus 1352V^{(2,1),\varnothing} \oplus 1480V^{(2,1),(1)} \oplus 89V^{(2,1),(2)} \oplus 83V^{(2,1),(1,1)} \oplus 260V^{(4),\varnothing} \oplus 25V^{(4),(1)} \oplus 464V^{(3,1),\varnothing} \oplus 31V^{(3,1),(1)} \oplus 312V^{(2,2),\varnothing} \oplus 29V^{(2,2),(1)} \oplus 3V^{(4,1),\varnothing} \oplus 4V^{(3,2),\varnothing}$
$k = 8: \quad 1112V^{\varnothing,\varnothing} \oplus 2196V^{\varnothing,(1)} \oplus 1356V^{\varnothing,(2)} \oplus 888V^{\varnothing,(1,1)} \oplus 688V^{\varnothing,(3)} \oplus 688V^{\varnothing,(2,1)} \oplus 234V^{\varnothing,(4)} \oplus 384V^{\varnothing,(3,1)} \oplus 234V^{\varnothing,(2,2)} \oplus 104V^{\varnothing,(4,1)} \oplus 180V^{\varnothing,(3,2)} \oplus V^{\varnothing,(4,2)} \oplus V^{\varnothing,(3,3)} \oplus 2196V^{(1),\varnothing} \oplus 11828V^{(1),(1)} \oplus 5136V^{(1),(2)} \oplus 4400V^{(1),(1,1)} \oplus 2094V^{(1),(3)} \oplus 2094V^{(1),(2,1)} \oplus 448V^{(1),(4)} \oplus 592V^{(1),(3,1)} \oplus 488V^{(1),(2,2)} \oplus 7V^{(1),(4,1)} \oplus 9V^{(1),(3,2)} \oplus 1356V^{(2),\varnothing} \oplus 5136V^{(2),(1)} \oplus 2270V^{(2),(2)} \oplus 1838V^{(2),(1,1)} \oplus 564V^{(2),(3)} \oplus 564V^{(2),(2,1)} \oplus 21V^{(2),(4)} \oplus 29V^{(2),(3,1)} \oplus 27V^{(2),(2,2)} \oplus 888V^{(1,1),\varnothing} \oplus 4400V^{(1,1),(1)} \oplus 1838V^{(1,1),(2)} \oplus 1604V^{(1,1),(1,1)} \oplus 452V^{(1,1),(3)} \oplus 452V^{(1,1),(2,1)} \oplus 18V^{(1,1),(4)} \oplus 23V^{(1,1),(3,1)} \oplus 22V^{(1,1),(2,2)} \oplus 688V^{(3),\varnothing} \oplus 2094V^{(3),(1)} \oplus 564V^{(3),(2)} \oplus 452V^{(3),(1,1)} \oplus 61V^{(3),(3)} \oplus 61V^{(3),(2,1)} \oplus 688V^{(2,1),\varnothing} \oplus 2094V^{(2,1),(1)} \oplus 564V^{(2,1),(2)} \oplus 452V^{(2,1),(1,1)} \oplus 61V^{(2,1),(3)} \oplus 61V^{(2,1),(2,1)} \oplus 234V^{(4),\varnothing} \oplus 448V^{(4),(1)} \oplus 21V^{(4),(2)} \oplus 18V^{(4),(1,1)} \oplus 384V^{(3,1),\varnothing} \oplus 592V^{(3,1),(1)} \oplus 29V^{(3,1),(2)} \oplus 23V^{(3,1),(1,1)} \oplus 234V^{(2,2),\varnothing} \oplus 488V^{(2,2),(1)} \oplus 27V^{(2,2),(2)} \oplus 22V^{(2,2),(1,1)} \oplus 104V^{(4,1),\varnothing} \oplus 7V^{(4,1),(1)} \oplus 180V^{(3,2),\varnothing} \oplus 9V^{(3,2),(1)} \oplus V^{(4,2),\varnothing} \oplus V^{(3,3),\varnothing}$
$k = 7: \quad 196V^{\varnothing,\varnothing} \oplus 196V^{\varnothing,(1)} \oplus 126V^{\varnothing,(2)} \oplus 126V^{\varnothing,(1,1)} \oplus 84V^{\varnothing,(3)} \oplus 84V^{\varnothing,(2,1)} \oplus 42V^{\varnothing,(4)} \oplus 42V^{\varnothing,(3,1)} \oplus 42V^{\varnothing,(2,2)} \oplus 28V^{\varnothing,(4,1)} \oplus 28V^{\varnothing,(3,2)} \oplus 14V^{\varnothing,(4,2)} \oplus 14V^{\varnothing,(3,3)} \oplus 196V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2580V^{(1),(1,1)} \oplus 1360V^{(1),(3)} \oplus 1360V^{(1),(2,1)} \oplus 550V^{(1),(4)} \oplus 650V^{(1),(3,1)} \oplus 550V^{(1),(2,2)} \oplus 204V^{(1),(4,1)} \oplus 256V^{(1),(3,2)} \oplus 3V^{(1),(4,2)} \oplus 3V^{(1),(3,3)} \oplus 126V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1580V^{(2),(2)} \oplus 1352V^{(2),(1,1)} \oplus 738V^{(2),(3)} \oplus 738V^{(2),(2,1)} \oplus 168V^{(2),(4)} \oplus 232V^{(2),(3,1)} \oplus 192V^{(2),(2,2)} \oplus 9V^{(2),(4,1)} \oplus 11V^{(2),(3,2)} \oplus 126V^{(1,1),\varnothing} \oplus 2580V^{(1,1),(1)} \oplus 1352V^{(1,1),(2)} \oplus 1232V^{(1,1),(1,1)} \oplus 606V^{(1,1),(3)} \oplus 606V^{(1,1),(2,1)} \oplus 140V^{(1,1),(4)} \oplus 176V^{(1,1),(3,1)} \oplus 156V^{(1,1),(2,2)} \oplus 6V^{(1,1),(4,1)} \oplus 7V^{(1,1),(3,2)} \oplus 84V^{(3),\varnothing} \oplus 1360V^{(3),(1)} \oplus 738V^{(3),(2)} \oplus 606V^{(3),(1,1)} \oplus 220V^{(3),(3)} \oplus 220V^{(3),(2,1)} \oplus 19V^{(3),(4)} \oplus 25V^{(3),(3,1)} \oplus 23V^{(3),(2,2)} \oplus 84V^{(2,1),\varnothing} \oplus 1360V^{(2,1),(1)} \oplus 738V^{(2,1),(2)} \oplus 606V^{(2,1),(1,1)} \oplus 220V^{(2,1),(3)} \oplus 220V^{(2,1),(2,1)} \oplus 19V^{(2,1),(4)} \oplus 25V^{(2,1),(3,1)} \oplus 23V^{(2,1),(2,2)} \oplus 42V^{(4),\varnothing} \oplus 550V^{(4),(1)} \oplus 168V^{(4),(2)} \oplus 140V^{(4),(1,1)} \oplus 19V^{(4),(3)} \oplus 19V^{(4),(2,1)} \oplus 42V^{(3,1),\varnothing} \oplus 650V^{(3,1),(1)} \oplus 232V^{(3,1),(2)} \oplus 176V^{(3,1),(1,1)} \oplus 25V^{(3,1),(3)} \oplus 25V^{(3,1),(2,1)} \oplus 42V^{(2,2),\varnothing} \oplus 550V^{(2,2),(1)} \oplus 192V^{(2,2),(2)} \oplus 156V^{(2,2),(1,1)} \oplus 23V^{(2,2),(3)} \oplus 23V^{(2,2),(2,1)} \oplus 28V^{(4,1),\varnothing} \oplus 204V^{(4,1),(1)} \oplus 9V^{(4,1),(2)} \oplus 6V^{(4,1),(1,1)} \oplus 28V^{(3,2),\varnothing} \oplus$

Table 66: Table for $\lambda = (4,3)$, $\mu = (4,2,1)$:

$k = 14: \quad 144V^{\varnothing,\varnothing}$
$k = 13: \quad 8587V^{\varnothing,\varnothing} \oplus 313V^{\varnothing,(1)} \oplus 711V^{(1),\varnothing}$
$k = 12: \quad 15874V^{\varnothing,\varnothing} \oplus 8070V^{\varnothing,(1)} \oplus 113V^{\varnothing,(2)} \oplus 111V^{\varnothing,(1,1)} \oplus 9148V^{(1),\varnothing} \oplus 1721V^{(1),(1)} \oplus 168V^{(2),\varnothing} \oplus 165V^{(1,1),\varnothing}$
$k = 11: \quad 15468V^{\varnothing,\varnothing} \oplus 13716V^{\varnothing,(1)} \oplus 3284V^{\varnothing,(2)} \oplus 3076V^{\varnothing,(1,1)} \oplus 37V^{\varnothing,(3)} \oplus 40V^{\varnothing,(2,1)} \oplus 29V^{\varnothing,(1,1,1)} \oplus 15798V^{(1),\varnothing} \oplus 12320V^{(1),(1)} \oplus 477V^{(1),(2)} \oplus 473V^{(1),(1,1)} \oplus 3478V^{(2),\varnothing} \oplus 623V^{(2),(1)} \oplus 2510V^{(1,1),\varnothing} \oplus 615V^{(1,1),(1)} \oplus 41V^{(3),\varnothing} \oplus 41V^{(2,1),\varnothing}$
$k = 10: \quad 12026V^{\varnothing,\varnothing} \oplus 11356V^{\varnothing,(1)} \oplus 4960V^{\varnothing,(2)} \oplus 4660V^{\varnothing,(1,1)} \oplus 1210V^{\varnothing,(3)} \oplus 1618V^{\varnothing,(2,1)} \oplus 752V^{\varnothing,(1,1,1)} \oplus 10V^{\varnothing,(4)} \oplus 14V^{\varnothing,(3,1)} \oplus 11V^{\varnothing,(2,2)} \oplus 11V^{\varnothing,(2,1,1)} \oplus 15358V^{(1),\varnothing} \oplus 19874V^{(1),(1)} \oplus 4520V^{(1),(2)} \oplus 4360V^{(1),(1,1)} \oplus 119V^{(1),(3)} \oplus 125V^{(1),(2,1)} \oplus 95V^{(1),(1,1,1)} \oplus 5566V^{(2),\varnothing} \oplus 4504V^{(2),(1)} \oplus 341V^{(2),(2)} \oplus 335V^{(2),(1,1)} \oplus 3916V^{(1,1),\varnothing} \oplus 3744V^{(1,1),(1)} \oplus 331V^{(1,1),(2)} \oplus 327V^{(1,1),(1,1)} \oplus 1286V^{(3),\varnothing} \oplus 161V^{(3),(1)} \oplus 1286V^{(2,1),\varnothing} \oplus 161V^{(2,1),(1)} \oplus 9V^{(4),\varnothing} \oplus 12V^{(3,1),\varnothing} \oplus 11V^{(2,2),\varnothing}$
$k = 9: \quad 5540V^{\varnothing,\varnothing} \oplus 7136V^{\varnothing,(1)} \oplus 3280V^{\varnothing,(2)} \oplus 3120V^{\varnothing,(1,1)} \oplus 1452V^{\varnothing,(3)} \oplus 2002V^{\varnothing,(2,1)} \oplus 902V^{\varnothing,(1,1,1)} \oplus 312V^{\varnothing,(4)} \oplus 668V^{\varnothing,(3,1)} \oplus 464V^{\varnothing,(2,2)} \oplus 464V^{\varnothing,(2,1,1)} \oplus 4V^{\varnothing,(4,1)} \oplus 4V^{\varnothing,(3,2)} \oplus 4V^{\varnothing,(3,1,1)} \oplus 3V^{\varnothing,(2,2,1)} \oplus 11425V^{(1),\varnothing} \oplus 17684V^{(1),(1)} \oplus 6846V^{(1),(2)} \oplus 6630V^{(1),(1,1)} \oplus 1632V^{(1),(3)} \oplus 1920V^{(1),(2,1)} \oplus 1272V^{(1),(1,1,1)} \oplus 29V^{(1),(4)} \oplus 37V^{(1),(3,1)} \oplus 31V^{(1),(2,2)} \oplus 31V^{(1),(2,1,1)} \oplus 4520V^{(2),\varnothing} \oplus 6810V^{(2),(1)} \oplus 1796V^{(2),(2)} \oplus 1700V^{(2),(1,1)} \oplus 107V^{(2),(3)} \oplus 115V^{(2),(2,1)} \oplus 87V^{(2),(1,1,1)} \oplus 3320V^{(1,1),\varnothing} \oplus 5586V^{(1,1),(1)} \oplus 1468V^{(1,1),(2)} \oplus 1404V^{(1,1),(1,1)} \oplus 99V^{(1,1),(3)} \oplus 104V^{(1,1),(2,1)} \oplus 82V^{(1,1),(1,1,1)} \oplus 1730V^{(3),\varnothing} \oplus 1608V^{(3),(1)} \oplus 141V^{(3),(2)} \oplus 137V^{(3),(1,1)} \oplus 1730V^{(2,1),\varnothing} \oplus 1608V^{(2,1),(1)} \oplus 141V^{(2,1),(2)} \oplus 137V^{(2,1),(1,1)} \oplus 344V^{(4),\varnothing} \oplus 33V^{(4),(1)} \oplus 548V^{(3,1),\varnothing} \oplus 41V^{(3,1),(1)} \oplus 396V^{(2,2),\varnothing} \oplus 39V^{(2,2),(1)} \oplus 3V^{(4,1),\varnothing} \oplus 4V^{(3,2),\varnothing}$
$k = 8: \quad 1210V^{\varnothing,\varnothing} \oplus 2196V^{\varnothing,(1)} \oplus 1356V^{\varnothing,(2)} \oplus 1356V^{\varnothing,(1,1)} \oplus 688V^{\varnothing,(3)} \oplus 948V^{\varnothing,(2,1)} \oplus 428V^{\varnothing,(1,1,1)} \oplus 234V^{\varnothing,(4)} \oplus 534V^{\varnothing,(3,1)} \oplus 384V^{\varnothing,(2,2)} \oplus 384V^{\varnothing,(2,1,1)} \oplus 180V^{\varnothing,(4,1)} \oplus 180V^{\varnothing,(3,2)} \oplus 180V^{\varnothing,(3,1,1)} \oplus 104V^{\varnothing,(2,2,1)} \oplus V^{\varnothing,(4,2)} \oplus V^{\varnothing,(4,1,1)} \oplus V^{\varnothing,(3,2,1)} \oplus 5640V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 5232V^{(1),(2)} \oplus 5136V^{(1),(1,1)} \oplus 2166V^{(1),(3)} \oplus 2538V^{(1),(2,1)} \oplus 1794V^{(1),(1,1,1)} \oplus 488V^{(1),(4)} \oplus 736V^{(1),(3,1)} \oplus 592V^{(1),(2,2)} \oplus 592V^{(1),(2,1,1)} \oplus 9V^{(1),(4,1)} \oplus 9V^{(1),(3,2)} \oplus 9V^{(1),(3,1,1)} \oplus 7V^{(1),(2,2,1)} \oplus 2511V^{(2),\varnothing} \oplus 5280V^{(2),(1)} \oplus 2426V^{(2),(2)} \oplus 2318V^{(2),(1,1)} \oplus 636V^{(2),(3)} \oplus 764V^{(2),(2,1)} \oplus 484V^{(2),(1,1,1)} \oplus 27V^{(2),(4)} \oplus 37V^{(2),(3,1)} \oplus 29V^{(2),(2,2)} \oplus 29V^{(2),(2,1,1)} \oplus 2043V^{(1,1),\varnothing} \oplus 4496V^{(1,1),(1)} \oplus 1958V^{(1,1),(2)} \oplus 1886V^{(1,1),(1,1)} \oplus 508V^{(1,1),(3)} \oplus 580V^{(1,1),(2,1)} \oplus 412V^{(1,1),(1,1,1)} \oplus 22V^{(1,1),(4)} \oplus 28V^{(1,1),(3,1)} \oplus 23V^{(1,1),(2,2)} \oplus 23V^{(1,1),(2,1,1)} \oplus 1080V^{(3),\varnothing} \oplus 2166V^{(3),(1)} \oplus 644V^{(3),(2)} \oplus 612V^{(3),(1,1)} \oplus 77V^{(3),(3)} \oplus 83V^{(3),(2,1)} \oplus 59V^{(3),(1,1,1)} \oplus 1080V^{(2,1),\varnothing} \oplus 2166V^{(2,1),(1)} \oplus 644V^{(2,1),(2)} \oplus 612V^{(2,1),(1,1)} \oplus 77V^{(2,1),(3)} \oplus 83V^{(2,1),(2,1)} \oplus 59V^{(2,1),(1,1,1)} \oplus 360V^{(4),\varnothing} \oplus 468V^{(4),(1)} \oplus 35V^{(4),(2)} \oplus 33V^{(4),(1,1)} \oplus 510V^{(3,1),\varnothing} \oplus 632V^{(3,1),(1)} \oplus 45V^{(3,1),(2)} \oplus 41V^{(3,1),(1,1)} \oplus 360V^{(2,2),\varnothing} \oplus 528V^{(2,2),(1)} \oplus 43V^{(2,2),(2)} \oplus 39V^{(2,2),(1,1)} \oplus 146V^{(4,1),\varnothing} \oplus 9V^{(4,1),(1)} \oplus 222V^{(3,2),\varnothing} \oplus 11V^{(3,2),(1)} \oplus V^{(4,2),\varnothing} \oplus V^{(3,3),\varnothing}$
$k = 7: \quad 196V^{\varnothing,(1)} \oplus 126V^{\varnothing,(2)} \oplus 126V^{\varnothing,(1,1)} \oplus 84V^{\varnothing,(3)} \oplus 84V^{\varnothing,(2,1)} \oplus 84V^{\varnothing,(1,1,1)} \oplus 42V^{\varnothing,(4)} \oplus 42V^{\varnothing,(3,1)} \oplus 42V^{\varnothing,(2,2)} \oplus 42V^{\varnothing,(2,1,1)} \oplus 28V^{\varnothing,(4,1)} \oplus 28V^{\varnothing,(3,2)} \oplus 28V^{\varnothing,(3,1,1)} \oplus 28V^{\varnothing,(2,2,1)} \oplus 14V^{\varnothing,(4,2)} \oplus 14V^{\varnothing,(4,1,1)} \oplus 14V^{\varnothing,(3,2,1)} \oplus 1225V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1360V^{(1),(3)} \oplus 1520V^{(1),(2,1)} \oplus 1200V^{(1),(1,1,1)} \oplus 550V^{(1),(4)} \oplus 750V^{(1),(3,1)} \oplus 650V^{(1),(2,2)} \oplus 650V^{(1),(2,1,1)} \oplus 256V^{(1),(4,1)} \oplus 256V^{(1),(3,2)} \oplus 256V^{(1),(3,1,1)} \oplus 204V^{(1),(2,2,1)} \oplus 3V^{(1),(4,2)} \oplus 3V^{(1),(4,1,1)} \oplus 3V^{(1),(3,2,1)} \oplus 700V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1616V^{(2),(2)} \oplus 1580V^{(2),(1,1)} \oplus 774V^{(2),(3)} \oplus 918V^{(2),(2,1)} \oplus 630V^{(2),(1,1,1)} \oplus 192V^{(2),(4)} \oplus 296V^{(2),(3,1)} \oplus 232V^{(2),(2,2)} \oplus 232V^{(2),(2,1,1)} \oplus 11V^{(2),(4,1)} \oplus 11V^{(2),(3,2)} \oplus 11V^{(2),(3,1,1)} \oplus 9V^{(2),(2,2,1)} \oplus 700V^{(1,1),\varnothing} \oplus 2580V^{(1,1),(1)} \oplus 1376V^{(1,1),(2)} \oplus 1352V^{(1,1),(1,1)} \oplus 630V^{(1,1),(3)} \oplus$

Table 67: Table for $\lambda = (4,3)$, $\mu = (4,1,1,1)$:

$k = 14: \quad 34V^{\varnothing,\varnothing}$
$k = 13: \quad 8132V^{\varnothing,\varnothing} \oplus 258V^{\varnothing,(1)} \oplus 400V^{(1),\varnothing}$
$k = 12: \quad 15332V^{\varnothing,\varnothing} \oplus 7876V^{\varnothing,(1)} \oplus 92V^{\varnothing,(2)} \oplus 92V^{\varnothing,(1,1)} \oplus 7824V^{(1),\varnothing} \oplus 1433V^{(1),(1)} \oplus 128V^{(2),\varnothing} \oplus 125V^{(1,1),\varnothing}$
$k = 11: \quad 15024V^{\varnothing,\varnothing} \oplus 13632V^{\varnothing,(1)} \oplus 2920V^{\varnothing,(2)} \oplus 2920V^{\varnothing,(1,1)} \oplus 30V^{\varnothing,(3)} \oplus 32V^{\varnothing,(2,1)} \oplus 30V^{\varnothing,(1,1,1)} \oplus 13512V^{(1),\varnothing} \oplus 11888V^{(1),(1)} \oplus 407V^{(1),(2)} \oplus 407V^{(1),(1,1)} \oplus 3064V^{(2),\varnothing} \oplus 455V^{(2),(1)} \oplus 2096V^{(1,1),\varnothing} \oplus 447V^{(1,1),(1)} \oplus 38V^{(3),\varnothing} \oplus 38V^{(2,1),\varnothing}$
$k = 10: \quad 11116V^{\varnothing,\varnothing} \oplus 11356V^{\varnothing,(1)} \oplus 4570V^{\varnothing,(2)} \oplus 4570V^{\varnothing,(1,1)} \oplus 1056V^{\varnothing,(3)} \oplus 1160V^{\varnothing,(2,1)} \oplus 1056V^{\varnothing,(1,1,1)} \oplus 8V^{\varnothing,(4)} \oplus 11V^{\varnothing,(3,1)} \oplus 11V^{\varnothing,(2,1,1)} \oplus 8V^{\varnothing,(1,1,1,1)} \oplus 12568V^{(1),\varnothing} \oplus 19778V^{(1),(1)} \oplus 4120V^{(1),(2)} \oplus 4120V^{(1),(1,1)} \oplus 97V^{(1),(3)} \oplus 101V^{(1),(2,1)} \oplus 97V^{(1),(1,1,1)} \oplus 4816V^{(2),\varnothing} \oplus 4408V^{(2),(1)} \oplus 275V^{(2),(2)} \oplus 275V^{(2),(1,1)} \oplus 3166V^{(1,1),\varnothing} \oplus 3648V^{(1,1),(1)} \oplus 267V^{(1,1),(2)} \oplus 267V^{(1,1),(1,1)} \oplus 1136V^{(3),\varnothing} \oplus 137V^{(3),(1)} \oplus 1136V^{(2,1),\varnothing} \oplus 137V^{(2,1),(1)} \oplus 9V^{(4),\varnothing} \oplus 12V^{(3,1),\varnothing} \oplus 11V^{(2,2),\varnothing}$
$k = 9:$ $4840V^{\varnothing,\varnothing} \oplus 7136V^{\varnothing,(1)} \oplus 3120V^{\varnothing,(2)} \oplus 3120V^{\varnothing,(1,1)} \oplus 1352V^{\varnothing,(3)} \oplus 1452V^{\varnothing,(2,1)} \oplus 1352V^{\varnothing,(1,1,1)} \oplus 260V^{\varnothing,(4)} \oplus 464V^{\varnothing,(3,1)} \oplus 464V^{\varnothing,(2,1,1)} \oplus 260V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(4,1)} \oplus 4V^{\varnothing,(3,1,1)} \oplus 3V^{\varnothing,(2,1,1,1)} \oplus 8360V^{(1),\varnothing} \oplus 17684V^{(1),(1)} \oplus 6522V^{(1),(2)} \oplus 6522V^{(1),(1,1)} \oplus 1480V^{(1),(3)} \oplus 1560V^{(1),(2,1)} \oplus 1480V^{(1),(1,1,1)} \oplus 25V^{(1),(4)} \oplus 31V^{(1),(3,1)} \oplus 31V^{(1),(2,1,1)} \oplus 25V^{(1),(1,1,1,1)} \oplus 3680V^{(2),\varnothing} \oplus 6810V^{(2),(1)} \oplus 1604V^{(2),(2)} \oplus 1604V^{(2),(1,1)} \oplus 89V^{(2),(3)} \oplus 95V^{(2),(2,1)} \oplus 89V^{(2),(1,1,1)} \oplus 2480V^{(1,1),\varnothing} \oplus 5586V^{(1,1),(1)} \oplus 1308V^{(1,1),(2)} \oplus 1308V^{(1,1),(1,1)} \oplus 83V^{(1,1),(3)} \oplus 87V^{(1,1),(2,1)} \oplus 83V^{(1,1),(1,1,1)} \oplus 1460V^{(3),\varnothing} \oplus 1608V^{(3),(1)} \oplus 101V^{(3),(2)} \oplus 101V^{(3),(1,1)} \oplus 1460V^{(2,1),\varnothing} \oplus 1608V^{(2,1),(1)} \oplus 101V^{(2,1),(2)} \oplus 101V^{(2,1),(1,1)} \oplus 284V^{(4),\varnothing} \oplus 33V^{(4),(1)} \oplus 488V^{(3,1),\varnothing} \oplus 41V^{(3,1),(1)} \oplus 336V^{(2,2),\varnothing} \oplus 39V^{(2,2),(1)} \oplus 3V^{(4,1),\varnothing} \oplus 4V^{(3,2),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 2196V^{\varnothing,(1)} \oplus 1356V^{\varnothing,(2)} \oplus 1356V^{\varnothing,(1,1)} \oplus 688V^{\varnothing,(3)} \oplus 688V^{\varnothing,(2,1)} \oplus 688V^{\varnothing,(1,1,1)} \oplus 234V^{\varnothing,(4)} \oplus 384V^{\varnothing,(3,1)} \oplus 384V^{\varnothing,(2,1,1)} \oplus 234V^{\varnothing,(1,1,1,1)} \oplus 104V^{\varnothing,(4,1)} \oplus 180V^{\varnothing,(3,1,1)} \oplus 104V^{\varnothing,(2,1,1,1)} \oplus V^{\varnothing,(4,1,1)} \oplus V^{\varnothing,(3,1,1,1)} \oplus 3120V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 5136V^{(1),(2)} \oplus 5136V^{(1),(1,1)} \oplus 2094V^{(1),(3)} \oplus 2166V^{(1),(2,1)} \oplus 2094V^{(1),(1,1,1)} \oplus 448V^{(1),(4)} \oplus 592V^{(1),(3,1)} \oplus 592V^{(1),(2,1,1)} \oplus 448V^{(1),(1,1,1,1)} \oplus 7V^{(1),(4,1)} \oplus 9V^{(1),(3,1,1)} \oplus 7V^{(1),(2,1,1,1)} \oplus 1736V^{(2),\varnothing} \oplus 5280V^{(2),(1)} \oplus 2294V^{(2),(2)} \oplus 2294V^{(2),(1,1)} \oplus 564V^{(2),(3)} \oplus 612V^{(2),(2,1)} \oplus 564V^{(2),(1,1,1)} \oplus 21V^{(2),(4)} \oplus 29V^{(2),(3,1)} \oplus 29V^{(2),(2,1,1)} \oplus 21V^{(2),(1,1,1,1)} \oplus 1268V^{(1,1),\varnothing} \oplus 4496V^{(1,1),(1)} \oplus 1862V^{(1,1),(2)} \oplus 1862V^{(1,1),(1,1)} \oplus 452V^{(1,1),(3)} \oplus 484V^{(1,1),(2,1)} \oplus 452V^{(1,1),(1,1,1)} \oplus 18V^{(1,1),(4)} \oplus 23V^{(1,1),(3,1)} \oplus 23V^{(1,1),(2,1,1)} \oplus 18V^{(1,1),(1,1,1,1)} \oplus 840V^{(3),\varnothing} \oplus 2166V^{(3),(1)} \oplus 588V^{(3),(2)} \oplus 588V^{(3),(1,1)} \oplus 61V^{(3),(3)} \oplus 65V^{(3),(2,1)} \oplus 61V^{(3),(1,1,1)} \oplus 840V^{(2,1),\varnothing} \oplus 2166V^{(2,1),(1)} \oplus 588V^{(2,1),(2)} \oplus 588V^{(2,1),(1,1)} \oplus 61V^{(2,1),(3)} \oplus 65V^{(2,1),(2,1)} \oplus 61V^{(2,1),(1,1,1)} \oplus 270V^{(4),\varnothing} \oplus 468V^{(4),(1)} \oplus 27V^{(4),(2)} \oplus 27V^{(4),(1,1)} \oplus 420V^{(3,1),\varnothing} \oplus 632V^{(3,1),(1)} \oplus 35V^{(3,1),(2)} \oplus 35V^{(3,1),(1,1)} \oplus 270V^{(2,2),\varnothing} \oplus 528V^{(2,2),(1)} \oplus 33V^{(2,2),(2)} \oplus 33V^{(2,2),(1,1)} \oplus 116V^{(4,1),\varnothing} \oplus 9V^{(4,1),(1)} \oplus 192V^{(3,2),\varnothing} \oplus 11V^{(3,2),(1)} \oplus V^{(4,2),\varnothing} \oplus V^{(3,3),\varnothing}$
$k = 7: \quad 196V^{\varnothing,(1)} \oplus 126V^{\varnothing,(2)} \oplus 126V^{\varnothing,(1,1)} \oplus 84V^{\varnothing,(3)} \oplus 84V^{\varnothing,(2,1)} \oplus 84V^{\varnothing,(1,1,1)} \oplus 42V^{\varnothing,(4)} \oplus 42V^{\varnothing,(3,1)} \oplus 42V^{\varnothing,(2,1,1)} \oplus 42V^{\varnothing,(1,1,1,1)} \oplus 28V^{\varnothing,(4,1)} \oplus 28V^{\varnothing,(3,1,1)} \oplus 28V^{\varnothing,(2,1,1,1)} \oplus 14V^{\varnothing,(4,1,1)} \oplus 14V^{\varnothing,(3,1,1,1)} \oplus 400V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1360V^{(1),(3)} \oplus 1360V^{(1),(2,1)} \oplus 1360V^{(1),(1,1,1)} \oplus 550V^{(1),(4)} \oplus 650V^{(1),(3,1)} \oplus 650V^{(1),(2,1,1)} \oplus 550V^{(1),(1,1,1,1)} \oplus 204V^{(1),(4,1)} \oplus 256V^{(1),(3,1,1)} \oplus 204V^{(1),(2,1,1,1)} \oplus 3V^{(1),(4,1,1)} \oplus 3V^{(1),(3,1,1,1)} \oplus 280V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1580V^{(2),(2)} \oplus 1580V^{(2),(1,1)} \oplus 738V^{(2),(3)} \oplus 774V^{(2),(2,1)} \oplus 738V^{(2),(1,1,1)} \oplus 168V^{(2),(4)} \oplus 232V^{(2),(3,1)} \oplus 232V^{(2),(2,1,1)} \oplus 168V^{(2),(1,1,1,1)} \oplus 9V^{(2),(4,1)} \oplus 11V^{(2),(3,1,1)} \oplus 9V^{(2),(2,1,1,1)} \oplus 280V^{(1,1),\varnothing} \oplus 2580V^{(1,1),(1)} \oplus 1352V^{(1,1),(2)} \oplus 1352V^{(1,1),(1,1)} \oplus 606V^{(1,1),(3)} \oplus 630V^{(1,1),(2,1)} \oplus 606V^{(1,1),(1,1,1)} \oplus 140V^{(1,1),(4)} \oplus 176V^{(1,1),(3,1)} \oplus 176V^{(1,1),(2,1,1)} \oplus 140V^{(1,1),(1,1,1,1)} \oplus$

Table 68: Table for $\lambda = (4,3)$, $\mu = (3,3,1)$:

$k = 14: \quad 71V^{\varnothing,\varnothing}$
$k = 13: \quad 8255V^{\varnothing,\varnothing} \oplus 253V^{\varnothing,(1)} \oplus 521V^{(1),\varnothing}$
$k = 12: \quad 15432V^{\varnothing,\varnothing} \oplus 7676V^{\varnothing,(1)} \oplus 92V^{\varnothing,(2)} \oplus 92V^{\varnothing,(1,1)} \oplus 8004V^{(1),\varnothing} \oplus 1415V^{(1),(1)} \oplus 150V^{(2),\varnothing} \oplus 147V^{(1,1),\varnothing}$
$k = 11: \quad 15070V^{\varnothing,\varnothing} \oplus 13362V^{\varnothing,(1)} \oplus 2920V^{\varnothing,(2)} \oplus 2920V^{\varnothing,(1,1)} \oplus 29V^{\varnothing,(3)} \oplus 33V^{\varnothing,(2,1)} \oplus 24V^{\varnothing,(1,1,1)} \oplus 13686V^{(1),\varnothing} \oplus 11600V^{(1),(1)} \oplus 407V^{(1),(2)} \oplus 407V^{(1),(1,1)} \oplus 3106V^{(2),\varnothing} \oplus 443V^{(2),(1)} \oplus 2138V^{(1,1),\varnothing} \oplus 435V^{(1,1),(1)} \oplus 40V^{(3),\varnothing} \oplus 40V^{(2,1),\varnothing}$
$k = 10: \quad 11144V^{\varnothing,\varnothing} \oplus 11236V^{\varnothing,(1)} \oplus 4570V^{\varnothing,(2)} \oplus 4570V^{\varnothing,(1,1)} \oplus 752V^{\varnothing,(3)} \oplus 1464V^{\varnothing,(2,1)} \oplus 702V^{\varnothing,(1,1,1)} \oplus 11V^{\varnothing,(3,1)} \oplus 11V^{\varnothing,(2,2)} \oplus 9V^{\varnothing,(2,1,1)} \oplus 12754V^{(1),\varnothing} \oplus 19454V^{(1),(1)} \oplus 4120V^{(1),(2)} \oplus 4120V^{(1),(1,1)} \oplus 95V^{(1),(3)} \oplus 103V^{(1),(2,1)} \oplus 77V^{(1),(1,1,1)} \oplus 4866V^{(2),\varnothing} \oplus 4312V^{(2),(1)} \oplus 275V^{(2),(2)} \oplus 275V^{(2),(1,1)} \oplus 3216V^{(1,1),\varnothing} \oplus 3552V^{(1,1),(1)} \oplus 267V^{(1,1),(2)} \oplus 267V^{(1,1),(1,1)} \oplus 1146V^{(3),\varnothing} \oplus 125V^{(3),(1)} \oplus 1146V^{(2,1),\varnothing} \oplus 125V^{(2,1),(1)} \oplus 9V^{(4),\varnothing} \oplus 12V^{(3,1),\varnothing} \oplus 11V^{(2,2),\varnothing}$
$k = 9: \quad 4854V^{\varnothing,\varnothing} \oplus 7136V^{\varnothing,(1)} \oplus 3120V^{\varnothing,(2)} \oplus 3120V^{\varnothing,(1,1)} \oplus 902V^{\varnothing,(3)} \oplus 1902V^{\varnothing,(2,1)} \oplus 902V^{\varnothing,(1,1,1)} \oplus 464V^{\varnothing,(3,1)} \oplus 464V^{\varnothing,(2,2)} \oplus 412V^{\varnothing,(2,1,1)} \oplus 4V^{\varnothing,(3,2)} \oplus 3V^{\varnothing,(3,1,1)} \oplus 3V^{\varnothing,(2,2,1)} \oplus 8394V^{(1),\varnothing} \oplus 17576V^{(1),(1)} \oplus 6522V^{(1),(2)} \oplus 6522V^{(1),(1,1)} \oplus 1272V^{(1),(3)} \oplus 1768V^{(1),(2,1)} \oplus 1200V^{(1),(1,1,1)} \oplus 31V^{(1),(3,1)} \oplus 31V^{(1),(2,2)} \oplus 27V^{(1),(2,1,1)} \oplus 3736V^{(2),\varnothing} \oplus 6738V^{(2),(1)} \oplus 1604V^{(2),(2)} \oplus 1604V^{(2),(1,1)} \oplus 87V^{(2),(3)} \oplus 97V^{(2),(2,1)} \oplus 75V^{(2),(1,1,1)} \oplus 2536V^{(1,1),\varnothing} \oplus 5514V^{(1,1),(1)} \oplus 1308V^{(1,1),(2)} \oplus 1308V^{(1,1),(1,1)} \oplus 82V^{(1,1),(3)} \oplus 88V^{(1,1),(2,1)} \oplus 70V^{(1,1),(1,1,1)} \oplus 1478V^{(3),\varnothing} \oplus 1560V^{(3),(1)} \oplus 101V^{(3),(2)} \oplus 101V^{(3),(1,1)} \oplus 1478V^{(2,1),\varnothing} \oplus 1560V^{(2,1),(1)} \oplus 101V^{(2,1),(2)} \oplus 101V^{(2,1),(1,1)} \oplus 288V^{(4),\varnothing} \oplus 27V^{(4),(1)} \oplus 492V^{(3,1),\varnothing} \oplus 35V^{(3,1),(1)} \oplus 340V^{(2,2),\varnothing} \oplus 33V^{(2,2),(1)} \oplus 3V^{(4,1),\varnothing} \oplus 4V^{(3,2),\varnothing}$
$k = 8: \quad 1014V^{\varnothing,\varnothing} \oplus 2196V^{\varnothing,(1)} \oplus 1356V^{\varnothing,(2)} \oplus 1356V^{\varnothing,(1,1)} \oplus 428V^{\varnothing,(3)} \oplus 948V^{\varnothing,(2,1)} \oplus 428V^{\varnothing,(1,1,1)} \oplus 384V^{\varnothing,(3,1)} \oplus 384V^{\varnothing,(2,2)} \oplus 384V^{\varnothing,(2,1,1)} \oplus 180V^{\varnothing,(3,2)} \oplus 104V^{\varnothing,(3,1,1)} \oplus 104V^{\varnothing,(2,2,1)} \oplus V^{\varnothing,(3,3)} \oplus V^{\varnothing,(3,2,1)} \oplus 3456V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 5136V^{(1),(2)} \oplus 5136V^{(1),(1,1)} \oplus 1794V^{(1),(3)} \oplus 2466V^{(1),(2,1)} \oplus 1794V^{(1),(1,1,1)} \oplus 592V^{(1),(3,1)} \oplus 592V^{(1),(2,2)} \oplus 552V^{(1),(2,1,1)} \oplus 9V^{(1),(3,2)} \oplus 7V^{(1),(3,1,1)} \oplus 7V^{(1),(2,2,1)} \oplus 1776V^{(2),\varnothing} \oplus 5280V^{(2),(1)} \oplus 2294V^{(2),(2)} \oplus 2294V^{(2),(1,1)} \oplus 484V^{(2),(3)} \oplus 692V^{(2),(2,1)} \oplus 460V^{(2),(1,1,1)} \oplus 29V^{(2),(3,1)} \oplus 29V^{(2),(2,2)} \oplus 23V^{(2),(2,1,1)} \oplus 1308V^{(1,1),\varnothing} \oplus 4496V^{(1,1),(1)} \oplus 1862V^{(1,1),(2)} \oplus 1862V^{(1,1),(1,1)} \oplus 412V^{(1,1),(3)} \oplus 524V^{(1,1),(2,1)} \oplus 388V^{(1,1),(1,1,1)} \oplus 23V^{(1,1),(3,1)} \oplus 23V^{(1,1),(2,2)} \oplus 19V^{(1,1),(2,1,1)} \oplus 856V^{(3),\varnothing} \oplus 2166V^{(3),(1)} \oplus 588V^{(3),(2)} \oplus 588V^{(3),(1,1)} \oplus 59V^{(3),(3)} \oplus 67V^{(3),(2,1)} \oplus 47V^{(3),(1,1,1)} \oplus 856V^{(2,1),\varnothing} \oplus 2166V^{(2,1),(1)} \oplus 588V^{(2,1),(2)} \oplus 588V^{(2,1),(1,1)} \oplus 59V^{(2,1),(3)} \oplus 67V^{(2,1),(2,1)} \oplus 47V^{(2,1),(1,1,1)} \oplus 276V^{(4),\varnothing} \oplus 468V^{(4),(1)} \oplus 27V^{(4),(2)} \oplus 27V^{(4),(1,1)} \oplus 426V^{(3,1),\varnothing} \oplus 632V^{(3,1),(1)} \oplus 35V^{(3,1),(2)} \oplus 35V^{(3,1),(1,1)} \oplus 276V^{(2,2),\varnothing} \oplus 528V^{(2,2),(1)} \oplus 33V^{(2,2),(2)} \oplus 33V^{(2,2),(1,1)} \oplus 118V^{(4,1),\varnothing} \oplus 9V^{(4,1),(1)} \oplus 194V^{(3,2),\varnothing} \oplus 11V^{(3,2),(1)} \oplus V^{(4,2),\varnothing} \oplus V^{(3,3),\varnothing}$
$k = 7:$ $196V^{\varnothing,(1)} \oplus 126V^{\varnothing,(2)} \oplus 126V^{\varnothing,(1,1)} \oplus 84V^{\varnothing,(3)} \oplus 84V^{\varnothing,(2,1)} \oplus 84V^{\varnothing,(1,1,1)} \oplus 42V^{\varnothing,(3,1)} \oplus 42V^{\varnothing,(2,2)} \oplus 42V^{\varnothing,(2,1,1)} \oplus 28V^{\varnothing,(3,2)} \oplus 28V^{\varnothing,(3,1,1)} \oplus 28V^{\varnothing,(2,2,1)} \oplus 14V^{\varnothing,(3,3)} \oplus 14V^{\varnothing,(3,2,1)} \oplus 441V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1200V^{(1),(3)} \oplus 1520V^{(1),(2,1)} \oplus 1200V^{(1),(1,1,1)} \oplus 650V^{(1),(3,1)} \oplus 650V^{(1),(2,2)} \oplus 650V^{(1),(2,1,1)} \oplus 256V^{(1),(3,2)} \oplus 204V^{(1),(3,1,1)} \oplus 204V^{(1),(2,2,1)} \oplus 3V^{(1),(3,3)} \oplus 3V^{(1),(3,2,1)} \oplus 336V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1580V^{(2),(2)} \oplus 1580V^{(2),(1,1)} \oplus 630V^{(2),(3)} \oplus 882V^{(2),(2,1)} \oplus 630V^{(2),(1,1,1)} \oplus 232V^{(2),(3,1)} \oplus 232V^{(2),(2,2)} \oplus 208V^{(2),(2,1,1)} \oplus 11V^{(2),(3,2)} \oplus 9V^{(2),(3,1,1)} \oplus 9V^{(2),(2,2,1)} \oplus 336V^{(1,1),\varnothing} \oplus 2580V^{(1,1),(1)} \oplus 1352V^{(1,1),(2)} \oplus 1352V^{(1,1),(1,1)} \oplus 552V^{(1,1),(3)} \oplus 684V^{(1,1),(2,1)} \oplus 552V^{(1,1),(1,1,1)} \oplus 176V^{(1,1),(3,1)} \oplus 176V^{(1,1),(2,2)} \oplus 160V^{(1,1),(2,1,1)} \oplus 7V^{(1,1),(3,2)} \oplus 6V^{(1,1),(3,1,1)} \oplus 6V^{(1,1),(2,2,1)} \oplus 168V^{(3),\varnothing} \oplus 1360V^{(3),(1)} \oplus 738V^{(3),(2)} \oplus 738V^{(3),(1,1)} \oplus$

Table 69: Table for $\lambda = (4,3)$, $\mu = (3,2,2)$:

$k = 14: \quad 46V^{\varnothing,\varnothing}$
$k = 13: \quad 8230V^{\varnothing,\varnothing} \oplus 253V^{\varnothing,(1)} \oplus 521V^{(1),\varnothing}$
$k = 12: \quad 15432V^{\varnothing,\varnothing} \oplus 7676V^{\varnothing,(1)} \oplus 92V^{\varnothing,(2)} \oplus 92V^{\varnothing,(1,1)} \oplus 8004V^{(1),\varnothing} \oplus 1415V^{(1),(1)} \oplus 150V^{(2),\varnothing} \oplus 147V^{(1,1),\varnothing}$
$k = 11: \quad 15070V^{\varnothing,\varnothing} \oplus 13362V^{\varnothing,(1)} \oplus 2920V^{\varnothing,(2)} \oplus 2920V^{\varnothing,(1,1)} \oplus 24V^{\varnothing,(3)} \oplus 33V^{\varnothing,(2,1)} \oplus 29V^{\varnothing,(1,1,1)} \oplus 13686V^{(1),\varnothing} \oplus 11600V^{(1),(1)} \oplus 407V^{(1),(2)} \oplus 407V^{(1),(1,1)} \oplus 3106V^{(2),\varnothing} \oplus 443V^{(2),(1)} \oplus 2138V^{(1,1),\varnothing} \oplus 435V^{(1,1),(1)} \oplus 40V^{(3),\varnothing} \oplus 40V^{(2,1),\varnothing}$
$k = 10: \quad 11144V^{\varnothing,\varnothing} \oplus 11236V^{\varnothing,(1)} \oplus 4570V^{\varnothing,(2)} \oplus 4570V^{\varnothing,(1,1)} \oplus 702V^{\varnothing,(3)} \oplus 1464V^{\varnothing,(2,1)} \oplus 752V^{\varnothing,(1,1,1)} \oplus 9V^{\varnothing,(3,1)} \oplus 11V^{\varnothing,(2,2)} \oplus 11V^{\varnothing,(2,1,1)} \oplus 12754V^{(1),\varnothing} \oplus 19454V^{(1),(1)} \oplus 4120V^{(1),(2)} \oplus 4120V^{(1),(1,1)} \oplus 77V^{(1),(3)} \oplus 103V^{(1),(2,1)} \oplus 95V^{(1),(1,1,1)} \oplus 4866V^{(2),\varnothing} \oplus 4312V^{(2),(1)} \oplus 275V^{(2),(2)} \oplus 275V^{(2),(1,1)} \oplus 3216V^{(1,1),\varnothing} \oplus 3552V^{(1,1),(1)} \oplus 267V^{(1,1),(2)} \oplus 267V^{(1,1),(1,1)} \oplus 1146V^{(3),\varnothing} \oplus 125V^{(3),(1)} \oplus 1146V^{(2,1),\varnothing} \oplus 125V^{(2,1),(1)} \oplus 9V^{(4),\varnothing} \oplus 12V^{(3,1),\varnothing} \oplus 11V^{(2,2),\varnothing}$
$k = 9: \quad 4854V^{\varnothing,\varnothing} \oplus 7136V^{\varnothing,(1)} \oplus 3120V^{\varnothing,(2)} \oplus 3120V^{\varnothing,(1,1)} \oplus 902V^{\varnothing,(3)} \oplus 1902V^{\varnothing,(2,1)} \oplus 902V^{\varnothing,(1,1,1)} \oplus 412V^{\varnothing,(3,1)} \oplus 464V^{\varnothing,(2,2)} \oplus 464V^{\varnothing,(2,1,1)} \oplus 3V^{\varnothing,(3,2)} \oplus 3V^{\varnothing,(3,1,1)} \oplus 4V^{\varnothing,(2,2,1)} \oplus 8394V^{(1),\varnothing} \oplus 17576V^{(1),(1)} \oplus 6522V^{(1),(2)} \oplus 6522V^{(1),(1,1)} \oplus 1200V^{(1),(3)} \oplus 1768V^{(1),(2,1)} \oplus 1272V^{(1),(1,1,1)} \oplus 27V^{(1),(3,1)} \oplus 31V^{(1),(2,2)} \oplus 31V^{(1),(2,1,1)} \oplus 3736V^{(2),\varnothing} \oplus 6738V^{(2),(1)} \oplus 1604V^{(2),(2)} \oplus 1604V^{(2),(1,1)} \oplus 75V^{(2),(3)} \oplus 97V^{(2),(2,1)} \oplus 87V^{(2),(1,1,1)} \oplus 2536V^{(1,1),\varnothing} \oplus 5514V^{(1,1),(1)} \oplus 1308V^{(1,1),(2)} \oplus 1308V^{(1,1),(1,1)} \oplus 70V^{(1,1),(3)} \oplus 88V^{(1,1),(2,1)} \oplus 82V^{(1,1),(1,1,1)} \oplus 1478V^{(3),\varnothing} \oplus 1560V^{(3),(1)} \oplus 101V^{(3),(2)} \oplus 101V^{(3),(1,1)} \oplus 1478V^{(2,1),\varnothing} \oplus 1560V^{(2,1),(1)} \oplus 101V^{(2,1),(2)} \oplus 101V^{(2,1),(1,1)} \oplus 288V^{(4),\varnothing} \oplus 27V^{(4),(1)} \oplus 492V^{(3,1),\varnothing} \oplus 35V^{(3,1),(1)} \oplus 340V^{(2,2),\varnothing} \oplus 33V^{(2,2),(1)} \oplus 3V^{(4,1),\varnothing} \oplus 4V^{(3,2),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 2196V^{\varnothing,(1)} \oplus 1356V^{\varnothing,(2)} \oplus 1356V^{\varnothing,(1,1)} \oplus 428V^{\varnothing,(3)} \oplus 948V^{\varnothing,(2,1)} \oplus 428V^{\varnothing,(1,1,1)} \oplus 384V^{\varnothing,(3,1)} \oplus 384V^{\varnothing,(2,2)} \oplus 384V^{\varnothing,(2,1,1)} \oplus 104V^{\varnothing,(3,2)} \oplus 104V^{\varnothing,(3,1,1)} \oplus 180V^{\varnothing,(2,2,1)} \oplus V^{\varnothing,(3,2,1)} \oplus V^{\varnothing,(2,2,2)} \oplus 3456V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 5136V^{(1),(2)} \oplus 5136V^{(1),(1,1)} \oplus 1794V^{(1),(3)} \oplus 2466V^{(1),(2,1)} \oplus 1794V^{(1),(1,1,1)} \oplus 552V^{(1),(3,1)} \oplus 592V^{(1),(2,2)} \oplus 592V^{(1),(2,1,1)} \oplus 7V^{(1),(3,2)} \oplus 7V^{(1),(3,1,1)} \oplus 9V^{(1),(2,2,1)} \oplus 1776V^{(2),\varnothing} \oplus 5280V^{(2),(1)} \oplus 2294V^{(2),(2)} \oplus 2294V^{(2),(1,1)} \oplus 460V^{(2),(3)} \oplus 692V^{(2),(2,1)} \oplus 484V^{(2),(1,1,1)} \oplus 23V^{(2),(3,1)} \oplus 29V^{(2),(2,2)} \oplus 29V^{(2),(2,1,1)} \oplus 1308V^{(1,1),\varnothing} \oplus 4496V^{(1,1),(1)} \oplus 1862V^{(1,1),(2)} \oplus 1862V^{(1,1),(1,1)} \oplus 388V^{(1,1),(3)} \oplus 524V^{(1,1),(2,1)} \oplus 412V^{(1,1),(1,1,1)} \oplus 19V^{(1,1),(3,1)} \oplus 23V^{(1,1),(2,2)} \oplus 23V^{(1,1),(2,1,1)} \oplus 856V^{(3),\varnothing} \oplus 2166V^{(3),(1)} \oplus 588V^{(3),(2)} \oplus 588V^{(3),(1,1)} \oplus 47V^{(3),(3)} \oplus 67V^{(3),(2,1)} \oplus 59V^{(3),(1,1,1)} \oplus 856V^{(2,1),\varnothing} \oplus 2166V^{(2,1),(1)} \oplus 588V^{(2,1),(2)} \oplus 588V^{(2,1),(1,1)} \oplus 47V^{(2,1),(3)} \oplus 67V^{(2,1),(2,1)} \oplus 59V^{(2,1),(1,1,1)} \oplus 276V^{(4),\varnothing} \oplus 468V^{(4),(1)} \oplus 27V^{(4),(2)} \oplus 27V^{(4),(1,1)} \oplus 426V^{(3,1),\varnothing} \oplus 632V^{(3,1),(1)} \oplus 35V^{(3,1),(2)} \oplus 35V^{(3,1),(1,1)} \oplus 276V^{(2,2),\varnothing} \oplus 528V^{(2,2),(1)} \oplus 33V^{(2,2),(2)} \oplus 33V^{(2,2),(1,1)} \oplus 118V^{(4,1),\varnothing} \oplus 9V^{(4,1),(1)} \oplus 194V^{(3,2),\varnothing} \oplus 11V^{(3,2),(1)} \oplus V^{(4,2),\varnothing} \oplus V^{(3,3),\varnothing}$
$k = 7: \quad 196V^{\varnothing,(1)} \oplus 126V^{\varnothing,(2)} \oplus 126V^{\varnothing,(1,1)} \oplus 84V^{\varnothing,(3)} \oplus 84V^{\varnothing,(2,1)} \oplus 84V^{\varnothing,(1,1,1)} \oplus 42V^{\varnothing,(3,1)} \oplus 42V^{\varnothing,(2,2)} \oplus 42V^{\varnothing,(2,1,1)} \oplus 28V^{\varnothing,(3,2)} \oplus 28V^{\varnothing,(3,1,1)} \oplus 28V^{\varnothing,(2,2,1)} \oplus 14V^{\varnothing,(3,2,1)} \oplus 14V^{\varnothing,(2,2,2)} \oplus 441V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1200V^{(1),(3)} \oplus 1520V^{(1),(2,1)} \oplus 1200V^{(1),(1,1,1)} \oplus 650V^{(1),(3,1)} \oplus 650V^{(1),(2,2)} \oplus 650V^{(1),(2,1,1)} \oplus 204V^{(1),(3,2)} \oplus 204V^{(1),(3,1,1)} \oplus 256V^{(1),(2,2,1)} \oplus 3V^{(1),(3,2,1)} \oplus 3V^{(1),(2,2,2)} \oplus 336V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1580V^{(2),(2)} \oplus 1580V^{(2),(1,1)} \oplus 630V^{(2),(3)} \oplus 882V^{(2),(2,1)} \oplus 630V^{(2),(1,1,1)} \oplus 208V^{(2),(3,1)} \oplus 232V^{(2),(2,2)} \oplus 232V^{(2),(2,1,1)} \oplus 9V^{(2),(3,2)} \oplus 9V^{(2),(3,1,1)} \oplus 11V^{(2),(2,2,1)} \oplus 336V^{(1,1),\varnothing} \oplus 2580V^{(1,1),(1)} \oplus 1352V^{(1,1),(2)} \oplus 1352V^{(1,1),(1,1)} \oplus 552V^{(1,1),(3)} \oplus 684V^{(1,1),(2,1)} \oplus 552V^{(1,1),(1,1,1)} \oplus 160V^{(1,1),(3,1)} \oplus 176V^{(1,1),(2,2)} \oplus 176V^{(1,1),(2,1,1)} \oplus 6V^{(1,1),(3,2)} \oplus 6V^{(1,1),(3,1,1)} \oplus 7V^{(1,1),(2,2,1)} \oplus 168V^{(3),\varnothing} \oplus 1360V^{(3),(1)} \oplus 738V^{(3),(2)} \oplus 738V^{(3),(1,1)} \oplus 176V^{(3),(3)} \oplus 268V^{(3),(2,1)} \oplus 188V^{(3),(1,1,1)} \oplus$

Table 70: Table for $\lambda = (4,3)$, $\mu = (3,2,1,1)$:

$k = 14: \quad 46V^{\varnothing,\varnothing}$
$k = 13: \quad 8426V^{\varnothing,\varnothing} \oplus 313V^{\varnothing,(1)} \oplus 711V^{(1),\varnothing}$
$k = 12: \quad 15824V^{\varnothing,\varnothing} \oplus 8070V^{\varnothing,(1)} \oplus 111V^{\varnothing,(2)} \oplus 113V^{\varnothing,(1,1)} \oplus 9148V^{(1),\varnothing} \oplus 1721V^{(1),(1)} \oplus 168V^{(2),\varnothing} \oplus 165V^{(1,1),\varnothing}$
$k = 11: \quad 15462V^{\varnothing,\varnothing} \oplus 13716V^{\varnothing,(1)} \oplus 3076V^{\varnothing,(2)} \oplus 3284V^{\varnothing,(1,1)} \oplus 29V^{\varnothing,(3)} \oplus 40V^{\varnothing,(2,1)} \oplus 37V^{\varnothing,(1,1,1)} \oplus 15798V^{(1),\varnothing} \oplus 12320V^{(1),(1)} \oplus 473V^{(1),(2)} \oplus 477V^{(1),(1,1)} \oplus 3478V^{(2),\varnothing} \oplus 623V^{(2),(1)} \oplus 2510V^{(1,1),\varnothing} \oplus 615V^{(1,1),(1)} \oplus 41V^{(3),\varnothing} \oplus 41V^{(2,1),\varnothing}$
$k = 10: \quad 11536V^{\varnothing,\varnothing} \oplus 11356V^{\varnothing,(1)} \oplus 4660V^{\varnothing,(2)} \oplus 4960V^{\varnothing,(1,1)} \oplus 752V^{\varnothing,(3)} \oplus 1618V^{\varnothing,(2,1)} \oplus 1210V^{\varnothing,(1,1,1)} \oplus 11V^{\varnothing,(3,1)} \oplus 11V^{\varnothing,(2,2)} \oplus 14V^{\varnothing,(2,1,1)} \oplus 10V^{\varnothing,(1,1,1,1)} \oplus 15358V^{(1),\varnothing} \oplus 19874V^{(1),(1)} \oplus 4360V^{(1),(2)} \oplus 4520V^{(1),(1,1)} \oplus 95V^{(1),(3)} \oplus 125V^{(1),(2,1)} \oplus 119V^{(1),(1,1,1)} \oplus 5566V^{(2),\varnothing} \oplus 4504V^{(2),(1)} \oplus 335V^{(2),(2)} \oplus 341V^{(2),(1,1)} \oplus 3916V^{(1,1),\varnothing} \oplus 3744V^{(1,1),(1)} \oplus 327V^{(1,1),(2)} \oplus 331V^{(1,1),(1,1)} \oplus 1286V^{(3),\varnothing} \oplus 161V^{(3),(1)} \oplus 1286V^{(2,1),\varnothing} \oplus 161V^{(2,1),(1)} \oplus 9V^{(4),\varnothing} \oplus 12V^{(3,1),\varnothing} \oplus 11V^{(2,2),\varnothing}$
$k = 9: \quad 5050V^{\varnothing,\varnothing} \oplus 7136V^{\varnothing,(1)} \oplus 3120V^{\varnothing,(2)} \oplus 3280V^{\varnothing,(1,1)} \oplus 902V^{\varnothing,(3)} \oplus 2002V^{\varnothing,(2,1)} \oplus 1452V^{\varnothing,(1,1,1)} \oplus 464V^{\varnothing,(3,1)} \oplus 464V^{\varnothing,(2,2)} \oplus 668V^{\varnothing,(2,1,1)} \oplus 312V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(3,2)} \oplus 4V^{\varnothing,(3,1,1)} \oplus 4V^{\varnothing,(2,2,1)} \oplus 4V^{\varnothing,(2,1,1,1)} \oplus 11425V^{(1),\varnothing} \oplus 17684V^{(1),(1)} \oplus 6630V^{(1),(2)} \oplus 6846V^{(1),(1,1)} \oplus 1272V^{(1),(3)} \oplus 1920V^{(1),(2,1)} \oplus 1632V^{(1),(1,1,1)} \oplus 31V^{(1),(3,1)} \oplus 31V^{(1),(2,2)} \oplus 37V^{(1),(2,1,1)} \oplus 29V^{(1),(1,1,1,1)} \oplus 4520V^{(2),\varnothing} \oplus 6810V^{(2),(1)} \oplus 1700V^{(2),(2)} \oplus 1796V^{(2),(1,1)} \oplus 87V^{(2),(3)} \oplus 115V^{(2),(2,1)} \oplus 107V^{(2),(1,1,1)} \oplus 3320V^{(1,1),\varnothing} \oplus 5586V^{(1,1),(1)} \oplus 1404V^{(1,1),(2)} \oplus 1468V^{(1,1),(1,1)} \oplus 82V^{(1,1),(3)} \oplus 104V^{(1,1),(2,1)} \oplus 99V^{(1,1),(1,1,1)} \oplus 1730V^{(3),\varnothing} \oplus 1608V^{(3),(1)} \oplus 137V^{(3),(2)} \oplus 141V^{(3),(1,1)} \oplus 1730V^{(2,1),\varnothing} \oplus 1608V^{(2,1),(1)} \oplus 137V^{(2,1),(2)} \oplus 141V^{(2,1),(1,1)} \oplus 344V^{(4),\varnothing} \oplus 33V^{(4),(1)} \oplus 548V^{(3,1),\varnothing} \oplus 41V^{(3,1),(1)} \oplus 396V^{(2,2),\varnothing} \oplus 39V^{(2,2),(1)} \oplus 3V^{(4,1),\varnothing} \oplus 4V^{(3,2),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 2196V^{\varnothing,(1)} \oplus 1356V^{\varnothing,(2)} \oplus 1356V^{\varnothing,(1,1)} \oplus 428V^{\varnothing,(3)} \oplus 948V^{\varnothing,(2,1)} \oplus 688V^{\varnothing,(1,1,1)} \oplus 384V^{\varnothing,(3,1)} \oplus 384V^{\varnothing,(2,2)} \oplus 534V^{\varnothing,(2,1,1)} \oplus 234V^{\varnothing,(1,1,1,1)} \oplus 104V^{\varnothing,(3,2)} \oplus 180V^{\varnothing,(3,1,1)} \oplus 180V^{\varnothing,(2,2,1)} \oplus 180V^{\varnothing,(2,1,1,1)} \oplus V^{\varnothing,(3,2,1)} \oplus V^{\varnothing,(3,1,1,1)} \oplus V^{\varnothing,(2,2,1,1)} \oplus 5640V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 5136V^{(1),(2)} \oplus 5232V^{(1),(1,1)} \oplus 1794V^{(1),(3)} \oplus 2538V^{(1),(2,1)} \oplus 2166V^{(1),(1,1,1)} \oplus 592V^{(1),(3,1)} \oplus 592V^{(1),(2,2)} \oplus 736V^{(1),(2,1,1)} \oplus 488V^{(1),(1,1,1,1)} \oplus 7V^{(1),(3,2)} \oplus 9V^{(1),(3,1,1)} \oplus 9V^{(1),(2,2,1)} \oplus 9V^{(1),(2,1,1,1)} \oplus 2511V^{(2),\varnothing} \oplus 5280V^{(2),(1)} \oplus 2318V^{(2),(2)} \oplus 2426V^{(2),(1,1)} \oplus 484V^{(2),(3)} \oplus 764V^{(2),(2,1)} \oplus 636V^{(2),(1,1,1)} \oplus 29V^{(2),(3,1)} \oplus 29V^{(2),(2,2)} \oplus 37V^{(2),(2,1,1)} \oplus 27V^{(2),(1,1,1,1)} \oplus 2043V^{(1,1),\varnothing} \oplus 4496V^{(1,1),(1)} \oplus 1886V^{(1,1),(2)} \oplus 1958V^{(1,1),(1,1)} \oplus 412V^{(1,1),(3)} \oplus 580V^{(1,1),(2,1)} \oplus 508V^{(1,1),(1,1,1)} \oplus 23V^{(1,1),(3,1)} \oplus 23V^{(1,1),(2,2)} \oplus 28V^{(1,1),(2,1,1)} \oplus 22V^{(1,1),(1,1,1,1)} \oplus 1080V^{(3),\varnothing} \oplus 2166V^{(3),(1)} \oplus 612V^{(3),(2)} \oplus 644V^{(3),(1,1)} \oplus 59V^{(3),(3)} \oplus 83V^{(3),(2,1)} \oplus 77V^{(3),(1,1,1)} \oplus 1080V^{(2,1),\varnothing} \oplus 2166V^{(2,1),(1)} \oplus 612V^{(2,1),(2)} \oplus 644V^{(2,1),(1,1)} \oplus 59V^{(2,1),(3)} \oplus 83V^{(2,1),(2,1)} \oplus 77V^{(2,1),(1,1,1)} \oplus 360V^{(4),\varnothing} \oplus 468V^{(4),(1)} \oplus 33V^{(4),(2)} \oplus 35V^{(4),(1,1)} \oplus 510V^{(3,1),\varnothing} \oplus 632V^{(3,1),(1)} \oplus 41V^{(3,1),(2)} \oplus 45V^{(3,1),(1,1)} \oplus 360V^{(2,2),\varnothing} \oplus 528V^{(2,2),(1)} \oplus 39V^{(2,2),(2)} \oplus 43V^{(2,2),(1,1)} \oplus 146V^{(4,1),\varnothing} \oplus 9V^{(4,1),(1)} \oplus 222V^{(3,2),\varnothing} \oplus 11V^{(3,2),(1)} \oplus V^{(4,2),\varnothing} \oplus V^{(3,3),\varnothing}$
$k = 7: \quad 196V^{\varnothing,(1)} \oplus 126V^{\varnothing,(2)} \oplus 126V^{\varnothing,(1,1)} \oplus 84V^{\varnothing,(3)} \oplus 84V^{\varnothing,(2,1)} \oplus 84V^{\varnothing,(1,1,1)} \oplus 42V^{\varnothing,(3,1)} \oplus 42V^{\varnothing,(2,2)} \oplus 42V^{\varnothing,(2,1,1)} \oplus 42V^{\varnothing,(1,1,1,1)} \oplus 28V^{\varnothing,(3,2)} \oplus 28V^{\varnothing,(3,1,1)} \oplus 28V^{\varnothing,(2,2,1)} \oplus 28V^{\varnothing,(2,1,1,1)} \oplus 14V^{\varnothing,(3,2,1)} \oplus 14V^{\varnothing,(3,1,1,1)} \oplus 14V^{\varnothing,(2,2,1,1)} \oplus 1225V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1200V^{(1),(3)} \oplus 1520V^{(1),(2,1)} \oplus 1360V^{(1),(1,1,1)} \oplus 650V^{(1),(3,1)} \oplus 650V^{(1),(2,2)} \oplus 750V^{(1),(2,1,1)} \oplus 550V^{(1),(1,1,1,1)} \oplus 204V^{(1),(3,2)} \oplus 256V^{(1),(3,1,1)} \oplus 256V^{(1),(2,2,1)} \oplus 256V^{(1),(2,1,1,1)} \oplus 3V^{(1),(3,2,1)} \oplus 3V^{(1),(3,1,1,1)} \oplus 3V^{(1),(2,2,1,1)} \oplus 700V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1580V^{(2),(2)} \oplus 1616V^{(2),(1,1)} \oplus 630V^{(2),(3)} \oplus 918V^{(2),(2,1)} \oplus 774V^{(2),(1,1,1)} \oplus 232V^{(2),(3,1)} \oplus 232V^{(2),(2,2)} \oplus 296V^{(2),(2,1,1)} \oplus 192V^{(2),(1,1,1,1)} \oplus 9V^{(2),(3,2)} \oplus 11V^{(2),(3,1,1)} \oplus 11V^{(2),(2,2,1)} \oplus 11V^{(2),(2,1,1,1)} \oplus 700V^{(1,1),\varnothing} \oplus$

Table 71: Table for $\lambda = (4,3)$, $\mu = (3,1,1,1,1)$:

$k = 14: \quad 17V^{\varnothing,\varnothing}$
$k = 13: \quad 7982V^{\varnothing,\varnothing} \oplus 253V^{\varnothing,(1)} \oplus 293V^{(1),\varnothing}$
$k = 12: \quad 15142V^{\varnothing,\varnothing} \oplus 7676V^{\varnothing,(1)} \oplus 85V^{\varnothing,(2)} \oplus 92V^{\varnothing,(1,1)} \oplus 7368V^{(1),\varnothing} \oplus 1415V^{(1),(1)} \oplus 111V^{(2),\varnothing} \oplus 108V^{(1,1),\varnothing}$
$k = 11: \quad 14878V^{\varnothing,\varnothing} \oplus 13362V^{\varnothing,(1)} \oplus 2612V^{\varnothing,(2)} \oplus 2920V^{\varnothing,(1,1)} \oplus 22V^{\varnothing,(3)} \oplus 30V^{\varnothing,(2,1)} \oplus 32V^{\varnothing,(1,1,1)} \oplus 12750V^{(1),\varnothing} \oplus 11600V^{(1),(1)} \oplus 385V^{(1),(2)} \oplus 407V^{(1),(1,1)} \oplus 2926V^{(2),\varnothing} \oplus 443V^{(2),(1)} \oplus 1958V^{(1,1),\varnothing} \oplus 435V^{(1,1),(1)} \oplus 37V^{(3),\varnothing} \oplus 37V^{(2,1),\varnothing}$
$k = 10: \quad 10766V^{\varnothing,\varnothing} \oplus 11236V^{\varnothing,(1)} \oplus 4180V^{\varnothing,(2)} \oplus 4570V^{\varnothing,(1,1)} \oplus 598V^{\varnothing,(3)} \oplus 1056V^{\varnothing,(2,1)} \oplus 1160V^{\varnothing,(1,1,1)} \oplus 8V^{\varnothing,(3,1)} \oplus 11V^{\varnothing,(2,1,1)} \oplus 11V^{\varnothing,(1,1,1,1)} \oplus 11638V^{(1),\varnothing} \oplus 19454V^{(1),(1)} \oplus 3816V^{(1),(2)} \oplus 4120V^{(1),(1,1)} \oplus 73V^{(1),(3)} \oplus 97V^{(1),(2,1)} \oplus 101V^{(1),(1,1,1)} \oplus 4566V^{(2),\varnothing} \oplus 4312V^{(2),(1)} \oplus 257V^{(2),(2)} \oplus 275V^{(2),(1,1)} \oplus 2916V^{(1,1),\varnothing} \oplus 3552V^{(1,1),(1)} \oplus 251V^{(1,1),(2)} \oplus 267V^{(1,1),(1,1)} \oplus 1086V^{(3),\varnothing} \oplus 125V^{(3),(1)} \oplus 1086V^{(2,1),\varnothing} \oplus 125V^{(2,1),(1)} \oplus 9V^{(4),\varnothing} \oplus 12V^{(3,1),\varnothing} \oplus 11V^{(2,2),\varnothing}$
$k = 9: \quad 4560V^{\varnothing,\varnothing} \oplus 7136V^{\varnothing,(1)} \oplus 2960V^{\varnothing,(2)} \oplus 3120V^{\varnothing,(1,1)} \oplus 802V^{\varnothing,(3)} \oplus 1352V^{\varnothing,(2,1)} \oplus 1452V^{\varnothing,(1,1,1)} \oplus 260V^{\varnothing,(3,1)} \oplus 464V^{\varnothing,(2,1,1)} \oplus 464V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(3,1,1)} \oplus 4V^{\varnothing,(2,1,1,1)} \oplus 3V^{\varnothing,(1,1,1,1,1)} \oplus 7185V^{(1),\varnothing} \oplus 17576V^{(1),(1)} \oplus 6198V^{(1),(2)} \oplus 6522V^{(1),(1,1)} \oplus 1120V^{(1),(3)} \oplus 1480V^{(1),(2,1)} \oplus 1560V^{(1),(1,1,1)} \oplus 25V^{(1),(3,1)} \oplus 31V^{(1),(2,1,1)} \oplus 31V^{(1),(1,1,1,1)} \oplus 3400V^{(2),\varnothing} \oplus 6738V^{(2),(1)} \oplus 1460V^{(2),(2)} \oplus 1604V^{(2),(1,1)} \oplus 69V^{(2),(3)} \oplus 89V^{(2),(2,1)} \oplus 95V^{(2),(1,1,1)} \oplus 2200V^{(1,1),\varnothing} \oplus 5514V^{(1,1),(1)} \oplus 1196V^{(1,1),(2)} \oplus 1308V^{(1,1),(1,1)} \oplus 66V^{(1,1),(3)} \oplus 83V^{(1,1),(2,1)} \oplus 87V^{(1,1),(1,1,1)} \oplus 1370V^{(3),\varnothing} \oplus 1560V^{(3),(1)} \oplus 85V^{(3),(2)} \oplus 101V^{(3),(1,1)} \oplus 1370V^{(2,1),\varnothing} \oplus 1560V^{(2,1),(1)} \oplus 85V^{(2,1),(2)} \oplus 101V^{(2,1),(1,1)} \oplus 264V^{(4),\varnothing} \oplus 27V^{(4),(1)} \oplus 468V^{(3,1),\varnothing} \oplus 35V^{(3,1),(1)} \oplus 316V^{(2,2),\varnothing} \oplus 33V^{(2,2),(1)} \oplus 3V^{(4,1),\varnothing} \oplus 4V^{(3,2),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 2196V^{\varnothing,(1)} \oplus 1356V^{\varnothing,(2)} \oplus 1356V^{\varnothing,(1,1)} \oplus 428V^{\varnothing,(3)} \oplus 688V^{\varnothing,(2,1)} \oplus 688V^{\varnothing,(1,1,1)} \oplus 234V^{\varnothing,(3,1)} \oplus 384V^{\varnothing,(2,1,1)} \oplus 384V^{\varnothing,(1,1,1,1)} \oplus 104V^{\varnothing,(3,1,1)} \oplus 180V^{\varnothing,(2,1,1,1)} \oplus 104V^{\varnothing,(1,1,1,1,1)} \oplus V^{\varnothing,(3,1,1,1)} \oplus V^{\varnothing,(2,1,1,1,1)} \oplus 2430V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 5040V^{(1),(2)} \oplus 5136V^{(1),(1,1)} \oplus 1722V^{(1),(3)} \oplus 2094V^{(1),(2,1)} \oplus 2166V^{(1),(1,1,1)} \oplus 448V^{(1),(3,1)} \oplus 592V^{(1),(2,1,1)} \oplus 592V^{(1),(1,1,1,1)} \oplus 7V^{(1),(3,1,1)} \oplus 9V^{(1),(2,1,1,1)} \oplus 7V^{(1),(1,1,1,1,1)} \oplus 1461V^{(2),\varnothing} \oplus 5280V^{(2),(1)} \oplus 2162V^{(2),(2)} \oplus 2294V^{(2),(1,1)} \oplus 412V^{(2),(3)} \oplus 564V^{(2),(2,1)} \oplus 612V^{(2),(1,1,1)} \oplus 21V^{(2),(3,1)} \oplus 29V^{(2),(2,1,1)} \oplus 29V^{(2),(1,1,1,1)} \oplus 993V^{(1,1),\varnothing} \oplus 4496V^{(1,1),(1)} \oplus 1766V^{(1,1),(2)} \oplus 1862V^{(1,1),(1,1)} \oplus 356V^{(1,1),(3)} \oplus 452V^{(1,1),(2,1)} \oplus 484V^{(1,1),(1,1,1)} \oplus 18V^{(1,1),(3,1)} \oplus 23V^{(1,1),(2,1,1)} \oplus 23V^{(1,1),(1,1,1,1)} \oplus 760V^{(3),\varnothing} \oplus 2166V^{(3),(1)} \oplus 532V^{(3),(2)} \oplus 588V^{(3),(1,1)} \oplus 43V^{(3),(3)} \oplus 61V^{(3),(2,1)} \oplus 65V^{(3),(1,1,1)} \oplus 760V^{(2,1),\varnothing} \oplus 2166V^{(2,1),(1)} \oplus 532V^{(2,1),(2)} \oplus 588V^{(2,1),(1,1)} \oplus 43V^{(2,1),(3)} \oplus 61V^{(2,1),(2,1)} \oplus 65V^{(2,1),(1,1,1)} \oplus 240V^{(4),\varnothing} \oplus 468V^{(4),(1)} \oplus 19V^{(4),(2)} \oplus 27V^{(4),(1,1)} \oplus 390V^{(3,1),\varnothing} \oplus 632V^{(3,1),(1)} \oplus 25V^{(3,1),(2)} \oplus 35V^{(3,1),(1,1)} \oplus 240V^{(2,2),\varnothing} \oplus 528V^{(2,2),(1)} \oplus 23V^{(2,2),(2)} \oplus 33V^{(2,2),(1,1)} \oplus 106V^{(4,1),\varnothing} \oplus 9V^{(4,1),(1)} \oplus 182V^{(3,2),\varnothing} \oplus 11V^{(3,2),(1)} \oplus V^{(4,2),\varnothing} \oplus V^{(3,3),\varnothing}$
$k = 7: \quad 196V^{\varnothing,(1)} \oplus 126V^{\varnothing,(2)} \oplus 126V^{\varnothing,(1,1)} \oplus 84V^{\varnothing,(3)} \oplus 84V^{\varnothing,(2,1)} \oplus 84V^{\varnothing,(1,1,1)} \oplus 42V^{\varnothing,(3,1)} \oplus 42V^{\varnothing,(2,1,1)} \oplus 42V^{\varnothing,(1,1,1,1)} \oplus 28V^{\varnothing,(3,1,1)} \oplus 28V^{\varnothing,(2,1,1,1)} \oplus 28V^{\varnothing,(1,1,1,1,1)} \oplus 14V^{\varnothing,(3,1,1,1)} \oplus 14V^{\varnothing,(2,1,1,1,1)} \oplus 225V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1200V^{(1),(3)} \oplus 1360V^{(1),(2,1)} \oplus 1360V^{(1),(1,1,1)} \oplus 550V^{(1),(3,1)} \oplus 650V^{(1),(2,1,1)} \oplus 650V^{(1),(1,1,1,1)} \oplus 204V^{(1),(3,1,1)} \oplus 256V^{(1),(2,1,1,1)} \oplus 204V^{(1),(1,1,1,1,1)} \oplus 3V^{(1),(3,1,1,1)} \oplus 3V^{(1),(2,1,1,1,1)} \oplus 165V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1544V^{(2),(2)} \oplus 1580V^{(2),(1,1)} \oplus 594V^{(2),(3)} \oplus 738V^{(2),(2,1)} \oplus 774V^{(2),(1,1,1)} \oplus 168V^{(2),(3,1)} \oplus 232V^{(2),(2,1,1)} \oplus 232V^{(2),(1,1,1,1)} \oplus 9V^{(2),(3,1,1)} \oplus 11V^{(2),(2,1,1,1)} \oplus 9V^{(2),(1,1,1,1,1)} \oplus 165V^{(1,1),\varnothing} \oplus 2580V^{(1,1),(1)} \oplus 1328V^{(1,1),(2)} \oplus 1352V^{(1,1),(1,1)} \oplus 528V^{(1,1),(3)} \oplus 606V^{(1,1),(2,1)} \oplus 630V^{(1,1),(1,1,1)} \oplus 140V^{(1,1),(3,1)} \oplus 176V^{(1,1),(2,1,1)} \oplus 176V^{(1,1),(1,1,1,1)} \oplus 6V^{(1,1),(3,1,1)} \oplus 7V^{(1,1),(2,1,1,1)} \oplus 6V^{(1,1),(1,1,1,1,1)} \oplus 105V^{(3),\varnothing} \oplus 1360V^{(3),(1)} \oplus 714V^{(3),(2)} \oplus 738V^{(3),(1,1)} \oplus 160V^{(3),(3)} \oplus$

Table 72: Table for $\lambda = (4,3)$, $\mu = (2,2,2,1)$:

$k = 14: \quad 11V^{\varnothing,\varnothing}$
$k = 13: \quad 7788V^{\varnothing,\varnothing} \oplus 237V^{\varnothing,(1)} \oplus 237V^{(1),\varnothing}$
$k = 12: \quad 14862V^{\varnothing,\varnothing} \oplus 7044V^{\varnothing,(1)} \oplus 84V^{\varnothing,(2)} \oplus 87V^{\varnothing,(1,1)} \oplus 7044V^{(1),\varnothing} \oplus 1363V^{(1),(1)} \oplus 87V^{(2),\varnothing} \oplus 84V^{(1,1),\varnothing}$
$k = 11: \quad 14528V^{\varnothing,\varnothing} \oplus 12378V^{\varnothing,(1)} \oplus 1852V^{\varnothing,(2)} \oplus 2820V^{\varnothing,(1,1)} \oplus 30V^{\varnothing,(2,1)} \oplus 30V^{\varnothing,(1,1,1)} \oplus 12378V^{(1),\varnothing} \oplus 11008V^{(1),(1)} \oplus 383V^{(1),(2)} \oplus 389V^{(1),(1,1)} \oplus 2820V^{(2),\varnothing} \oplus 389V^{(2),(1)} \oplus 1852V^{(1,1),\varnothing} \oplus 383V^{(1,1),(1)} \oplus 30V^{(3),\varnothing} \oplus 30V^{(2,1),\varnothing}$
$k = 10: \quad 10728V^{\varnothing,\varnothing} \oplus 10596V^{\varnothing,(1)} \oplus 2830V^{\varnothing,(2)} \oplus 4480V^{\varnothing,(1,1)} \oplus 1056V^{\varnothing,(2,1)} \oplus 1056V^{\varnothing,(1,1,1)} \oplus 10V^{\varnothing,(2,2)} \oplus 11V^{\varnothing,(2,1,1)} \oplus 8V^{\varnothing,(1,1,1,1)} \oplus 10596V^{(1),\varnothing} \oplus 18710V^{(1),(1)} \oplus 3296V^{(1),(2)} \oplus 3976V^{(1),(1,1)} \oplus 97V^{(1),(2,1)} \oplus 97V^{(1),(1,1,1)} \oplus 4480V^{(2),\varnothing} \oplus 3976V^{(2),(1)} \oplus 255V^{(2),(2)} \oplus 263V^{(2),(1,1)} \oplus 2830V^{(1,1),\varnothing} \oplus 3296V^{(1,1),(1)} \oplus 250V^{(1,1),(2)} \oplus 255V^{(1,1),(1,1)} \oplus 1056V^{(3),\varnothing} \oplus 97V^{(3),(1)} \oplus 1056V^{(2,1),\varnothing} \oplus 97V^{(2,1),(1)} \oplus 8V^{(4),\varnothing} \oplus 11V^{(3,1),\varnothing} \oplus 10V^{(2,2),\varnothing}$
$k = 9:$ $4560V^{\varnothing,\varnothing} \oplus 6896V^{\varnothing,(1)} \oplus 1920V^{\varnothing,(2)} \oplus 3120V^{\varnothing,(1,1)} \oplus 1352V^{\varnothing,(2,1)} \oplus 1352V^{\varnothing,(1,1,1)} \oplus 312V^{\varnothing,(2,2)} \oplus 464V^{\varnothing,(2,1,1)} \oplus 260V^{\varnothing,(1,1,1,1)} \oplus 4V^{\varnothing,(2,2,1)} \oplus 3V^{\varnothing,(2,1,1,1)} \oplus 6896V^{(1),\varnothing} \oplus 17192V^{(1),(1)} \oplus 5298V^{(1),(2)} \oplus 6414V^{(1),(1,1)} \oplus 1480V^{(1),(2,1)} \oplus 1480V^{(1),(1,1,1)} \oplus 29V^{(1),(2,2)} \oplus 31V^{(1),(2,1,1)} \oplus 25V^{(1),(1,1,1,1)} \oplus 3120V^{(2),\varnothing} \oplus 6414V^{(2),(1)} \oplus 1260V^{(2),(2)} \oplus 1556V^{(2),(1,1)} \oplus 89V^{(2),(2,1)} \oplus 89V^{(2),(1,1,1)} \oplus 1920V^{(1,1),\varnothing} \oplus 5298V^{(1,1),(1)} \oplus 1096V^{(1,1),(2)} \oplus 1260V^{(1,1),(1,1)} \oplus 83V^{(1,1),(2,1)} \oplus 83V^{(1,1),(1,1,1)} \oplus 1352V^{(3),\varnothing} \oplus 1480V^{(3),(1)} \oplus 83V^{(3),(2)} \oplus 89V^{(3),(1,1)} \oplus 1352V^{(2,1),\varnothing} \oplus 1480V^{(2,1),(1)} \oplus 83V^{(2,1),(2)} \oplus 89V^{(2,1),(1,1)} \oplus 260V^{(4),\varnothing} \oplus 25V^{(4),(1)} \oplus 464V^{(3,1),\varnothing} \oplus 31V^{(3,1),(1)} \oplus 312V^{(2,2),\varnothing} \oplus 29V^{(2,2),(1)} \oplus 3V^{(4,1),\varnothing} \oplus 4V^{(3,2),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 2196V^{\varnothing,(1)} \oplus 888V^{\varnothing,(2)} \oplus 1356V^{\varnothing,(1,1)} \oplus 688V^{\varnothing,(2,1)} \oplus 688V^{\varnothing,(1,1,1)} \oplus 234V^{\varnothing,(2,2)} \oplus 384V^{\varnothing,(2,1,1)} \oplus 234V^{\varnothing,(1,1,1,1)} \oplus 180V^{\varnothing,(2,2,1)} \oplus 104V^{\varnothing,(2,1,1,1)} \oplus V^{\varnothing,(2,2,2)} \oplus V^{\varnothing,(2,2,1,1)} \oplus 2196V^{(1),\varnothing} \oplus 11828V^{(1),(1)} \oplus 4400V^{(1),(2)} \oplus 5136V^{(1),(1,1)} \oplus 2094V^{(1),(2,1)} \oplus 2094V^{(1),(1,1,1)} \oplus 488V^{(1),(2,2)} \oplus 592V^{(1),(2,1,1)} \oplus 448V^{(1),(1,1,1,1)} \oplus 9V^{(1),(2,2,1)} \oplus 7V^{(1),(2,1,1,1)} \oplus 1356V^{(2),\varnothing} \oplus 5136V^{(2),(1)} \oplus 1838V^{(2),(2)} \oplus 2270V^{(2),(1,1)} \oplus 564V^{(2),(2,1)} \oplus 564V^{(2),(1,1,1)} \oplus 27V^{(2),(2,2)} \oplus 29V^{(2),(2,1,1)} \oplus 21V^{(2),(1,1,1,1)} \oplus 888V^{(1,1),\varnothing} \oplus 4400V^{(1,1),(1)} \oplus 1604V^{(1,1),(2)} \oplus 1838V^{(1,1),(1,1)} \oplus 452V^{(1,1),(2,1)} \oplus 452V^{(1,1),(1,1,1)} \oplus 22V^{(1,1),(2,2)} \oplus 23V^{(1,1),(2,1,1)} \oplus 18V^{(1,1),(1,1,1,1)} \oplus 688V^{(3),\varnothing} \oplus 2094V^{(3),(1)} \oplus 452V^{(3),(2)} \oplus 564V^{(3),(1,1)} \oplus 61V^{(3),(2,1)} \oplus 61V^{(3),(1,1,1)} \oplus 688V^{(2,1),\varnothing} \oplus 2094V^{(2,1),(1)} \oplus 452V^{(2,1),(2)} \oplus 564V^{(2,1),(1,1)} \oplus 61V^{(2,1),(2,1)} \oplus 61V^{(2,1),(1,1,1)} \oplus 234V^{(4),\varnothing} \oplus 448V^{(4),(1)} \oplus 18V^{(4),(2)} \oplus 21V^{(4),(1,1)} \oplus 384V^{(3,1),\varnothing} \oplus 592V^{(3,1),(1)} \oplus 23V^{(3,1),(2)} \oplus 29V^{(3,1),(1,1)} \oplus 234V^{(2,2),\varnothing} \oplus 488V^{(2,2),(1)} \oplus 22V^{(2,2),(2)} \oplus 27V^{(2,2),(1,1)} \oplus 104V^{(4,1),\varnothing} \oplus 7V^{(4,1),(1)} \oplus 180V^{(3,2),\varnothing} \oplus 9V^{(3,2),(1)} \oplus V^{(4,2),\varnothing} \oplus V^{(3,3),\varnothing}$
$k = 7: \quad 196V^{\varnothing,(1)} \oplus 126V^{\varnothing,(2)} \oplus 126V^{\varnothing,(1,1)} \oplus 84V^{\varnothing,(2,1)} \oplus 84V^{\varnothing,(1,1,1)} \oplus 42V^{\varnothing,(2,2)} \oplus 42V^{\varnothing,(2,1,1)} \oplus 42V^{\varnothing,(1,1,1,1)} \oplus 28V^{\varnothing,(2,2,1)} \oplus 28V^{\varnothing,(2,1,1,1)} \oplus 14V^{\varnothing,(2,2,2)} \oplus 14V^{\varnothing,(2,2,1,1)} \oplus 196V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2580V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1360V^{(1),(2,1)} \oplus 1360V^{(1),(1,1,1)} \oplus 550V^{(1),(2,2)} \oplus 650V^{(1),(2,1,1)} \oplus 550V^{(1),(1,1,1,1)} \oplus 256V^{(1),(2,2,1)} \oplus 204V^{(1),(2,1,1,1)} \oplus 3V^{(1),(2,2,2)} \oplus 3V^{(1),(2,2,1,1)} \oplus 126V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1352V^{(2),(2)} \oplus 1580V^{(2),(1,1)} \oplus 738V^{(2),(2,1)} \oplus 738V^{(2),(1,1,1)} \oplus 192V^{(2),(2,2)} \oplus 232V^{(2),(2,1,1)} \oplus 168V^{(2),(1,1,1,1)} \oplus 11V^{(2),(2,2,1)} \oplus 9V^{(2),(2,1,1,1)} \oplus 126V^{(1,1),\varnothing} \oplus 2580V^{(1,1),(1)} \oplus 1232V^{(1,1),(2)} \oplus 1352V^{(1,1),(1,1)} \oplus 606V^{(1,1),(2,1)} \oplus 606V^{(1,1),(1,1,1)} \oplus 156V^{(1,1),(2,2)} \oplus 176V^{(1,1),(2,1,1)} \oplus 140V^{(1,1),(1,1,1,1)} \oplus 7V^{(1,1),(2,2,1)} \oplus 6V^{(1,1),(2,1,1,1)} \oplus 84V^{(3),\varnothing} \oplus 1360V^{(3),(1)} \oplus 606V^{(3),(2)} \oplus 738V^{(3),(1,1)} \oplus 220V^{(3),(2,1)} \oplus 220V^{(3),(1,1,1)} \oplus 23V^{(3),(2,2)} \oplus 25V^{(3),(2,1,1)} \oplus 19V^{(3),(1,1,1,1)} \oplus 84V^{(2,1),\varnothing} \oplus 1360V^{(2,1),(1)} \oplus 606V^{(2,1),(2)} \oplus 738V^{(2,1),(1,1)} \oplus 220V^{(2,1),(2,1)} \oplus 220V^{(2,1),(1,1,1)} \oplus 23V^{(2,1),(2,2)} \oplus 25V^{(2,1),(2,1,1)} \oplus 19V^{(2,1),(1,1,1,1)} \oplus 42V^{(4),\varnothing} \oplus 550V^{(4),(1)} \oplus 140V^{(4),(2)} \oplus 168V^{(4),(1,1)} \oplus 19V^{(4),(2,1)} \oplus$

Table 73: Table for $\lambda = (4,3)$, $\mu = (2,2,1,1,1)$:

$k = 14: \quad 11V^{\varnothing,\varnothing}$
$k = 13: \quad 7788V^{\varnothing,\varnothing} \oplus 251V^{\varnothing,(1)} \oplus 239V^{(1),\varnothing}$
$k = 12: \quad 14862V^{\varnothing,\varnothing} \oplus 7156V^{\varnothing,(1)} \oplus 84V^{\varnothing,(2)} \oplus 92V^{\varnothing,(1,1)} \oplus 7048V^{(1),\varnothing} \oplus 1411V^{(1),(1)} \oplus 88V^{(2),\varnothing} \oplus 85V^{(1,1),\varnothing}$
$k = 11: \quad 14528V^{\varnothing,\varnothing} \oplus 12462V^{\varnothing,(1)} \oplus 1852V^{\varnothing,(2)} \oplus 2920V^{\varnothing,(1,1)} \oplus 30V^{\varnothing,(2,1)} \oplus 32V^{\varnothing,(1,1,1)} \oplus 12378V^{(1),\varnothing} \oplus 11200V^{(1),(1)} \oplus 383V^{(1),(2)} \oplus 407V^{(1),(1,1)} \oplus 2820V^{(2),\varnothing} \oplus 437V^{(2),(1)} \oplus 1852V^{(1,1),\varnothing} \oplus 431V^{(1,1),(1)} \oplus 30V^{(3),\varnothing} \oplus 30V^{(2,1),\varnothing}$
$k = 10: \quad 10728V^{\varnothing,\varnothing} \oplus 10596V^{\varnothing,(1)} \oplus 2830V^{\varnothing,(2)} \oplus 4570V^{\varnothing,(1,1)} \oplus 1056V^{\varnothing,(2,1)} \oplus 1160V^{\varnothing,(1,1,1)} \oplus 8V^{\varnothing,(2,2)} \oplus 11V^{\varnothing,(2,1,1)} \oplus 11V^{\varnothing,(1,1,1,1)} \oplus 10596V^{(1),\varnothing} \oplus 18806V^{(1),(1)} \oplus 3296V^{(1),(2)} \oplus 4120V^{(1),(1,1)} \oplus 97V^{(1),(2,1)} \oplus 101V^{(1),(1,1,1)} \oplus 4480V^{(2),\varnothing} \oplus 4072V^{(2),(1)} \oplus 255V^{(2),(2)} \oplus 275V^{(2),(1,1)} \oplus 2830V^{(1,1),\varnothing} \oplus 3392V^{(1,1),(1)} \oplus 250V^{(1,1),(2)} \oplus 267V^{(1,1),(1,1)} \oplus 1056V^{(3),\varnothing} \oplus 121V^{(3),(1)} \oplus 1056V^{(2,1),\varnothing} \oplus 121V^{(2,1),(1)} \oplus 8V^{(4),\varnothing} \oplus 11V^{(3,1),\varnothing} \oplus 10V^{(2,2),\varnothing}$
$k = 9: \quad 4560V^{\varnothing,\varnothing} \oplus 6896V^{\varnothing,(1)} \oplus 1920V^{\varnothing,(2)} \oplus 3120V^{\varnothing,(1,1)} \oplus 1352V^{\varnothing,(2,1)} \oplus 1452V^{\varnothing,(1,1,1)} \oplus 260V^{\varnothing,(2,2)} \oplus 464V^{\varnothing,(2,1,1)} \oplus 464V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(2,2,1)} \oplus 4V^{\varnothing,(2,1,1,1)} \oplus 3V^{\varnothing,(1,1,1,1,1)} \oplus 6896V^{(1),\varnothing} \oplus 17192V^{(1),(1)} \oplus 5298V^{(1),(2)} \oplus 6522V^{(1),(1,1)} \oplus 1480V^{(1),(2,1)} \oplus 1560V^{(1),(1,1,1)} \oplus 25V^{(1),(2,2)} \oplus 31V^{(1),(2,1,1)} \oplus 31V^{(1),(1,1,1,1)} \oplus 3120V^{(2),\varnothing} \oplus 6414V^{(2),(1)} \oplus 1260V^{(2),(2)} \oplus 1604V^{(2),(1,1)} \oplus 89V^{(2),(2,1)} \oplus 95V^{(2),(1,1,1)} \oplus 1920V^{(1,1),\varnothing} \oplus 5298V^{(1,1),(1)} \oplus 1096V^{(1,1),(2)} \oplus 1308V^{(1,1),(1,1)} \oplus 83V^{(1,1),(2,1)} \oplus 87V^{(1,1),(1,1,1)} \oplus 1352V^{(3),\varnothing} \oplus 1480V^{(3),(1)} \oplus 83V^{(3),(2)} \oplus 101V^{(3),(1,1)} \oplus 1352V^{(2,1),\varnothing} \oplus 1480V^{(2,1),(1)} \oplus 83V^{(2,1),(2)} \oplus 101V^{(2,1),(1,1)} \oplus 260V^{(4),\varnothing} \oplus 25V^{(4),(1)} \oplus 464V^{(3,1),\varnothing} \oplus 31V^{(3,1),(1)} \oplus 312V^{(2,2),\varnothing} \oplus 29V^{(2,2),(1)} \oplus 3V^{(4,1),\varnothing} \oplus 4V^{(3,2),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 2196V^{\varnothing,(1)} \oplus 888V^{\varnothing,(2)} \oplus 1356V^{\varnothing,(1,1)} \oplus 688V^{\varnothing,(2,1)} \oplus 688V^{\varnothing,(1,1,1)} \oplus 234V^{\varnothing,(2,2)} \oplus 384V^{\varnothing,(2,1,1)} \oplus 384V^{\varnothing,(1,1,1,1)} \oplus 104V^{\varnothing,(2,2,1)} \oplus 180V^{\varnothing,(2,1,1,1)} \oplus 104V^{\varnothing,(1,1,1,1,1)} \oplus V^{\varnothing,(2,2,1,1)} \oplus V^{\varnothing,(2,1,1,1,1)} \oplus 2280V^{(1),\varnothing} \oplus 11828V^{(1),(1)} \oplus 4400V^{(1),(2)} \oplus 5136V^{(1),(1,1)} \oplus 2094V^{(1),(2,1)} \oplus 2166V^{(1),(1,1,1)} \oplus 448V^{(1),(2,2)} \oplus 592V^{(1),(2,1,1)} \oplus 592V^{(1),(1,1,1,1)} \oplus 7V^{(1),(2,2,1)} \oplus 9V^{(1),(2,1,1,1)} \oplus 7V^{(1),(1,1,1,1,1)} \oplus 1356V^{(2),\varnothing} \oplus 5136V^{(2),(1)} \oplus 1838V^{(2),(2)} \oplus 2294V^{(2),(1,1)} \oplus 564V^{(2),(2,1)} \oplus 612V^{(2),(1,1,1)} \oplus 21V^{(2),(2,2)} \oplus 29V^{(2),(2,1,1)} \oplus 29V^{(2),(1,1,1,1)} \oplus 888V^{(1,1),\varnothing} \oplus 4400V^{(1,1),(1)} \oplus 1604V^{(1,1),(2)} \oplus 1862V^{(1,1),(1,1)} \oplus 452V^{(1,1),(2,1)} \oplus 484V^{(1,1),(1,1,1)} \oplus 18V^{(1,1),(2,2)} \oplus 23V^{(1,1),(2,1,1)} \oplus 23V^{(1,1),(1,1,1,1)} \oplus 688V^{(3),\varnothing} \oplus 2094V^{(3),(1)} \oplus 452V^{(3),(2)} \oplus 588V^{(3),(1,1)} \oplus 61V^{(3),(2,1)} \oplus 65V^{(3),(1,1,1)} \oplus 688V^{(2,1),\varnothing} \oplus 2094V^{(2,1),(1)} \oplus 452V^{(2,1),(2)} \oplus 588V^{(2,1),(1,1)} \oplus 61V^{(2,1),(2,1)} \oplus 65V^{(2,1),(1,1,1)} \oplus 234V^{(4),\varnothing} \oplus 448V^{(4),(1)} \oplus 18V^{(4),(2)} \oplus 27V^{(4),(1,1)} \oplus 384V^{(3,1),\varnothing} \oplus 592V^{(3,1),(1)} \oplus 23V^{(3,1),(2)} \oplus 35V^{(3,1),(1,1)} \oplus 234V^{(2,2),\varnothing} \oplus 488V^{(2,2),(1)} \oplus 22V^{(2,2),(2)} \oplus 33V^{(2,2),(1,1)} \oplus 104V^{(4,1),\varnothing} \oplus 7V^{(4,1),(1)} \oplus 180V^{(3,2),\varnothing} \oplus 9V^{(3,2),(1)} \oplus V^{(4,2),\varnothing} \oplus V^{(3,3),\varnothing}$
$k = 7: \quad 196V^{\varnothing,(1)} \oplus 126V^{\varnothing,(2)} \oplus 126V^{\varnothing,(1,1)} \oplus 84V^{\varnothing,(2,1)} \oplus 84V^{\varnothing,(1,1,1)} \oplus 42V^{\varnothing,(2,2)} \oplus 42V^{\varnothing,(2,1,1)} \oplus 42V^{\varnothing,(1,1,1,1)} \oplus 28V^{\varnothing,(2,2,1)} \oplus 28V^{\varnothing,(2,1,1,1)} \oplus 28V^{\varnothing,(1,1,1,1,1)} \oplus 14V^{\varnothing,(2,2,1,1)} \oplus 14V^{\varnothing,(2,1,1,1,1)} \oplus 196V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2580V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1360V^{(1),(2,1)} \oplus 1360V^{(1),(1,1,1)} \oplus 550V^{(1),(2,2)} \oplus 650V^{(1),(2,1,1)} \oplus 650V^{(1),(1,1,1,1)} \oplus 204V^{(1),(2,2,1)} \oplus 256V^{(1),(2,1,1,1)} \oplus 204V^{(1),(1,1,1,1,1)} \oplus 3V^{(1),(2,2,1,1)} \oplus 3V^{(1),(2,1,1,1,1)} \oplus 140V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1352V^{(2),(2)} \oplus 1580V^{(2),(1,1)} \oplus 738V^{(2),(2,1)} \oplus 774V^{(2),(1,1,1)} \oplus 168V^{(2),(2,2)} \oplus 232V^{(2),(2,1,1)} \oplus 232V^{(2),(1,1,1,1)} \oplus 9V^{(2),(2,2,1)} \oplus 11V^{(2),(2,1,1,1)} \oplus 9V^{(2),(1,1,1,1,1)} \oplus 140V^{(1,1),\varnothing} \oplus 2580V^{(1,1),(1)} \oplus 1232V^{(1,1),(2)} \oplus 1352V^{(1,1),(1,1)} \oplus 606V^{(1,1),(2,1)} \oplus 630V^{(1,1),(1,1,1)} \oplus 140V^{(1,1),(2,2)} \oplus 176V^{(1,1),(2,1,1)} \oplus 176V^{(1,1),(1,1,1,1)} \oplus 6V^{(1,1),(2,2,1)} \oplus 7V^{(1,1),(2,1,1,1)} \oplus 6V^{(1,1),(1,1,1,1,1)} \oplus 84V^{(3),\varnothing} \oplus 1360V^{(3),(1)} \oplus 606V^{(3),(2)} \oplus 738V^{(3),(1,1)} \oplus 220V^{(3),(2,1)} \oplus 236V^{(3),(1,1,1)} \oplus 19V^{(3),(2,2)} \oplus 25V^{(3),(2,1,1)} \oplus 25V^{(3),(1,1,1,1)} \oplus 84V^{(2,1),\varnothing} \oplus 1360V^{(2,1),(1)} \oplus 606V^{(2,1),(2)} \oplus 738V^{(2,1),(1,1)} \oplus 220V^{(2,1),(2,1)} \oplus 236V^{(2,1),(1,1,1)} \oplus 19V^{(2,1),(2,2)} \oplus 25V^{(2,1),(2,1,1)} \oplus$

Table 74: Table for $\lambda = (4,3)$, $\mu = (2,1,1,1,1,1)$:

$k = 14: \quad 7V^{\varnothing,\varnothing}$
$k = 13: \quad 7612V^{\varnothing,\varnothing} \oplus 232V^{\varnothing,(1)} \oplus 101V^{(1),\varnothing}$
$k = 12: \quad 14566V^{\varnothing,\varnothing} \oplus 6844V^{\varnothing,(1)} \oplus 63V^{\varnothing,(2)} \oplus 85V^{\varnothing,(1,1)} \oplus 6276V^{(1),\varnothing} \oplus 1345V^{(1),(1)} \oplus 55V^{(2),\varnothing} \oplus 52V^{(1,1),\varnothing}$
$k = 11: \quad 14392V^{\varnothing,\varnothing} \oplus 12108V^{\varnothing,(1)} \oplus 1488V^{\varnothing,(2)} \oplus 2612V^{\varnothing,(1,1)} \oplus 22V^{\varnothing,(2,1)} \oplus 30V^{\varnothing,(1,1,1)} \oplus 11130V^{(1),\varnothing} \oplus 10720V^{(1),(1)} \oplus 313V^{(1),(2)} \oplus 385V^{(1),(1,1)} \oplus 2580V^{(2),\varnothing} \oplus 377V^{(2),(1)} \oplus 1612V^{(1,1),\varnothing} \oplus 371V^{(1,1),(1)} \oplus 26V^{(3),\varnothing} \oplus 26V^{(2,1),\varnothing}$
$k = 10: \quad 10532V^{\varnothing,\varnothing} \oplus 10476V^{\varnothing,(1)} \oplus 2440V^{\varnothing,(2)} \oplus 4180V^{\varnothing,(1,1)} \oplus 598V^{\varnothing,(2,1)} \oplus 1056V^{\varnothing,(1,1,1)} \oplus 8V^{\varnothing,(2,1,1)} \oplus 11V^{\varnothing,(1,1,1,1)} \oplus 9556V^{(1),\varnothing} \oplus 18386V^{(1),(1)} \oplus 2896V^{(1),(2)} \oplus 3816V^{(1),(1,1)} \oplus 73V^{(1),(2,1)} \oplus 97V^{(1),(1,1,1)} \oplus 4080V^{(2),\varnothing} \oplus 3880V^{(2),(1)} \oplus 189V^{(2),(2)} \oplus 257V^{(2),(1,1)} \oplus 2430V^{(1,1),\varnothing} \oplus 3200V^{(1,1),(1)} \oplus 186V^{(1,1),(2)} \oplus 251V^{(1,1),(1,1)} \oplus 976V^{(3),\varnothing} \oplus 85V^{(3),(1)} \oplus 976V^{(2,1),\varnothing} \oplus 85V^{(2,1),(1)} \oplus 8V^{(4),\varnothing} \oplus 11V^{(3,1),\varnothing} \oplus 10V^{(2,2),\varnothing}$
$k = 9: \quad 4560V^{\varnothing,\varnothing} \oplus 6896V^{\varnothing,(1)} \oplus 1760V^{\varnothing,(2)} \oplus 2960V^{\varnothing,(1,1)} \oplus 802V^{\varnothing,(2,1)} \oplus 1352V^{\varnothing,(1,1,1)} \oplus 260V^{\varnothing,(2,1,1)} \oplus 464V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(2,1,1,1)} \oplus 4V^{\varnothing,(1,1,1,1,1)} \oplus 5640V^{(1),\varnothing} \oplus 17084V^{(1),(1)} \oplus 4974V^{(1),(2)} \oplus 6198V^{(1),(1,1)} \oplus 1120V^{(1),(2,1)} \oplus 1480V^{(1),(1,1,1)} \oplus 25V^{(1),(2,1,1)} \oplus 31V^{(1),(1,1,1,1)} \oplus 2800V^{(2),\varnothing} \oplus 6342V^{(2),(1)} \oplus 1068V^{(2),(2)} \oplus 1460V^{(2),(1,1)} \oplus 69V^{(2),(2,1)} \oplus 89V^{(2),(1,1,1)} \oplus 1600V^{(1,1),\varnothing} \oplus 5226V^{(1,1),(1)} \oplus 936V^{(1,1),(2)} \oplus 1196V^{(1,1),(1,1)} \oplus 66V^{(1,1),(2,1)} \oplus 83V^{(1,1),(1,1,1)} \oplus 1208V^{(3),\varnothing} \oplus 1432V^{(3),(1)} \oplus 43V^{(3),(2)} \oplus 85V^{(3),(1,1)} \oplus 1208V^{(2,1),\varnothing} \oplus 1432V^{(2,1),(1)} \oplus 43V^{(2,1),(2)} \oplus 85V^{(2,1),(1,1)} \oplus 228V^{(4),\varnothing} \oplus 19V^{(4),(1)} \oplus 432V^{(3,1),\varnothing} \oplus 25V^{(3,1),(1)} \oplus 280V^{(2,2),\varnothing} \oplus 23V^{(2,2),(1)} \oplus 3V^{(4,1),\varnothing} \oplus 4V^{(3,2),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 2196V^{\varnothing,(1)} \oplus 888V^{\varnothing,(2)} \oplus 1356V^{\varnothing,(1,1)} \oplus 428V^{\varnothing,(2,1)} \oplus 688V^{\varnothing,(1,1,1)} \oplus 234V^{\varnothing,(2,1,1)} \oplus 384V^{\varnothing,(1,1,1,1)} \oplus 104V^{\varnothing,(2,1,1,1)} \oplus 180V^{\varnothing,(1,1,1,1,1)} \oplus V^{\varnothing,(2,1,1,1,1)} \oplus V^{\varnothing,(1,1,1,1,1,1)} \oplus 1620V^{(1),\varnothing} \oplus 11828V^{(1),(1)} \oplus 4304V^{(1),(2)} \oplus 5040V^{(1),(1,1)} \oplus 1722V^{(1),(2,1)} \oplus 2094V^{(1),(1,1,1)} \oplus 448V^{(1),(2,1,1)} \oplus 592V^{(1),(1,1,1,1)} \oplus 7V^{(1),(2,1,1,1)} \oplus 9V^{(1),(1,1,1,1,1)} \oplus 1056V^{(2),\varnothing} \oplus 5136V^{(2),(1)} \oplus 1706V^{(2),(2)} \oplus 2162V^{(2),(1,1)} \oplus 412V^{(2),(2,1)} \oplus 564V^{(2),(1,1,1)} \oplus 21V^{(2),(2,1,1)} \oplus 29V^{(2),(1,1,1,1)} \oplus 588V^{(1,1),\varnothing} \oplus 4400V^{(1,1),(1)} \oplus 1508V^{(1,1),(2)} \oplus 1766V^{(1,1),(1,1)} \oplus 356V^{(1,1),(2,1)} \oplus 452V^{(1,1),(1,1,1)} \oplus 18V^{(1,1),(2,1,1)} \oplus 23V^{(1,1),(1,1,1,1)} \oplus 592V^{(3),\varnothing} \oplus 2094V^{(3),(1)} \oplus 396V^{(3),(2)} \oplus 532V^{(3),(1,1)} \oplus 43V^{(3),(2,1)} \oplus 61V^{(3),(1,1,1)} \oplus 592V^{(2,1),\varnothing} \oplus 2094V^{(2,1),(1)} \oplus 396V^{(2,1),(2)} \oplus 532V^{(2,1),(1,1)} \oplus 43V^{(2,1),(2,1)} \oplus 61V^{(2,1),(1,1,1)} \oplus 186V^{(4),\varnothing} \oplus 448V^{(4),(1)} \oplus 10V^{(4),(2)} \oplus 19V^{(4),(1,1)} \oplus 336V^{(3,1),\varnothing} \oplus 592V^{(3,1),(1)} \oplus 13V^{(3,1),(2)} \oplus 25V^{(3,1),(1,1)} \oplus 186V^{(2,2),\varnothing} \oplus 488V^{(2,2),(1)} \oplus 12V^{(2,2),(2)} \oplus 23V^{(2,2),(1,1)} \oplus 88V^{(4,1),\varnothing} \oplus 7V^{(4,1),(1)} \oplus 164V^{(3,2),\varnothing} \oplus 9V^{(3,2),(1)} \oplus V^{(4,2),\varnothing} \oplus V^{(3,3),\varnothing}$
$k = 7: \quad 196V^{\varnothing,(1)} \oplus 126V^{\varnothing,(2)} \oplus 126V^{\varnothing,(1,1)} \oplus 84V^{\varnothing,(2,1)} \oplus 84V^{\varnothing,(1,1,1)} \oplus 42V^{\varnothing,(2,1,1)} \oplus 42V^{\varnothing,(1,1,1,1)} \oplus 28V^{\varnothing,(2,1,1,1)} \oplus 28V^{\varnothing,(1,1,1,1,1)} \oplus 14V^{\varnothing,(2,1,1,1,1)} \oplus 14V^{\varnothing,(1,1,1,1,1,1)} \oplus 36V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2580V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1200V^{(1),(2,1)} \oplus 1360V^{(1),(1,1,1)} \oplus 550V^{(1),(2,1,1)} \oplus 650V^{(1),(1,1,1,1)} \oplus 204V^{(1),(2,1,1,1)} \oplus 256V^{(1),(1,1,1,1,1)} \oplus 3V^{(1),(2,1,1,1,1)} \oplus 3V^{(1),(1,1,1,1,1,1)} \oplus 30V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1316V^{(2),(2)} \oplus 1544V^{(2),(1,1)} \oplus 594V^{(2),(2,1)} \oplus 738V^{(2),(1,1,1)} \oplus 168V^{(2),(2,1,1)} \oplus 232V^{(2),(1,1,1,1)} \oplus 9V^{(2),(2,1,1,1)} \oplus 11V^{(2),(1,1,1,1,1)} \oplus 30V^{(1,1),\varnothing} \oplus 2580V^{(1,1),(1)} \oplus 1208V^{(1,1),(2)} \oplus 1328V^{(1,1),(1,1)} \oplus 528V^{(1,1),(2,1)} \oplus 606V^{(1,1),(1,1,1)} \oplus 140V^{(1,1),(2,1,1)} \oplus 176V^{(1,1),(1,1,1,1)} \oplus 6V^{(1,1),(2,1,1,1)} \oplus 7V^{(1,1),(1,1,1,1,1)} \oplus 24V^{(3),\varnothing} \oplus 1360V^{(3),(1)} \oplus 582V^{(3),(2)} \oplus 714V^{(3),(1,1)} \oplus 160V^{(3),(2,1)} \oplus 220V^{(3),(1,1,1)} \oplus 19V^{(3),(2,1,1)} \oplus 25V^{(3),(1,1,1,1)} \oplus 24V^{(2,1),\varnothing} \oplus 1360V^{(2,1),(1)} \oplus 582V^{(2,1),(2)} \oplus 714V^{(2,1),(1,1)} \oplus 160V^{(2,1),(2,1)} \oplus 220V^{(2,1),(1,1,1)} \oplus 19V^{(2,1),(2,1,1)} \oplus 25V^{(2,1),(1,1,1,1)} \oplus 18V^{(4),\varnothing} \oplus 550V^{(4),(1)} \oplus 132V^{(4),(2)} \oplus 160V^{(4),(1,1)} \oplus 10V^{(4),(2,1)} \oplus 19V^{(4),(1,1,1)} \oplus 18V^{(3,1),\varnothing} \oplus 650V^{(3,1),(1)} \oplus 160V^{(3,1),(2)} \oplus 216V^{(3,1),(1,1)} \oplus 13V^{(3,1),(2,1)} \oplus 25V^{(3,1),(1,1,1)} \oplus 18V^{(2,2),\varnothing} \oplus 550V^{(2,2),(1)} \oplus 140V^{(2,2),(2)} \oplus 176V^{(2,2),(1,1)} \oplus 12V^{(2,2),(2,1)} \oplus 23V^{(2,2),(1,1,1)} \oplus 12V^{(4,1),\varnothing} \oplus 204V^{(4,1),(1)} \oplus 4V^{(4,1),(2)} \oplus 7V^{(4,1),(1,1)} \oplus 12V^{(3,2),\varnothing} \oplus$

Table 75: Table for $\lambda = (4,3)$, $\mu = (1,1,1,1,1,1,1)$:

$k = 14: \quad 2V^{\varnothing,\varnothing}$
$k = 13: \quad 6466V^{\varnothing,\varnothing} \oplus 169V^{\varnothing,(1)} \oplus 13V^{(1),\varnothing}$
$k = 12:$ $12514V^{\varnothing,\varnothing} \oplus 3954V^{\varnothing,(1)} \oplus 63V^{\varnothing,(1,1)} \oplus 4688V^{(1),\varnothing} \oplus 1033V^{(1),(1)} \oplus 11V^{(2),\varnothing} \oplus 9V^{(1,1),\varnothing}$
$k = 11:$ $12836V^{\varnothing,\varnothing} \oplus 7104V^{\varnothing,(1)} \oplus 1488V^{\varnothing,(1,1)} \oplus 22V^{\varnothing,(1,1,1)} \oplus 8649V^{(1),\varnothing} \oplus 8248V^{(1),(1)} \oplus$ $313V^{(1),(1,1)} \oplus 1906V^{(2),\varnothing} \oplus 189V^{(2),(1)} \oplus 1042V^{(1,1),\varnothing} \oplus 186V^{(1,1),(1)} \oplus 8V^{(3),\varnothing} \oplus 8V^{(2,1),\varnothing}$
$k = 10: \quad 9836V^{\varnothing,\varnothing} \oplus 6148V^{\varnothing,(1)} \oplus 2440V^{\varnothing,(1,1)} \oplus 598V^{\varnothing,(1,1,1)} \oplus 8V^{\varnothing,(1,1,1,1)} \oplus$ $7904V^{(1),\varnothing} \oplus 14818V^{(1),(1)} \oplus 2896V^{(1),(1,1)} \oplus 73V^{(1),(1,1,1)} \oplus 3211V^{(2),\varnothing} \oplus$ $2928V^{(2),(1)} \oplus 189V^{(2),(1,1)} \oplus 1711V^{(1,1),\varnothing} \oplus 2588V^{(1,1),(1)} \oplus 186V^{(1,1),(1,1)} \oplus$ $742V^{(3),\varnothing} \oplus 43V^{(3),(1)} \oplus 742V^{(2,1),\varnothing} \oplus 43V^{(2,1),(1)} \oplus 4V^{(4),\varnothing} \oplus 6V^{(3,1),\varnothing} \oplus 5V^{(2,2),\varnothing}$
$k = 9: \quad 4440V^{\varnothing,\varnothing} \oplus 4316V^{\varnothing,(1)} \oplus 1760V^{\varnothing,(1,1)} \oplus 802V^{\varnothing,(1,1,1)} \oplus 260V^{\varnothing,(1,1,1,1)} \oplus$ $3V^{\varnothing,(1,1,1,1,1)} \oplus 4945V^{(1),\varnothing} \oplus 14416V^{(1),(1)} \oplus 4974V^{(1),(1,1)} \oplus 1120V^{(1),(1,1,1)} \oplus$ $25V^{(1),(1,1,1,1)} \oplus 2336V^{(2),\varnothing} \oplus 5046V^{(2),(1)} \oplus 1068V^{(2),(1,1)} \oplus 69V^{(2),(1,1,1)} \oplus$ $1216V^{(1,1),\varnothing} \oplus 4488V^{(1,1),(1)} \oplus 936V^{(1,1),(1,1)} \oplus 66V^{(1,1),(1,1,1)} \oplus 1009V^{(3),\varnothing} \oplus$ $1096V^{(3),(1)} \oplus 43V^{(3),(1,1)} \oplus 1009V^{(2,1),\varnothing} \oplus 1096V^{(2,1),(1)} \oplus 43V^{(2,1),(1,1)} \oplus 182V^{(4),\varnothing} \oplus$ $10V^{(4),(1)} \oplus 360V^{(3,1),\varnothing} \oplus 13V^{(3,1),(1)} \oplus 208V^{(2,2),\varnothing} \oplus 12V^{(2,2),(1)} \oplus 3V^{(4,1),\varnothing} \oplus 4V^{(3,2),\varnothing}$
$k = 8:$ $720V^{\varnothing,\varnothing} \oplus 1476V^{\varnothing,(1)} \oplus 888V^{\varnothing,(1,1)} \oplus 428V^{\varnothing,(1,1,1)} \oplus 234V^{\varnothing,(1,1,1,1)} \oplus 104V^{\varnothing,(1,1,1,1,1)} \oplus$ $V^{\varnothing,(1,1,1,1,1,1)} \oplus 1446V^{(1),\varnothing} \oplus 10532V^{(1),(1)} \oplus 4304V^{(1),(1,1)} \oplus 1722V^{(1),(1,1,1)} \oplus$ $448V^{(1),(1,1,1,1)} \oplus 7V^{(1),(1,1,1,1,1)} \oplus 941V^{(2),\varnothing} \oplus 4352V^{(2),(1)} \oplus 1706V^{(2),(1,1)} \oplus$ $412V^{(2),(1,1,1)} \oplus 21V^{(2),(1,1,1,1)} \oplus 473V^{(1,1),\varnothing} \oplus 3984V^{(1,1),(1)} \oplus 1508V^{(1,1),(1,1)} \oplus$ $356V^{(1,1),(1,1,1)} \oplus 18V^{(1,1),(1,1,1,1)} \oplus 524V^{(3),\varnothing} \oplus 1722V^{(3),(1)} \oplus 396V^{(3),(1,1)} \oplus 43V^{(3),(1,1,1)} \oplus$ $524V^{(2,1),\varnothing} \oplus 1722V^{(2,1),(1)} \oplus 396V^{(2,1),(1,1)} \oplus 43V^{(2,1),(1,1,1)} \oplus 153V^{(4),\varnothing} \oplus 376V^{(4),(1)} \oplus$ $10V^{(4),(1,1)} \oplus 303V^{(3,1),\varnothing} \oplus 448V^{(3,1),(1)} \oplus 13V^{(3,1),(1,1)} \oplus 153V^{(2,2),\varnothing} \oplus 396V^{(2,2),(1)} \oplus$ $12V^{(2,2),(1,1)} \oplus 78V^{(4,1),\varnothing} \oplus 4V^{(4,1),(1)} \oplus 154V^{(3,2),\varnothing} \oplus 5V^{(3,2),(1)} \oplus 2V^{(4,2),\varnothing} \oplus 2V^{(3,3),\varnothing}$
$k = 7: \quad 196V^{\varnothing,(1)} \oplus 126V^{\varnothing,(1,1)} \oplus 84V^{\varnothing,(1,1,1)} \oplus 42V^{\varnothing,(1,1,1,1)} \oplus 28V^{\varnothing,(1,1,1,1,1)} \oplus$ $14V^{\varnothing,(1,1,1,1,1,1)} \oplus V^{(1),\varnothing} \oplus 4560V^{(1),(1)} \oplus 2580V^{(1),(1,1)} \oplus 1200V^{(1),(1,1,1)} \oplus$ $550V^{(1),(1,1,1,1)} \oplus 204V^{(1),(1,1,1,1,1)} \oplus 3V^{(1),(1,1,1,1,1,1)} \oplus V^{(2),\varnothing} \oplus 2580V^{(2),(1)} \oplus$ $1316V^{(2),(1,1)} \oplus 594V^{(2),(1,1,1)} \oplus 168V^{(2),(1,1,1,1)} \oplus 9V^{(2),(1,1,1,1,1)} \oplus V^{(1,1),\varnothing} \oplus 2460V^{(1,1),(1)} \oplus$ $1208V^{(1,1),(1,1)} \oplus 528V^{(1,1),(1,1,1)} \oplus 140V^{(1,1),(1,1,1,1)} \oplus 6V^{(1,1),(1,1,1,1,1)} \oplus V^{(3),\varnothing} \oplus$ $1200V^{(3),(1)} \oplus 582V^{(3),(1,1)} \oplus 160V^{(3),(1,1,1)} \oplus 19V^{(3),(1,1,1,1)} \oplus V^{(2,1),\varnothing} \oplus 1200V^{(2,1),(1)} \oplus$ $582V^{(2,1),(1,1)} \oplus 160V^{(2,1),(1,1,1)} \oplus 19V^{(2,1),(1,1,1,1)} \oplus V^{(4),\varnothing} \oplus 500V^{(4),(1)} \oplus 132V^{(4),(1,1)} \oplus$ $10V^{(4),(1,1,1)} \oplus V^{(3,1),\varnothing} \oplus 550V^{(3,1),(1)} \oplus 160V^{(3,1),(1,1)} \oplus 13V^{(3,1),(1,1,1)} \oplus V^{(2,2),\varnothing} \oplus$ $500V^{(2,2),(1)} \oplus 140V^{(2,2),(1,1)} \oplus 12V^{(2,2),(1,1,1)} \oplus V^{(4,1),\varnothing} \oplus 178V^{(4,1),(1)} \oplus 4V^{(4,1),(1,1)} \oplus$ $V^{(3,2),\varnothing} \oplus 204V^{(3,2),(1)} \oplus 5V^{(3,2),(1,1)} \oplus V^{(4,2),\varnothing} \oplus 2V^{(4,2),(1)} \oplus V^{(3,3),\varnothing} \oplus 2V^{(3,3),(1)} \oplus V^{(4,3),\varnothing}$
$k = 6: \quad 720V^{(1),(1)} \oplus 720V^{(1),(1,1)} \oplus 468V^{(1),(1,1,1)} \oplus 260V^{(1),(1,1,1,1)} \oplus$ $150V^{(1),(1,1,1,1,1)} \oplus 76V^{(1),(1,1,1,1,1,1)} \oplus V^{(1),(1,1,1,1,1,1,1)} \oplus 720V^{(2),(1)} \oplus 648V^{(2),(1,1)} \oplus$ $368V^{(2),(1,1,1)} \oplus 186V^{(2),(1,1,1,1)} \oplus 72V^{(2),(1,1,1,1,1)} \oplus 3V^{(2),(1,1,1,1,1,1)} \oplus 720V^{(1,1),(1)} \oplus$ $624V^{(1,1),(1,1)} \oplus 344V^{(1,1),(1,1,1)} \oplus 168V^{(1,1),(1,1,1,1)} \oplus 62V^{(1,1),(1,1,1,1,1)} \oplus 2V^{(1,1),(1,1,1,1,1,1)} \oplus$ $468V^{(3),(1)} \oplus 368V^{(3),(1,1)} \oplus 206V^{(3),(1,1,1)} \oplus 64V^{(3),(1,1,1,1)} \oplus 7V^{(3),(1,1,1,1,1)} \oplus$ $468V^{(2,1),(1)} \oplus 368V^{(2,1),(1,1)} \oplus 206V^{(2,1),(1,1,1)} \oplus 64V^{(2,1),(1,1,1,1)} \oplus 7V^{(2,1),(1,1,1,1,1)} \oplus$ $260V^{(4),(1)} \oplus 168V^{(4),(1,1)} \oplus 52V^{(4),(1,1,1)} \oplus 10V^{(4),(1,1,1,1)} \oplus 260V^{(3,1),(1)} \oplus 186V^{(3,1),(1,1)} \oplus$ $64V^{(3,1),(1,1,1)} \oplus 13V^{(3,1),(1,1,1,1)} \oplus 260V^{(2,2),(1)} \oplus 168V^{(2,2),(1,1)} \oplus 56V^{(2,2),(1,1,1)} \oplus$ $12V^{(2,2),(1,1,1,1)} \oplus 150V^{(4,1),(1)} \oplus 62V^{(4,1),(1,1)} \oplus 4V^{(4,1),(1,1,1)} \oplus 150V^{(3,2),(1)} \oplus 72V^{(3,2),(1,1)} \oplus$ $5V^{(3,2),(1,1,1)} \oplus 76V^{(4,2),(1)} \oplus 2V^{(4,2),(1,1)} \oplus 76V^{(3,3),(1)} \oplus 2V^{(3,3),(1,1)} \oplus V^{(4,3),(1)}$

Table 76: Table for $\lambda = (4, 2, 1)$, $\mu = (7,)$:

$k = 14: \quad 4V^{\varnothing,\varnothing}$
$k = 13: \quad 6603V^{\varnothing,\varnothing} \oplus 571V^{\varnothing,(1)} \oplus 17V^{(1),\varnothing}$
$k = 12:$ $12715V^{\varnothing,\varnothing} \oplus 5784V^{\varnothing,(1)} \oplus 134V^{\varnothing,(2)} \oplus 5006V^{(1),\varnothing} \oplus 1209V^{(1),(1)} \oplus 14V^{(2),\varnothing} \oplus 13V^{(1,1),\varnothing}$
$k = 11: \quad 12973V^{\varnothing,\varnothing} \oplus 10362V^{\varnothing,(1)} \oplus 2090V^{\varnothing,(2)} \oplus 32V^{\varnothing,(3)} \oplus 9165V^{(1),\varnothing} \oplus$ $8856V^{(1),(1)} \oplus 489V^{(1),(2)} \oplus 2054V^{(2),\varnothing} \oplus 227V^{(2),(1)} \oplus 1950V^{(1,1),\varnothing} \oplus 225V^{(1,1),(1)} \oplus$ $9V^{(3),\varnothing} \oplus 11V^{(2,1),\varnothing} \oplus 6V^{(1,1,1),\varnothing}$
$k = 10: \quad 9895V^{\varnothing,\varnothing} \oplus 10862V^{\varnothing,(1)} \oplus 3508V^{\varnothing,(2)} \oplus 818V^{\varnothing,(3)} \oplus 9V^{\varnothing,(4)} \oplus 8248V^{(1),\varnothing} \oplus$ $15346V^{(1),(1)} \oplus 3120V^{(1),(2)} \oplus 129V^{(1),(3)} \oplus 3397V^{(2),\varnothing} \oplus 3152V^{(2),(1)} \oplus 227V^{(2),(2)} \oplus$ $3247V^{(1,1),\varnothing} \oplus 3072V^{(1,1),(1)} \oplus 225V^{(1,1),(2)} \oplus 804V^{(3),\varnothing} \oplus 51V^{(3),(1)} \oplus 1160V^{(2,1),\varnothing} \oplus$ $54V^{(2,1),(1)} \oplus 438V^{(1,1,1),\varnothing} \oplus 42V^{(1,1,1),(1)} \oplus 4V^{(4),\varnothing} \oplus 7V^{(3,1),\varnothing} \oplus 5V^{(2,2),\varnothing} \oplus 5V^{(2,1,1),\varnothing}$
$k = 9: \quad 4440V^{\varnothing,\varnothing} \oplus 8845V^{\varnothing,(1)} \oplus 3160V^{\varnothing,(2)} \oplus 1180V^{\varnothing,(3)} \oplus 344V^{\varnothing,(4)} \oplus 3V^{\varnothing,(5)} \oplus$ $5065V^{(1),\varnothing} \oplus 14644V^{(1),(1)} \oplus 5118V^{(1),(2)} \oplus 1184V^{(1),(3)} \oplus 33V^{(1),(4)} \oplus 2416V^{(2),\varnothing} \oplus$ $5226V^{(2),(1)} \oplus 1172V^{(2),(2)} \oplus 107V^{(2),(3)} \oplus 2336V^{(1,1),\varnothing} \oplus 5118V^{(1,1),(1)} \oplus$ $1140V^{(1,1),(2)} \oplus 105V^{(1,1),(3)} \oplus 1059V^{(3),\varnothing} \oplus 1160V^{(3),(1)} \oplus 51V^{(3),(2)} \oplus 1559V^{(2,1),\varnothing} \oplus$ $1304V^{(2,1),(1)} \oplus 54V^{(2,1),(2)} \oplus 559V^{(1,1,1),\varnothing} \oplus 992V^{(1,1,1),(1)} \oplus 42V^{(1,1,1),(2)} \oplus$ $208V^{(4),\varnothing} \oplus 12V^{(4),(1)} \oplus 538V^{(3,1),\varnothing} \oplus 16V^{(3,1),(1)} \oplus 360V^{(2,2),\varnothing} \oplus 13V^{(2,2),(1)} \oplus$ $360V^{(2,1,1),\varnothing} \oplus 13V^{(2,1,1),(1)} \oplus 3V^{(4,1),\varnothing} \oplus 3V^{(3,2),\varnothing} \oplus 3V^{(3,1,1),\varnothing} \oplus 2V^{(2,2,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 4920V^{\varnothing,(1)} \oplus 2043V^{\varnothing,(2)} \oplus 820V^{\varnothing,(3)} \oplus 360V^{\varnothing,(4)} \oplus 146V^{\varnothing,(5)} \oplus$ $V^{\varnothing,(6)} \oplus 1446V^{(1),\varnothing} \oplus 10580V^{(1),(1)} \oplus 4352V^{(1),(2)} \oplus 1758V^{(1),(3)} \oplus 468V^{(1),(4)} \oplus$ $9V^{(1),(5)} \oplus 941V^{(2),\varnothing} \oplus 4400V^{(2),(1)} \oplus 1766V^{(2),(2)} \oplus 452V^{(2),(3)} \oplus 35V^{(2),(4)} \oplus$ $941V^{(1,1),\varnothing} \oplus 4352V^{(1,1),(1)} \oplus 1730V^{(1,1),(2)} \oplus 436V^{(1,1),(3)} \oplus 33V^{(1,1),(4)} \oplus 524V^{(3),\varnothing} \oplus$ $1758V^{(3),(1)} \oplus 424V^{(3),(2)} \oplus 51V^{(3),(3)} \oplus 784V^{(2,1),\varnothing} \oplus 1944V^{(2,1),(1)} \oplus 480V^{(2,1),(2)} \oplus$ $54V^{(2,1),(3)} \oplus 264V^{(1,1,1),\varnothing} \oplus 1572V^{(1,1,1),(1)} \oplus 356V^{(1,1,1),(2)} \oplus 42V^{(1,1,1),(3)} \oplus$ $153V^{(4),\varnothing} \oplus 396V^{(4),(1)} \oplus 12V^{(4),(2)} \oplus 453V^{(3,1),\varnothing} \oplus 520V^{(3,1),(1)} \oplus 16V^{(3,1),(2)} \oplus$ $303V^{(2,2),\varnothing} \oplus 448V^{(2,2),(1)} \oplus 13V^{(2,2),(2)} \oplus 303V^{(2,1,1),\varnothing} \oplus 448V^{(2,1,1),(1)} \oplus$ $13V^{(2,1,1),(2)} \oplus 154V^{(4,1),\varnothing} \oplus 5V^{(4,1),(1)} \oplus 154V^{(3,2),\varnothing} \oplus 5V^{(3,2),(1)} \oplus 154V^{(3,1,1),\varnothing} \oplus$ $5V^{(3,1,1),(1)} \oplus 78V^{(2,2,1),\varnothing} \oplus 4V^{(2,2,1),(1)} \oplus V^{(4,2),\varnothing} \oplus V^{(4,1,1),\varnothing} \oplus V^{(3,2,1),\varnothing}$
$k = 7: \quad 1225V^{\varnothing,(1)} \oplus 700V^{\varnothing,(2)} \oplus 315V^{\varnothing,(3)} \oplus 140V^{\varnothing,(4)} \oplus 70V^{\varnothing,(5)} \oplus 35V^{\varnothing,(6)} \oplus$ $V^{(1),\varnothing} \oplus 4560V^{(1),(1)} \oplus 2580V^{(1),(2)} \oplus 1200V^{(1),(3)} \oplus 550V^{(1),(4)} \oplus 204V^{(1),(5)} \oplus$ $3V^{(1),(6)} \oplus V^{(2),\varnothing} \oplus 2580V^{(2),(1)} \oplus 1328V^{(2),(2)} \oplus 606V^{(2),(3)} \oplus 176V^{(2),(4)} \oplus$ $11V^{(2),(5)} \oplus V^{(1,1),\varnothing} \oplus 2580V^{(1,1),(1)} \oplus 1316V^{(1,1),(2)} \oplus 594V^{(1,1),(3)} \oplus 168V^{(1,1),(4)} \oplus$ $9V^{(1,1),(5)} \oplus V^{(3),\varnothing} \oplus 1200V^{(3),(1)} \oplus 594V^{(3),(2)} \oplus 174V^{(3),(3)} \oplus 27V^{(3),(4)} \oplus V^{(2,1),\varnothing} \oplus$ $1280V^{(2,1),(1)} \oplus 660V^{(2,1),(2)} \oplus 198V^{(2,1),(3)} \oplus 30V^{(2,1),(4)} \oplus V^{(1,1,1),\varnothing} \oplus 1120V^{(1,1,1),(1)} \oplus$ $528V^{(1,1,1),(2)} \oplus 144V^{(1,1,1),(3)} \oplus 18V^{(1,1,1),(4)} \oplus V^{(4),\varnothing} \oplus 500V^{(4),(1)} \oplus 140V^{(4),(2)} \oplus$ $12V^{(4),(3)} \oplus V^{(3,1),\varnothing} \oplus 600V^{(3,1),(1)} \oplus 188V^{(3,1),(2)} \oplus 16V^{(3,1),(3)} \oplus V^{(2,2),\varnothing} \oplus$ $550V^{(2,2),(1)} \oplus 160V^{(2,2),(2)} \oplus 13V^{(2,2),(3)} \oplus V^{(2,1,1),\varnothing} \oplus 550V^{(2,1,1),(1)} \oplus 160V^{(2,1,1),(2)} \oplus$ $13V^{(2,1,1),(3)} \oplus V^{(4,1),\varnothing} \oplus 204V^{(4,1),(1)} \oplus 5V^{(4,1),(2)} \oplus V^{(3,2),\varnothing} \oplus 204V^{(3,2),(1)} \oplus$ $5V^{(3,2),(2)} \oplus V^{(3,1,1),\varnothing} \oplus 204V^{(3,1,1),(1)} \oplus 5V^{(3,1,1),(2)} \oplus V^{(2,2,1),\varnothing} \oplus 178V^{(2,2,1),(1)} \oplus$ $4V^{(2,2,1),(2)} \oplus V^{(4,2),\varnothing} \oplus 2V^{(4,2),(1)} \oplus V^{(4,1,1),\varnothing} \oplus 2V^{(4,1,1),(1)} \oplus V^{(3,2,1),\varnothing} \oplus 2V^{(3,2,1),(1)}$
$k = 6: \quad 720V^{(1),(1)} \oplus 720V^{(1),(2)} \oplus 468V^{(1),(3)} \oplus 260V^{(1),(4)} \oplus 150V^{(1),(5)} \oplus 76V^{(1),(6)} \oplus$ $V^{(1),(7)} \oplus 720V^{(2),(1)} \oplus 648V^{(2),(2)} \oplus 368V^{(2),(3)} \oplus 186V^{(2),(4)} \oplus 72V^{(2),(5)} \oplus 3V^{(2),(6)} \oplus$ $720V^{(1,1),(1)} \oplus 648V^{(1,1),(2)} \oplus 368V^{(1,1),(3)} \oplus 186V^{(1,1),(4)} \oplus 72V^{(1,1),(5)} \oplus 3V^{(1,1),(6)} \oplus$ $468V^{(3),(1)} \oplus 368V^{(3),(2)} \oplus 210V^{(3),(3)} \oplus 68V^{(3),(4)} \oplus 9V^{(3),(5)} \oplus 468V^{(2,1),(1)} \oplus 392V^{(2,1),(2)} \oplus$ $232V^{(2,1),(3)} \oplus 80V^{(2,1),(4)} \oplus 12V^{(2,1),(5)} \oplus 468V^{(1,1,1),(1)} \oplus 344V^{(1,1,1),(2)} \oplus 188V^{(1,1,1),(3)} \oplus$ $56V^{(1,1,1),(4)} \oplus 6V^{(1,1,1),(5)} \oplus 260V^{(4),(1)} \oplus 168V^{(4),(2)} \oplus 56V^{(4),(3)} \oplus 12V^{(4),(4)} \oplus$

Table 77: Table for $\lambda = (4,2,1)$, $\mu = (6,1)$:

$k = 14: \quad 34V^{\varnothing,\varnothing}$
$k = 13: \quad 8062V^{\varnothing,\varnothing} \oplus 705V^{\varnothing,(1)} \oplus 145V^{(1),\varnothing}$
$k = 12: \quad 15192V^{\varnothing,\varnothing} \oplus 8908V^{\varnothing,(1)} \oplus 166V^{\varnothing,(2)} \oplus 134V^{\varnothing,(1,1)} \oplus 7190V^{(1),\varnothing} \oplus 1697V^{(1),(1)} \oplus 77V^{(2),\varnothing} \oplus 75V^{(1,1),\varnothing}$
$k = 11: \quad 14884V^{\varnothing,\varnothing} \oplus 15474V^{\varnothing,(1)} \oplus 3270V^{\varnothing,(2)} \oplus 2090V^{\varnothing,(1,1)} \oplus 41V^{\varnothing,(3)} \oplus 32V^{\varnothing,(2,1)} \oplus 12420V^{(1),\varnothing} \oplus 11936V^{(1),(1)} \oplus 617V^{(1),(2)} \oplus 489V^{(1),(1,1)} \oplus 3028V^{(2),\varnothing} \oplus 453V^{(2),(1)} \oplus 2820V^{(1,1),\varnothing} \oplus 449V^{(1,1),(1)} \oplus 33V^{(3),\varnothing} \oplus 36V^{(2,1),\varnothing} \oplus 25V^{(1,1,1),\varnothing}$
$k = 10: \quad 10976V^{\varnothing,\varnothing} \oplus 15214V^{\varnothing,(1)} \oplus 5266V^{\varnothing,(2)} \oplus 3508V^{\varnothing,(1,1)} \oplus 1286V^{\varnothing,(3)} \oplus 818V^{\varnothing,(2,1)} \oplus 12V^{\varnothing,(4)} \oplus 9V^{\varnothing,(3,1)} \oplus 10316V^{(1),\varnothing} \oplus 19442V^{(1),(1)} \oplus 4264V^{(1),(2)} \oplus 3120V^{(1),(1,1)} \oplus 161V^{(1),(3)} \oplus 129V^{(1),(2,1)} \oplus 4560V^{(2),\varnothing} \oplus 4328V^{(2),(1)} \oplus 333V^{(2),(2)} \oplus 227V^{(2),(1,1)} \oplus 4260V^{(1,1),\varnothing} \oplus 4168V^{(1,1),(1)} \oplus 329V^{(1,1),(2)} \oplus 225V^{(1,1),(1,1)} \oplus 1130V^{(3),\varnothing} \oplus 101V^{(3),(1)} \oplus 1538V^{(2,1),\varnothing} \oplus 107V^{(2,1),(1)} \oplus 672V^{(1,1,1),\varnothing} \oplus 83V^{(1,1,1),(1)} \oplus 10V^{(4),\varnothing} \oplus 14V^{(3,1),\varnothing} \oplus 11V^{(2,2),\varnothing} \oplus 11V^{(2,1,1),\varnothing}$
$k = 9:$ $4770V^{\varnothing,\varnothing} \oplus 11425V^{\varnothing,(1)} \oplus 4360V^{\varnothing,(2)} \oplus 3160V^{\varnothing,(1,1)} \oplus 1730V^{\varnothing,(3)} \oplus 1180V^{\varnothing,(2,1)} \oplus 548V^{\varnothing,(4)} \oplus 344V^{\varnothing,(3,1)} \oplus 4V^{\varnothing,(5)} \oplus 3V^{\varnothing,(4,1)} \oplus 5880V^{(1),\varnothing} \oplus 17540V^{(1),(1)} \oplus 6486V^{(1),(2)} \oplus 5118V^{(1),(1,1)} \oplus 1608V^{(1),(3)} \oplus 1184V^{(1),(2,1)} \oplus 41V^{(1),(4)} \oplus 33V^{(1),(3,1)} \oplus 2960V^{(2),\varnothing} \oplus 6702V^{(2),(1)} \oplus 1668V^{(2),(2)} \oplus 1172V^{(2),(1,1)} \oplus 141V^{(2),(3)} \oplus 107V^{(2),(2,1)} \oplus 2800V^{(1,1),\varnothing} \oplus 6486V^{(1,1),(1)} \oplus 1604V^{(1,1),(2)} \oplus 1140V^{(1,1),(1,1)} \oplus 137V^{(1,1),(3)} \oplus 105V^{(1,1),(2,1)} \oplus 1308V^{(3),\varnothing} \oplus 1560V^{(3),(1)} \oplus 101V^{(3),(2)} \oplus 51V^{(3),(1,1)} \oplus 1858V^{(2,1),\varnothing} \oplus 1848V^{(2,1),(1)} \oplus 107V^{(2,1),(2)} \oplus 54V^{(2,1),(1,1)} \oplus 758V^{(1,1,1),\varnothing} \oplus 1224V^{(1,1,1),(1)} \oplus 83V^{(1,1,1),(2)} \oplus 42V^{(1,1,1),(1,1)} \oplus 280V^{(4),\varnothing} \oplus 23V^{(4),(1)} \oplus 636V^{(3,1),\varnothing} \oplus 31V^{(3,1),(1)} \oplus 432V^{(2,2),\varnothing} \oplus 25V^{(2,2),(1)} \oplus 432V^{(2,1,1),\varnothing} \oplus 25V^{(2,1,1),(1)} \oplus 4V^{(4,1),\varnothing} \oplus 4V^{(3,2),\varnothing} \oplus 4V^{(3,1,1),\varnothing} \oplus 3V^{(2,2,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 5640V^{\varnothing,(1)} \oplus 2511V^{\varnothing,(2)} \oplus 2043V^{\varnothing,(1,1)} \oplus 1080V^{\varnothing,(3)} \oplus 820V^{\varnothing,(2,1)} \oplus 510V^{\varnothing,(4)} \oplus 360V^{\varnothing,(3,1)} \oplus 222V^{\varnothing,(5)} \oplus 146V^{\varnothing,(4,1)} \oplus V^{\varnothing,(6)} \oplus V^{\varnothing,(5,1)} \oplus 1620V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 5136V^{(1),(2)} \oplus 4352V^{(1),(1,1)} \oplus 2166V^{(1),(3)} \oplus 1758V^{(1),(2,1)} \oplus 632V^{(1),(4)} \oplus 468V^{(1),(3,1)} \oplus 11V^{(1),(5)} \oplus 9V^{(1),(4,1)} \oplus 1056V^{(2),\varnothing} \oplus 5232V^{(2),(1)} \oplus 2282V^{(2),(2)} \oplus 1766V^{(2),(1,1)} \oplus 644V^{(2),(3)} \oplus 452V^{(2),(2,1)} \oplus 45V^{(2),(4)} \oplus 35V^{(2),(3,1)} \oplus 1056V^{(1,1),\varnothing} \oplus 5136V^{(1,1),(1)} \oplus 2210V^{(1,1),(2)} \oplus 1730V^{(1,1),(1,1)} \oplus 612V^{(1,1),(3)} \oplus 436V^{(1,1),(2,1)} \oplus 41V^{(1,1),(4)} \oplus 33V^{(1,1),(3,1)} \oplus 592V^{(3),\varnothing} \oplus 2166V^{(3),(1)} \oplus 588V^{(3),(2)} \oplus 424V^{(3),(1,1)} \oplus 77V^{(3),(3)} \oplus 51V^{(3),(2,1)} \oplus 852V^{(2,1),\varnothing} \oplus 2538V^{(2,1),(1)} \oplus 700V^{(2,1),(2)} \oplus 480V^{(2,1),(1,1)} \oplus 83V^{(2,1),(3)} \oplus 54V^{(2,1),(2,1)} \oplus 332V^{(1,1,1),\varnothing} \oplus 1794V^{(1,1,1),(1)} \oplus 452V^{(1,1,1),(2)} \oplus 356V^{(1,1,1),(1,1)} \oplus 59V^{(1,1,1),(3)} \oplus 42V^{(1,1,1),(2,1)} \oplus 186V^{(4),\varnothing} \oplus 488V^{(4),(1)} \oplus 23V^{(4),(2)} \oplus 12V^{(4),(1,1)} \oplus 486V^{(3,1),\varnothing} \oplus 736V^{(3,1),(1)} \oplus 31V^{(3,1),(2)} \oplus 16V^{(3,1),(1,1)} \oplus 336V^{(2,2),\varnothing} \oplus 592V^{(2,2),(1)} \oplus 25V^{(2,2),(2)} \oplus 13V^{(2,2),(1,1)} \oplus 336V^{(2,1,1),\varnothing} \oplus 592V^{(2,1,1),(1)} \oplus 25V^{(2,1,1),(2)} \oplus 13V^{(2,1,1),(1,1)} \oplus 164V^{(4,1),\varnothing} \oplus 9V^{(4,1),(1)} \oplus 164V^{(3,2),\varnothing} \oplus 9V^{(3,2),(1)} \oplus 164V^{(3,1,1),\varnothing} \oplus 9V^{(3,1,1),(1)} \oplus 88V^{(2,2,1),\varnothing} \oplus 7V^{(2,2,1),(1)} \oplus V^{(4,2),\varnothing} \oplus V^{(4,1,1),\varnothing} \oplus V^{(3,2,1),\varnothing}$
$k = 7: \quad 1225V^{\varnothing,(1)} \oplus 700V^{\varnothing,(2)} \oplus 700V^{\varnothing,(1,1)} \oplus 315V^{\varnothing,(3)} \oplus 315V^{\varnothing,(2,1)} \oplus 140V^{\varnothing,(4)} \oplus 140V^{\varnothing,(3,1)} \oplus 70V^{\varnothing,(5)} \oplus 70V^{\varnothing,(4,1)} \oplus 35V^{\varnothing,(6)} \oplus 35V^{\varnothing,(5,1)} \oplus 36V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2580V^{(1),(1,1)} \oplus 1360V^{(1),(3)} \oplus 1200V^{(1),(2,1)} \oplus 650V^{(1),(4)} \oplus 550V^{(1),(3,1)} \oplus 256V^{(1),(5)} \oplus 204V^{(1),(4,1)} \oplus 3V^{(1),(6)} \oplus 3V^{(1),(5,1)} \oplus 30V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1568V^{(2),(2)} \oplus 1328V^{(2),(1,1)} \oplus 762V^{(2),(3)} \oplus 606V^{(2),(2,1)} \oplus 248V^{(2),(4)} \oplus 176V^{(2),(3,1)} \oplus 13V^{(2),(5)} \oplus 11V^{(2),(4,1)} \oplus 30V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1544V^{(1,1),(2)} \oplus 1316V^{(1,1),(1,1)} \oplus 738V^{(1,1),(3)} \oplus 594V^{(1,1),(2,1)} \oplus 232V^{(1,1),(4)} \oplus 168V^{(1,1),(3,1)} \oplus 11V^{(1,1),(5)} \oplus 9V^{(1,1),(4,1)} \oplus 24V^{(3),\varnothing} \oplus 1360V^{(3),(1)} \oplus 738V^{(3),(2)} \oplus 594V^{(3),(1,1)} \oplus 248V^{(3),(3)} \oplus 174V^{(3),(2,1)} \oplus 35V^{(3),(4)} \oplus 27V^{(3),(3,1)} \oplus 24V^{(2,1),\varnothing} \oplus 1520V^{(2,1),(1)} \oplus 870V^{(2,1),(2)} \oplus 660V^{(2,1),(1,1)} \oplus 296V^{(2,1),(3)} \oplus 198V^{(2,1),(2,1)} \oplus 41V^{(2,1),(4)} \oplus 30V^{(2,1),(3,1)} \oplus 24V^{(1,1,1),\varnothing} \oplus$

Table 78: Table for $\lambda = (4,2,1)$, $\mu = (5,2)$:

$k = 14: \quad 144V^{\varnothing,\varnothing}$
$k = 13: \quad 8587V^{\varnothing,\varnothing} \oplus 734V^{\varnothing,(1)} \oplus 316V^{(1),\varnothing}$
$k = 12: \quad 15874V^{\varnothing,\varnothing} \oplus 9332V^{\varnothing,(1)} \oplus 174V^{\varnothing,(2)} \oplus 165V^{\varnothing,(1,1)} \oplus 8076V^{(1),\varnothing} \oplus 1817V^{(1),(1)} \oplus 114V^{(2),\varnothing} \oplus 112V^{(1,1),\varnothing}$
$k = 11: \quad 15468V^{\varnothing,\varnothing} \oplus 15936V^{\varnothing,(1)} \oplus 3598V^{\varnothing,(2)} \oplus 2510V^{\varnothing,(1,1)} \oplus 43V^{\varnothing,(3)} \oplus 41V^{\varnothing,(2,1)} \oplus 13716V^{(1),\varnothing} \oplus 12704V^{(1),(1)} \oplus 647V^{(1),(2)} \oplus 615V^{(1),(1,1)} \oplus 3284V^{(2),\varnothing} \oplus 549V^{(2),(1)} \oplus 3076V^{(1,1),\varnothing} \oplus 545V^{(1,1),(1)} \oplus 37V^{(3),\varnothing} \oplus 40V^{(2,1),\varnothing} \oplus 29V^{(1,1,1),\varnothing}$
$k = 10: \quad 12026V^{\varnothing,\varnothing} \oplus 15358V^{\varnothing,(1)} \oplus 5674V^{\varnothing,(2)} \oplus 3916V^{\varnothing,(1,1)} \oplus 1390V^{\varnothing,(3)} \oplus 1286V^{\varnothing,(2,1)} \oplus 12V^{\varnothing,(4)} \oplus 12V^{\varnothing,(3,1)} \oplus 9V^{\varnothing,(2,2)} \oplus 11356V^{(1),\varnothing} \oplus 20066V^{(1),(1)} \oplus 4696V^{(1),(2)} \oplus 3744V^{(1),(1,1)} \oplus 167V^{(1),(3)} \oplus 161V^{(1),(2,1)} \oplus 4960V^{(2),\varnothing} \oplus 4664V^{(2),(1)} \oplus 365V^{(2),(2)} \oplus 331V^{(2),(1,1)} \oplus 4660V^{(1,1),\varnothing} \oplus 4504V^{(1,1),(1)} \oplus 359V^{(1,1),(2)} \oplus 327V^{(1,1),(1,1)} \oplus 1210V^{(3),\varnothing} \oplus 143V^{(3),(1)} \oplus 1618V^{(2,1),\varnothing} \oplus 149V^{(2,1),(1)} \oplus 752V^{(1,1,1),\varnothing} \oplus 119V^{(1,1,1),(1)} \oplus 10V^{(4),\varnothing} \oplus 14V^{(3,1),\varnothing} \oplus 11V^{(2,2),\varnothing} \oplus 11V^{(2,1,1),\varnothing}$
$k = 9: \quad 5540V^{\varnothing,\varnothing} \oplus 11425V^{\varnothing,(1)} \oplus 4520V^{\varnothing,(2)} \oplus 3320V^{\varnothing,(1,1)} \oplus 1830V^{\varnothing,(3)} \oplus 1730V^{\varnothing,(2,1)} \oplus 548V^{\varnothing,(4)} \oplus 548V^{\varnothing,(3,1)} \oplus 344V^{\varnothing,(2,2)} \oplus 3V^{\varnothing,(5)} \oplus 4V^{\varnothing,(4,1)} \oplus 3V^{\varnothing,(3,2)} \oplus 7136V^{(1),\varnothing} \oplus 17684V^{(1),(1)} \oplus 6954V^{(1),(2)} \oplus 5586V^{(1),(1,1)} \oplus 1728V^{(1),(3)} \oplus 1608V^{(1),(2,1)} \oplus 41V^{(1),(4)} \oplus 41V^{(1),(3,1)} \oplus 33V^{(1),(2,2)} \oplus 3280V^{(2),\varnothing} \oplus 6846V^{(2),(1)} \oplus 1892V^{(2),(2)} \oplus 1468V^{(2),(1,1)} \oplus 149V^{(2),(3)} \oplus 141V^{(2),(2,1)} \oplus 3120V^{(1,1),\varnothing} \oplus 6630V^{(1,1),(1)} \oplus 1796V^{(1,1),(2)} \oplus 1404V^{(1,1),(1,1)} \oplus 143V^{(1,1),(3)} \oplus 137V^{(1,1),(2,1)} \oplus 1452V^{(3),\varnothing} \oplus 1632V^{(3),(1)} \oplus 125V^{(3),(2)} \oplus 99V^{(3),(1,1)} \oplus 2002V^{(2,1),\varnothing} \oplus 1920V^{(2,1),(1)} \oplus 133V^{(2,1),(2)} \oplus 104V^{(2,1),(1,1)} \oplus 902V^{(1,1,1),\varnothing} \oplus 1272V^{(1,1,1),(1)} \oplus 99V^{(1,1,1),(2)} \oplus 82V^{(1,1,1),(1,1)} \oplus 312V^{(4),\varnothing} \oplus 29V^{(4),(1)} \oplus 668V^{(3,1),\varnothing} \oplus 37V^{(3,1),(1)} \oplus 464V^{(2,2),\varnothing} \oplus 31V^{(2,2),(1)} \oplus 464V^{(2,1,1),\varnothing} \oplus 31V^{(2,1,1),(1)} \oplus 4V^{(4,1),\varnothing} \oplus 4V^{(3,2),\varnothing} \oplus 4V^{(3,1,1),\varnothing} \oplus 3V^{(2,2,1),\varnothing}$
$k = 8: \quad 1210V^{\varnothing,\varnothing} \oplus 5640V^{\varnothing,(1)} \oplus 2511V^{\varnothing,(2)} \oplus 2043V^{\varnothing,(1,1)} \oplus 1080V^{\varnothing,(3)} \oplus 1080V^{\varnothing,(2,1)} \oplus 510V^{\varnothing,(4)} \oplus 510V^{\varnothing,(3,1)} \oplus 360V^{\varnothing,(2,2)} \oplus 146V^{\varnothing,(5)} \oplus 222V^{\varnothing,(4,1)} \oplus 146V^{\varnothing,(3,2)} \oplus V^{\varnothing,(5,1)} \oplus V^{\varnothing,(4,2)} \oplus 2280V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 5280V^{(1),(2)} \oplus 4496V^{(1),(1,1)} \oplus 2274V^{(1),(3)} \oplus 2166V^{(1),(2,1)} \oplus 632V^{(1),(4)} \oplus 632V^{(1),(3,1)} \oplus 468V^{(1),(2,2)} \oplus 9V^{(1),(5)} \oplus 11V^{(1),(4,1)} \oplus 9V^{(1),(3,2)} \oplus 1356V^{(2),\varnothing} \oplus 5232V^{(2),(1)} \oplus 2474V^{(2),(2)} \oplus 1958V^{(2),(1,1)} \oplus 708V^{(2),(3)} \oplus 644V^{(2),(2,1)} \oplus 45V^{(2),(4)} \oplus 45V^{(2),(3,1)} \oplus 35V^{(2),(2,2)} \oplus 1356V^{(1,1),\varnothing} \oplus 5136V^{(1,1),(1)} \oplus 2366V^{(1,1),(2)} \oplus 1886V^{(1,1),(1,1)} \oplus 660V^{(1,1),(3)} \oplus 612V^{(1,1),(2,1)} \oplus 41V^{(1,1),(4)} \oplus 41V^{(1,1),(3,1)} \oplus 33V^{(1,1),(2,2)} \oplus 688V^{(3),\varnothing} \oplus 2166V^{(3),(1)} \oplus 672V^{(3),(2)} \oplus 508V^{(3),(1,1)} \oplus 83V^{(3),(3)} \oplus 77V^{(3),(2,1)} \oplus 948V^{(2,1),\varnothing} \oplus 2538V^{(2,1),(1)} \oplus 800V^{(2,1),(2)} \oplus 580V^{(2,1),(1,1)} \oplus 91V^{(2,1),(3)} \oplus 83V^{(2,1),(2,1)} \oplus 428V^{(1,1,1),\varnothing} \oplus 1794V^{(1,1,1),(1)} \oplus 508V^{(1,1,1),(2)} \oplus 412V^{(1,1,1),(1,1)} \oplus 63V^{(1,1,1),(3)} \oplus 59V^{(1,1,1),(2,1)} \oplus 234V^{(4),\varnothing} \oplus 488V^{(4),(1)} \oplus 33V^{(4),(2)} \oplus 22V^{(4),(1,1)} \oplus 534V^{(3,1),\varnothing} \oplus 736V^{(3,1),(1)} \oplus 43V^{(3,1),(2)} \oplus 28V^{(3,1),(1,1)} \oplus 384V^{(2,2),\varnothing} \oplus 592V^{(2,2),(1)} \oplus 35V^{(2,2),(2)} \oplus 23V^{(2,2),(1,1)} \oplus 384V^{(2,1,1),\varnothing} \oplus 592V^{(2,1,1),(1)} \oplus 35V^{(2,1,1),(2)} \oplus 23V^{(2,1,1),(1,1)} \oplus 180V^{(4,1),\varnothing} \oplus 9V^{(4,1),(1)} \oplus 180V^{(3,2),\varnothing} \oplus 9V^{(3,2),(1)} \oplus 180V^{(3,1,1),\varnothing} \oplus 9V^{(3,1,1),(1)} \oplus 104V^{(2,2,1),\varnothing} \oplus 7V^{(2,2,1),(1)} \oplus V^{(4,2),\varnothing} \oplus V^{(4,1,1),\varnothing} \oplus V^{(3,2,1),\varnothing}$
$k = 7: \quad 1225V^{\varnothing,(1)} \oplus 700V^{\varnothing,(2)} \oplus 700V^{\varnothing,(1,1)} \oplus 315V^{\varnothing,(3)} \oplus 315V^{\varnothing,(2,1)} \oplus 140V^{\varnothing,(4)} \oplus 140V^{\varnothing,(3,1)} \oplus 140V^{\varnothing,(2,2)} \oplus 70V^{\varnothing,(5)} \oplus 70V^{\varnothing,(4,1)} \oplus 70V^{\varnothing,(3,2)} \oplus 35V^{\varnothing,(5,1)} \oplus 35V^{\varnothing,(4,2)} \oplus 196V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2580V^{(1),(1,1)} \oplus 1360V^{(1),(3)} \oplus 1360V^{(1),(2,1)} \oplus 650V^{(1),(4)} \oplus 650V^{(1),(3,1)} \oplus 550V^{(1),(2,2)} \oplus 204V^{(1),(5)} \oplus 256V^{(1),(4,1)} \oplus 204V^{(1),(3,2)} \oplus 3V^{(1),(5,1)} \oplus 3V^{(1),(4,2)} \oplus 140V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1616V^{(2),(2)} \oplus 1376V^{(2),(1,1)} \oplus 810V^{(2),(3)} \oplus 762V^{(2),(2,1)} \oplus 248V^{(2),(4)} \oplus 248V^{(2),(3,1)} \oplus 176V^{(2),(2,2)} \oplus 11V^{(2),(5)} \oplus 13V^{(2),(4,1)} \oplus 11V^{(2),(3,2)} \oplus 140V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1580V^{(1,1),(2)} \oplus 1352V^{(1,1),(1,1)} \oplus 774V^{(1,1),(3)} \oplus 738V^{(1,1),(2,1)} \oplus 232V^{(1,1),(4)} \oplus 232V^{(1,1),(3,1)} \oplus 168V^{(1,1),(2,2)} \oplus 9V^{(1,1),(5)} \oplus 11V^{(1,1),(4,1)} \oplus 9V^{(1,1),(3,2)} \oplus 84V^{(3),\varnothing} \oplus 1360V^{(3),(1)} \oplus 774V^{(3),(2)} \oplus 630V^{(3),(1,1)} \oplus$

Table 79: Table for $\lambda = (4,2,1)$, $\mu = (5,1,1)$:

$k = 14: \quad 180V^{\varnothing,\varnothing}$
$k = 13: \quad 8865V^{\varnothing,\varnothing} \oplus 736V^{\varnothing,(1)} \oplus 392V^{(1),\varnothing}$
$k = 12: \quad 16218V^{\varnothing,\varnothing} \oplus 9852V^{\varnothing,(1)} \oplus 174V^{\varnothing,(2)} \oplus 166V^{\varnothing,(1,1)} \oplus 8538V^{(1),\varnothing} \oplus 1823V^{(1),(1)} \oplus 144V^{(2),\varnothing} \oplus 142V^{(1,1),\varnothing}$
$k = 11: \quad 16189V^{\varnothing,\varnothing} \oplus 16836V^{\varnothing,(1)} \oplus 3598V^{\varnothing,(2)} \oplus 3270V^{\varnothing,(1,1)} \oplus 43V^{\varnothing,(3)} \oplus 41V^{\varnothing,(2,1)} \oplus 32V^{\varnothing,(1,1,1)} \oplus 14202V^{(1),\varnothing} \oplus 13304V^{(1),(1)} \oplus 647V^{(1),(2)} \oplus 617V^{(1),(1,1)} \oplus 3450V^{(2),\varnothing} \oplus 557V^{(2),(1)} \oplus 3242V^{(1,1),\varnothing} \oplus 551V^{(1,1),(1)} \oplus 45V^{(3),\varnothing} \oplus 48V^{(2,1),\varnothing} \oplus 36V^{(1,1,1),\varnothing}$
$k = 10: \quad 12155V^{\varnothing,\varnothing} \oplus 15998V^{\varnothing,(1)} \oplus 5674V^{\varnothing,(2)} \oplus 5266V^{\varnothing,(1,1)} \oplus 1390V^{\varnothing,(3)} \oplus 1286V^{\varnothing,(2,1)} \oplus 818V^{\varnothing,(1,1,1)} \oplus 12V^{\varnothing,(4)} \oplus 12V^{\varnothing,(3,1)} \oplus 9V^{\varnothing,(2,1,1)} \oplus 12422V^{(1),\varnothing} \oplus 21038V^{(1),(1)} \oplus 4696V^{(1),(2)} \oplus 4264V^{(1),(1,1)} \oplus 167V^{(1),(3)} \oplus 161V^{(1),(2,1)} \oplus 129V^{(1),(1,1,1)} \oplus 5082V^{(2),\varnothing} \oplus 4984V^{(2),(1)} \oplus 365V^{(2),(2)} \oplus 333V^{(2),(1,1)} \oplus 4782V^{(1,1),\varnothing} \oplus 4744V^{(1,1),(1)} \oplus 359V^{(1,1),(2)} \oplus 329V^{(1,1),(1,1)} \oplus 1250V^{(3),\varnothing} \oplus 149V^{(3),(1)} \oplus 1658V^{(2,1),\varnothing} \oplus 157V^{(2,1),(1)} \oplus 782V^{(1,1,1),\varnothing} \oplus 123V^{(1,1,1),(1)} \oplus 11V^{(4),\varnothing} \oplus 15V^{(3,1),\varnothing} \oplus 12V^{(2,2),\varnothing} \oplus 12V^{(2,1,1),\varnothing}$
$k = 9: \quad 5610V^{\varnothing,\varnothing} \oplus 11665V^{\varnothing,(1)} \oplus 4520V^{\varnothing,(2)} \oplus 4360V^{\varnothing,(1,1)} \oplus 1830V^{\varnothing,(3)} \oplus 1730V^{\varnothing,(2,1)} \oplus 1180V^{\varnothing,(1,1,1)} \oplus 548V^{\varnothing,(4)} \oplus 548V^{\varnothing,(3,1)} \oplus 344V^{\varnothing,(2,1,1)} \oplus 3V^{\varnothing,(5)} \oplus 4V^{\varnothing,(4,1)} \oplus 3V^{\varnothing,(3,1,1)} \oplus 7425V^{(1),\varnothing} \oplus 18260V^{(1),(1)} \oplus 6954V^{(1),(2)} \oplus 6486V^{(1),(1,1)} \oplus 1728V^{(1),(3)} \oplus 1608V^{(1),(2,1)} \oplus 1184V^{(1),(1,1,1)} \oplus 41V^{(1),(4)} \oplus 41V^{(1),(3,1)} \oplus 33V^{(1),(2,1,1)} \oplus 3560V^{(2),\varnothing} \oplus 7278V^{(2),(1)} \oplus 1892V^{(2),(2)} \oplus 1668V^{(2),(1,1)} \oplus 149V^{(2),(3)} \oplus 141V^{(2),(2,1)} \oplus 107V^{(2),(1,1,1)} \oplus 3400V^{(1,1),\varnothing} \oplus 6954V^{(1,1),(1)} \oplus 1796V^{(1,1),(2)} \oplus 1604V^{(1,1),(1,1)} \oplus 143V^{(1,1),(3)} \oplus 137V^{(1,1),(2,1)} \oplus 105V^{(1,1),(1,1,1)} \oplus 1470V^{(3),\varnothing} \oplus 1752V^{(3),(1)} \oplus 125V^{(3),(2)} \oplus 101V^{(3),(1,1)} \oplus 2020V^{(2,1),\varnothing} \oplus 2080V^{(2,1),(1)} \oplus 133V^{(2,1),(2)} \oplus 107V^{(2,1),(1,1)} \oplus 920V^{(1,1,1),\varnothing} \oplus 1352V^{(1,1,1),(1)} \oplus 99V^{(1,1,1),(2)} \oplus 83V^{(1,1,1),(1,1)} \oplus 316V^{(4),\varnothing} \oplus 33V^{(4),(1)} \oplus 672V^{(3,1),\varnothing} \oplus 43V^{(3,1),(1)} \oplus 468V^{(2,2),\varnothing} \oplus 35V^{(2,2),(1)} \oplus 468V^{(2,1,1),\varnothing} \oplus 35V^{(2,1,1),(1)} \oplus 4V^{(4,1),\varnothing} \oplus 4V^{(3,2),\varnothing} \oplus 4V^{(3,1,1),\varnothing} \oplus 3V^{(2,2,1),\varnothing}$
$k = 8: \quad 1245V^{\varnothing,\varnothing} \oplus 5640V^{\varnothing,(1)} \oplus 2511V^{\varnothing,(2)} \oplus 2511V^{\varnothing,(1,1)} \oplus 1080V^{\varnothing,(3)} \oplus 1080V^{\varnothing,(2,1)} \oplus 820V^{\varnothing,(1,1,1)} \oplus 510V^{\varnothing,(4)} \oplus 510V^{\varnothing,(3,1)} \oplus 360V^{\varnothing,(2,1,1)} \oplus 146V^{\varnothing,(5)} \oplus 222V^{\varnothing,(4,1)} \oplus 146V^{\varnothing,(3,1,1)} \oplus V^{\varnothing,(5,1)} \oplus V^{\varnothing,(4,1,1)} \oplus 2430V^{(1),\varnothing} \oplus 12068V^{(1),(1)} \oplus 5280V^{(1),(2)} \oplus 5136V^{(1),(1,1)} \oplus 2274V^{(1),(3)} \oplus 2166V^{(1),(2,1)} \oplus 1758V^{(1),(1,1,1)} \oplus 632V^{(1),(4)} \oplus 632V^{(1),(3,1)} \oplus 468V^{(1),(2,1,1)} \oplus 9V^{(1),(5)} \oplus 11V^{(1),(4,1)} \oplus 9V^{(1),(3,1,1)} \oplus 1461V^{(2),\varnothing} \oplus 5424V^{(2),(1)} \oplus 2474V^{(2),(2)} \oplus 2282V^{(2),(1,1)} \oplus 708V^{(2),(3)} \oplus 644V^{(2),(2,1)} \oplus 452V^{(2),(1,1,1)} \oplus 45V^{(2),(4)} \oplus 45V^{(2),(3,1)} \oplus 35V^{(2),(2,1,1)} \oplus 1461V^{(1,1),\varnothing} \oplus 5280V^{(1,1),(1)} \oplus 2366V^{(1,1),(2)} \oplus 2210V^{(1,1),(1,1)} \oplus 660V^{(1,1),(3)} \oplus 612V^{(1,1),(2,1)} \oplus 436V^{(1,1),(1,1,1)} \oplus 41V^{(1,1),(4)} \oplus 41V^{(1,1),(3,1)} \oplus 33V^{(1,1),(2,1,1)} \oplus 760V^{(3),\varnothing} \oplus 2274V^{(3),(1)} \oplus 672V^{(3),(2)} \oplus 588V^{(3),(1,1)} \oplus 83V^{(3),(3)} \oplus 77V^{(3),(2,1)} \oplus 51V^{(3),(1,1,1)} \oplus 1020V^{(2,1),\varnothing} \oplus 2682V^{(2,1),(1)} \oplus 800V^{(2,1),(2)} \oplus 700V^{(2,1),(1,1)} \oplus 91V^{(2,1),(3)} \oplus 83V^{(2,1),(2,1)} \oplus 54V^{(2,1),(1,1,1)} \oplus 500V^{(1,1,1),\varnothing} \oplus 1866V^{(1,1,1),(1)} \oplus 508V^{(1,1,1),(2)} \oplus 452V^{(1,1,1),(1,1)} \oplus 63V^{(1,1,1),(3)} \oplus 59V^{(1,1,1),(2,1)} \oplus 42V^{(1,1,1),(1,1,1)} \oplus 240V^{(4),\varnothing} \oplus 528V^{(4),(1)} \oplus 33V^{(4),(2)} \oplus 23V^{(4),(1,1)} \oplus 540V^{(3,1),\varnothing} \oplus 796V^{(3,1),(1)} \oplus 43V^{(3,1),(2)} \oplus 31V^{(3,1),(1,1)} \oplus 390V^{(2,2),\varnothing} \oplus 632V^{(2,2),(1)} \oplus 35V^{(2,2),(2)} \oplus 25V^{(2,2),(1,1)} \oplus 390V^{(2,1,1),\varnothing} \oplus 632V^{(2,1,1),(1)} \oplus 35V^{(2,1,1),(2)} \oplus 25V^{(2,1,1),(1,1)} \oplus 182V^{(4,1),\varnothing} \oplus 11V^{(4,1),(1)} \oplus 182V^{(3,2),\varnothing} \oplus 11V^{(3,2),(1)} \oplus 182V^{(3,1,1),\varnothing} \oplus 11V^{(3,1,1),(1)} \oplus 106V^{(2,2,1),\varnothing} \oplus 9V^{(2,2,1),(1)} \oplus V^{(4,2),\varnothing} \oplus V^{(4,1,1),\varnothing} \oplus V^{(3,2,1),\varnothing}$
$k = 7: \quad 1225V^{\varnothing,(1)} \oplus 700V^{\varnothing,(2)} \oplus 700V^{\varnothing,(1,1)} \oplus 315V^{\varnothing,(3)} \oplus 315V^{\varnothing,(2,1)} \oplus 315V^{\varnothing,(1,1,1)} \oplus 140V^{\varnothing,(4)} \oplus 140V^{\varnothing,(3,1)} \oplus 140V^{\varnothing,(2,1,1)} \oplus 70V^{\varnothing,(5)} \oplus 70V^{\varnothing,(4,1)} \oplus 70V^{\varnothing,(3,1,1)} \oplus 35V^{\varnothing,(5,1)} \oplus 35V^{\varnothing,(4,1,1)} \oplus 225V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1360V^{(1),(3)} \oplus 1360V^{(1),(2,1)} \oplus 1200V^{(1),(1,1,1)} \oplus 650V^{(1),(4)} \oplus 650V^{(1),(3,1)} \oplus 550V^{(1),(2,1,1)} \oplus 204V^{(1),(5)} \oplus 256V^{(1),(4,1)} \oplus 204V^{(1),(3,1,1)} \oplus 3V^{(1),(5,1)} \oplus 3V^{(1),(4,1,1)} \oplus 165V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1616V^{(2),(2)} \oplus 1568V^{(2),(1,1)} \oplus 810V^{(2),(3)} \oplus 762V^{(2),(2,1)} \oplus 606V^{(2),(1,1,1)} \oplus 248V^{(2),(4)} \oplus$

Table 80: Table for $\lambda = (4,2,1)$, $\mu = (4,3)$:

$k = 14: \quad 144V^{\varnothing,\varnothing}$
$k = 13: \quad 8587V^{\varnothing,\varnothing} \oplus 711V^{\varnothing,(1)} \oplus 313V^{(1),\varnothing}$
$k = 12: \quad 15874V^{\varnothing,\varnothing} \oplus 9148V^{\varnothing,(1)} \oplus 168V^{\varnothing,(2)} \oplus 165V^{\varnothing,(1,1)} \oplus 8070V^{(1),\varnothing} \oplus 1721V^{(1),(1)} \oplus 113V^{(2),\varnothing} \oplus 111V^{(1,1),\varnothing}$
$k = 11: \quad 15468V^{\varnothing,\varnothing} \oplus 15798V^{\varnothing,(1)} \oplus 3478V^{\varnothing,(2)} \oplus 2510V^{\varnothing,(1,1)} \oplus 41V^{\varnothing,(3)} \oplus 41V^{\varnothing,(2,1)} \oplus 13716V^{(1),\varnothing} \oplus 12320V^{(1),(1)} \oplus 623V^{(1),(2)} \oplus 615V^{(1),(1,1)} \oplus 3284V^{(2),\varnothing} \oplus 477V^{(2),(1)} \oplus 3076V^{(1,1),\varnothing} \oplus 473V^{(1,1),(1)} \oplus 37V^{(3),\varnothing} \oplus 40V^{(2,1),\varnothing} \oplus 29V^{(1,1,1),\varnothing}$
$k = 10: \quad 12026V^{\varnothing,\varnothing} \oplus 15358V^{\varnothing,(1)} \oplus 5566V^{\varnothing,(2)} \oplus 3916V^{\varnothing,(1,1)} \oplus 1286V^{\varnothing,(3)} \oplus 1286V^{\varnothing,(2,1)} \oplus 9V^{\varnothing,(4)} \oplus 12V^{\varnothing,(3,1)} \oplus 11V^{\varnothing,(2,2)} \oplus 11356V^{(1),\varnothing} \oplus 19874V^{(1),(1)} \oplus 4504V^{(1),(2)} \oplus 3744V^{(1),(1,1)} \oplus 161V^{(1),(3)} \oplus 161V^{(1),(2,1)} \oplus 4960V^{(2),\varnothing} \oplus 4520V^{(2),(1)} \oplus 341V^{(2),(2)} \oplus 331V^{(2),(1,1)} \oplus 4660V^{(1,1),\varnothing} \oplus 4360V^{(1,1),(1)} \oplus 335V^{(1,1),(2)} \oplus 327V^{(1,1),(1,1)} \oplus 1210V^{(3),\varnothing} \oplus 119V^{(3),(1)} \oplus 1618V^{(2,1),\varnothing} \oplus 125V^{(2,1),(1)} \oplus 752V^{(1,1,1),\varnothing} \oplus 95V^{(1,1,1),(1)} \oplus 10V^{(4),\varnothing} \oplus 14V^{(3,1),\varnothing} \oplus 11V^{(2,2),\varnothing} \oplus 11V^{(2,1,1),\varnothing}$
$k = 9: \quad 5540V^{\varnothing,\varnothing} \oplus 11425V^{\varnothing,(1)} \oplus 4520V^{\varnothing,(2)} \oplus 3320V^{\varnothing,(1,1)} \oplus 1730V^{\varnothing,(3)} \oplus 1730V^{\varnothing,(2,1)} \oplus 344V^{\varnothing,(4)} \oplus 548V^{\varnothing,(3,1)} \oplus 396V^{\varnothing,(2,2)} \oplus 3V^{\varnothing,(4,1)} \oplus 4V^{\varnothing,(3,2)} \oplus 7136V^{(1),\varnothing} \oplus 17684V^{(1),(1)} \oplus 6810V^{(1),(2)} \oplus 5586V^{(1),(1,1)} \oplus 1608V^{(1),(3)} \oplus 1608V^{(1),(2,1)} \oplus 33V^{(1),(4)} \oplus 41V^{(1),(3,1)} \oplus 39V^{(1),(2,2)} \oplus 3280V^{(2),\varnothing} \oplus 6846V^{(2),(1)} \oplus 1796V^{(2),(2)} \oplus 1468V^{(2),(1,1)} \oplus 141V^{(2),(3)} \oplus 141V^{(2),(2,1)} \oplus 3120V^{(1,1),\varnothing} \oplus 6630V^{(1,1),(1)} \oplus 1700V^{(1,1),(2)} \oplus 1404V^{(1,1),(1,1)} \oplus 137V^{(1,1),(3)} \oplus 137V^{(1,1),(2,1)} \oplus 1452V^{(3),\varnothing} \oplus 1632V^{(3),(1)} \oplus 107V^{(3),(2)} \oplus 99V^{(3),(1,1)} \oplus 2002V^{(2,1),\varnothing} \oplus 1920V^{(2,1),(1)} \oplus 115V^{(2,1),(2)} \oplus 104V^{(2,1),(1,1)} \oplus 902V^{(1,1,1),\varnothing} \oplus 1272V^{(1,1,1),(1)} \oplus 87V^{(1,1,1),(2)} \oplus 82V^{(1,1,1),(1,1)} \oplus 312V^{(4),\varnothing} \oplus 29V^{(4),(1)} \oplus 668V^{(3,1),\varnothing} \oplus 37V^{(3,1),(1)} \oplus 464V^{(2,2),\varnothing} \oplus 31V^{(2,2),(1)} \oplus 464V^{(2,1,1),\varnothing} \oplus 31V^{(2,1,1),(1)} \oplus 4V^{(4,1),\varnothing} \oplus 4V^{(3,2),\varnothing} \oplus 4V^{(3,1,1),\varnothing} \oplus 3V^{(2,2,1),\varnothing}$
$k = 8: \quad 1210V^{\varnothing,\varnothing} \oplus 5640V^{\varnothing,(1)} \oplus 2511V^{\varnothing,(2)} \oplus 2043V^{\varnothing,(1,1)} \oplus 1080V^{\varnothing,(3)} \oplus 1080V^{\varnothing,(2,1)} \oplus 360V^{\varnothing,(4)} \oplus 510V^{\varnothing,(3,1)} \oplus 360V^{\varnothing,(2,2)} \oplus 146V^{\varnothing,(4,1)} \oplus 222V^{\varnothing,(3,2)} \oplus V^{\varnothing,(4,2)} \oplus V^{\varnothing,(3,3)} \oplus 2196V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 5280V^{(1),(2)} \oplus 4496V^{(1),(1,1)} \oplus 2166V^{(1),(3)} \oplus 2166V^{(1),(2,1)} \oplus 468V^{(1),(4)} \oplus 632V^{(1),(3,1)} \oplus 528V^{(1),(2,2)} \oplus 9V^{(1),(4,1)} \oplus 11V^{(1),(3,2)} \oplus 1356V^{(2),\varnothing} \oplus 5232V^{(2),(1)} \oplus 2426V^{(2),(2)} \oplus 1958V^{(2),(1,1)} \oplus 644V^{(2),(3)} \oplus 644V^{(2),(2,1)} \oplus 35V^{(2),(4)} \oplus 45V^{(2),(3,1)} \oplus 43V^{(2),(2,2)} \oplus 1356V^{(1,1),\varnothing} \oplus 5136V^{(1,1),(1)} \oplus 2318V^{(1,1),(2)} \oplus 1886V^{(1,1),(1,1)} \oplus 612V^{(1,1),(3)} \oplus 612V^{(1,1),(2,1)} \oplus 33V^{(1,1),(4)} \oplus 41V^{(1,1),(3,1)} \oplus 39V^{(1,1),(2,2)} \oplus 688V^{(3),\varnothing} \oplus 2166V^{(3),(1)} \oplus 636V^{(3),(2)} \oplus 508V^{(3),(1,1)} \oplus 77V^{(3),(3)} \oplus 77V^{(3),(2,1)} \oplus 948V^{(2,1),\varnothing} \oplus 2538V^{(2,1),(1)} \oplus 764V^{(2,1),(2)} \oplus 580V^{(2,1),(1,1)} \oplus 83V^{(2,1),(3)} \oplus 83V^{(2,1),(2,1)} \oplus 428V^{(1,1,1),\varnothing} \oplus 1794V^{(1,1,1),(1)} \oplus 484V^{(1,1,1),(2)} \oplus 412V^{(1,1,1),(1,1)} \oplus 59V^{(1,1,1),(3)} \oplus 59V^{(1,1,1),(2,1)} \oplus 234V^{(4),\varnothing} \oplus 488V^{(4),(1)} \oplus 27V^{(4),(2)} \oplus 22V^{(4),(1,1)} \oplus 534V^{(3,1),\varnothing} \oplus 736V^{(3,1),(1)} \oplus 37V^{(3,1),(2)} \oplus 28V^{(3,1),(1,1)} \oplus 384V^{(2,2),\varnothing} \oplus 592V^{(2,2),(1)} \oplus 29V^{(2,2),(2)} \oplus 23V^{(2,2),(1,1)} \oplus 384V^{(2,1,1),\varnothing} \oplus 592V^{(2,1,1),(1)} \oplus 29V^{(2,1,1),(2)} \oplus 23V^{(2,1,1),(1,1)} \oplus 180V^{(4,1),\varnothing} \oplus 9V^{(4,1),(1)} \oplus 180V^{(3,2),\varnothing} \oplus 9V^{(3,2),(1)} \oplus 180V^{(3,1,1),\varnothing} \oplus 9V^{(3,1,1),(1)} \oplus 104V^{(2,2,1),\varnothing} \oplus 7V^{(2,2,1),(1)} \oplus V^{(4,2),\varnothing} \oplus V^{(4,1,1),\varnothing} \oplus V^{(3,2,1),\varnothing}$
$k = 7: \quad 1225V^{\varnothing,(1)} \oplus 700V^{\varnothing,(2)} \oplus 700V^{\varnothing,(1,1)} \oplus 315V^{\varnothing,(3)} \oplus 315V^{\varnothing,(2,1)} \oplus 140V^{\varnothing,(4)} \oplus 140V^{\varnothing,(3,1)} \oplus 140V^{\varnothing,(2,2)} \oplus 70V^{\varnothing,(4,1)} \oplus 70V^{\varnothing,(3,2)} \oplus 35V^{\varnothing,(4,2)} \oplus 35V^{\varnothing,(3,3)} \oplus 196V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2580V^{(1),(1,1)} \oplus 1360V^{(1),(3)} \oplus 1360V^{(1),(2,1)} \oplus 550V^{(1),(4)} \oplus 650V^{(1),(3,1)} \oplus 550V^{(1),(2,2)} \oplus 204V^{(1),(4,1)} \oplus 256V^{(1),(3,2)} \oplus 3V^{(1),(4,2)} \oplus 3V^{(1),(3,3)} \oplus 126V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1616V^{(2),(2)} \oplus 1376V^{(2),(1,1)} \oplus 762V^{(2),(3)} \oplus 762V^{(2),(2,1)} \oplus 176V^{(2),(4)} \oplus 248V^{(2),(3,1)} \oplus 208V^{(2),(2,2)} \oplus 11V^{(2),(4,1)} \oplus 13V^{(2),(3,2)} \oplus 126V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1580V^{(1,1),(2)} \oplus 1352V^{(1,1),(1,1)} \oplus 738V^{(1,1),(3)} \oplus 738V^{(1,1),(2,1)} \oplus 168V^{(1,1),(4)} \oplus 232V^{(1,1),(3,1)} \oplus 192V^{(1,1),(2,2)} \oplus 9V^{(1,1),(4,1)} \oplus 11V^{(1,1),(3,2)} \oplus 84V^{(3),\varnothing} \oplus 1360V^{(3),(1)} \oplus 774V^{(3),(2)} \oplus 630V^{(3),(1,1)} \oplus 248V^{(3),(3)} \oplus 248V^{(3),(2,1)} \oplus 27V^{(3),(4)} \oplus$

Table 81: Table for $\lambda = (4,2,1)$, $\mu = (4,2,1)$:

$k = 14: \quad 1796V^{\varnothing,\varnothing}$
$k = 13: \quad 10166V^{\varnothing,\varnothing} \oplus 867V^{\varnothing,(1)} \oplus 867V^{(1),\varnothing}$
$k = 12: \quad 17790V^{\varnothing,\varnothing} \oplus 10480V^{\varnothing,(1)} \oplus 205V^{\varnothing,(2)} \oplus 203V^{\varnothing,(1,1)} \oplus 10480V^{(1),\varnothing} \oplus 2303V^{(1),(1)} \oplus 205V^{(2),\varnothing} \oplus 203V^{(1,1),\varnothing}$
$k = 11: \quad 18313V^{\varnothing,\varnothing} \oplus 17298V^{\varnothing,(1)} \oplus 4018V^{\varnothing,(2)} \oplus 3810V^{\varnothing,(1,1)} \oplus 49V^{\varnothing,(3)} \oplus 52V^{\varnothing,(2,1)} \oplus 40V^{\varnothing,(1,1,1)} \oplus 17298V^{(1),\varnothing} \oplus 14432V^{(1),(1)} \oplus 773V^{(1),(2)} \oplus 767V^{(1),(1,1)} \oplus 4018V^{(2),\varnothing} \oplus 773V^{(2),(1)} \oplus 3810V^{(1,1),\varnothing} \oplus 767V^{(1,1),(1)} \oplus 49V^{(3),\varnothing} \oplus 52V^{(2,1),\varnothing} \oplus 40V^{(1,1,1),\varnothing}$
$k = 10:$ $15480V^{\varnothing,\varnothing} \oplus 16142V^{\varnothing,(1)} \oplus 6082V^{\varnothing,(2)} \oplus 5782V^{\varnothing,(1,1)} \oplus 1450V^{\varnothing,(3)} \oplus 1858V^{\varnothing,(2,1)} \oplus 982V^{\varnothing,(1,1,1)} \oplus 11V^{\varnothing,(4)} \oplus 15V^{\varnothing,(3,1)} \oplus 12V^{\varnothing,(2,2)} \oplus 12V^{\varnothing,(2,1,1)} \oplus 16142V^{(1),\varnothing} \oplus 21662V^{(1),(1)} \oplus 5320V^{(1),(2)} \oplus 5080V^{(1),(1,1)} \oplus 191V^{(1),(3)} \oplus 199V^{(1),(2,1)} \oplus 159V^{(1),(1,1,1)} \oplus 6082V^{(2),\varnothing} \oplus 5320V^{(2),(1)} \oplus 469V^{(2),(2)} \oplus 461V^{(2),(1,1)} \oplus 5782V^{(1,1),\varnothing} \oplus 5080V^{(1,1),(1)} \oplus 461V^{(1,1),(2)} \oplus 455V^{(1,1),(1,1)} \oplus 1450V^{(3),\varnothing} \oplus 191V^{(3),(1)} \oplus 1858V^{(2,1),\varnothing} \oplus 199V^{(2,1),(1)} \oplus 982V^{(1,1,1),\varnothing} \oplus 159V^{(1,1,1),(1)} \oplus 11V^{(4),\varnothing} \oplus 15V^{(3,1),\varnothing} \oplus 12V^{(2,2),\varnothing} \oplus 12V^{(2,1,1),\varnothing}$
$k = 9: \quad 9460V^{\varnothing,\varnothing} \oplus 11665V^{\varnothing,(1)} \oplus 4680V^{\varnothing,(2)} \oplus 4520V^{\varnothing,(1,1)} \oplus 1830V^{\varnothing,(3)} \oplus 2380V^{\varnothing,(2,1)} \oplus 1280V^{\varnothing,(1,1,1)} \oplus 396V^{\varnothing,(4)} \oplus 752V^{\varnothing,(3,1)} \oplus 548V^{\varnothing,(2,2)} \oplus 548V^{\varnothing,(2,1,1)} \oplus 4V^{\varnothing,(4,1)} \oplus 4V^{\varnothing,(3,2)} \oplus 4V^{\varnothing,(3,1,1)} \oplus 3V^{\varnothing,(2,2,1)} \oplus 11665V^{(1),\varnothing} \oplus 18404V^{(1),(1)} \oplus 7422V^{(1),(2)} \oplus 7098V^{(1),(1,1)} \oplus 1824V^{(1),(3)} \oplus 2152V^{(1),(2,1)} \oplus 1400V^{(1),(1,1,1)} \oplus 39V^{(1),(4)} \oplus 49V^{(1),(3,1)} \oplus 41V^{(1),(2,2)} \oplus 41V^{(1),(2,1,1)} \oplus 4680V^{(2),\varnothing} \oplus 7422V^{(2),(1)} \oplus 2188V^{(2),(2)} \oplus 2060V^{(2),(1,1)} \oplus 173V^{(2),(3)} \oplus 183V^{(2),(2,1)} \oplus 139V^{(2),(1,1,1)} \oplus 4520V^{(1,1),\varnothing} \oplus 7098V^{(1,1),(1)} \oplus 2060V^{(1,1),(2)} \oplus 1964V^{(1,1),(1,1)} \oplus 167V^{(1,1),(3)} \oplus 175V^{(1,1),(2,1)} \oplus 135V^{(1,1),(1,1,1)} \oplus 1830V^{(3),\varnothing} \oplus 1824V^{(3),(1)} \oplus 173V^{(3),(2)} \oplus 167V^{(3),(1,1)} \oplus 2380V^{(2,1),\varnothing} \oplus 2152V^{(2,1),(1)} \oplus 183V^{(2,1),(2)} \oplus 175V^{(2,1),(1,1)} \oplus 1280V^{(1,1,1),\varnothing} \oplus 1400V^{(1,1,1),(1)} \oplus 139V^{(1,1,1),(2)} \oplus 135V^{(1,1,1),(1,1)} \oplus 396V^{(4),\varnothing} \oplus 39V^{(4),(1)} \oplus 752V^{(3,1),\varnothing} \oplus 49V^{(3,1),(1)} \oplus 548V^{(2,2),\varnothing} \oplus 41V^{(2,2),(1)} \oplus 548V^{(2,1,1),\varnothing} \oplus 41V^{(2,1,1),(1)} \oplus 4V^{(4,1),\varnothing} \oplus 4V^{(3,2),\varnothing} \oplus 4V^{(3,1,1),\varnothing} \oplus 3V^{(2,2,1),\varnothing}$
$k = 8: \quad 4395V^{\varnothing,\varnothing} \oplus 5640V^{\varnothing,(1)} \oplus 2511V^{\varnothing,(2)} \oplus 2511V^{\varnothing,(1,1)} \oplus 1080V^{\varnothing,(3)} \oplus 1340V^{\varnothing,(2,1)} \oplus 820V^{\varnothing,(1,1,1)} \oplus 360V^{\varnothing,(4)} \oplus 660V^{\varnothing,(3,1)} \oplus 510V^{\varnothing,(2,2)} \oplus 510V^{\varnothing,(2,1,1)} \oplus 222V^{\varnothing,(4,1)} \oplus 222V^{\varnothing,(3,2)} \oplus 222V^{\varnothing,(3,1,1)} \oplus 146V^{\varnothing,(2,2,1)} \oplus V^{\varnothing,(4,2)} \oplus V^{\varnothing,(4,1,1)} \oplus V^{\varnothing,(3,2,1)} \oplus 5640V^{(1),\varnothing} \oplus 12068V^{(1),(1)} \oplus 5424V^{(1),(2)} \oplus 5280V^{(1),(1,1)} \oplus 2274V^{(1),(3)} \oplus 2682V^{(1),(2,1)} \oplus 1866V^{(1),(1,1,1)} \oplus 528V^{(1),(4)} \oplus 796V^{(1),(3,1)} \oplus 632V^{(1),(2,2)} \oplus 632V^{(1),(2,1,1)} \oplus 11V^{(1),(4,1)} \oplus 11V^{(1),(3,2)} \oplus 11V^{(1),(3,1,1)} \oplus 9V^{(1),(2,2,1)} \oplus 2511V^{(2),\varnothing} \oplus 5424V^{(2),(1)} \oplus 2666V^{(2),(2)} \oplus 2522V^{(2),(1,1)} \oplus 756V^{(2),(3)} \oplus 900V^{(2),(2,1)} \oplus 564V^{(2),(1,1,1)} \oplus 43V^{(2),(4)} \oplus 55V^{(2),(3,1)} \oplus 45V^{(2),(2,2)} \oplus 45V^{(2),(2,1,1)} \oplus 2511V^{(1,1),\varnothing} \oplus 5280V^{(1,1),(1)} \oplus 2522V^{(1,1),(2)} \oplus 2414V^{(1,1),(1,1)} \oplus 708V^{(1,1),(3)} \oplus 836V^{(1,1),(2,1)} \oplus 532V^{(1,1),(1,1,1)} \oplus 39V^{(1,1),(4)} \oplus 49V^{(1,1),(3,1)} \oplus 41V^{(1,1),(2,2)} \oplus 41V^{(1,1),(2,1,1)} \oplus 1080V^{(3),\varnothing} \oplus 2274V^{(3),(1)} \oplus 756V^{(3),(2)} \oplus 708V^{(3),(1,1)} \oplus 101V^{(3),(3)} \oplus 109V^{(3),(2,1)} \oplus 75V^{(3),(1,1,1)} \oplus 1340V^{(2,1),\varnothing} \oplus 2682V^{(2,1),(1)} \oplus 900V^{(2,1),(2)} \oplus 836V^{(2,1),(1,1)} \oplus 109V^{(2,1),(3)} \oplus 120V^{(2,1),(2,1)} \oplus 80V^{(2,1),(1,1,1)} \oplus 820V^{(1,1,1),\varnothing} \oplus 1866V^{(1,1,1),(1)} \oplus 564V^{(1,1,1),(2)} \oplus 532V^{(1,1,1),(1,1)} \oplus 75V^{(1,1,1),(3)} \oplus 80V^{(1,1,1),(2,1)} \oplus 58V^{(1,1,1),(1,1,1)} \oplus 360V^{(4),\varnothing} \oplus 528V^{(4),(1)} \oplus 43V^{(4),(2)} \oplus 39V^{(4),(1,1)} \oplus 660V^{(3,1),\varnothing} \oplus 796V^{(3,1),(1)} \oplus 55V^{(3,1),(2)} \oplus 49V^{(3,1),(1,1)} \oplus 510V^{(2,2),\varnothing} \oplus 632V^{(2,2),(1)} \oplus 45V^{(2,2),(2)} \oplus 41V^{(2,2),(1,1)} \oplus 510V^{(2,1,1),\varnothing} \oplus 632V^{(2,1,1),(1)} \oplus 45V^{(2,1,1),(2)} \oplus 41V^{(2,1,1),(1,1)} \oplus 222V^{(4,1),\varnothing} \oplus 11V^{(4,1),(1)} \oplus 222V^{(3,2),\varnothing} \oplus 11V^{(3,2),(1)} \oplus 222V^{(3,1,1),\varnothing} \oplus 11V^{(3,1,1),(1)} \oplus 146V^{(2,2,1),\varnothing} \oplus 9V^{(2,2,1),(1)} \oplus V^{(4,2),\varnothing} \oplus V^{(4,1,1),\varnothing} \oplus V^{(3,2,1),\varnothing}$
$k = 7: \quad 1225V^{\varnothing,\varnothing} \oplus 1225V^{\varnothing,(1)} \oplus 700V^{\varnothing,(2)} \oplus 700V^{\varnothing,(1,1)} \oplus 315V^{\varnothing,(3)} \oplus 315V^{\varnothing,(2,1)} \oplus 315V^{\varnothing,(1,1,1)} \oplus 140V^{\varnothing,(4)} \oplus 140V^{\varnothing,(3,1)} \oplus 140V^{\varnothing,(2,2)} \oplus 140V^{\varnothing,(2,1,1)} \oplus 70V^{\varnothing,(4,1)} \oplus 70V^{\varnothing,(3,2)} \oplus 70V^{\varnothing,(3,1,1)} \oplus 70V^{\varnothing,(2,2,1)} \oplus 35V^{\varnothing,(4,2)} \oplus 35V^{\varnothing,(4,1,1)} \oplus 35V^{\varnothing,(3,2,1)} \oplus 1225V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1360V^{(1),(3)} \oplus 1520V^{(1),(2,1)} \oplus$

Table 82: Table for $\lambda = (4,2,1)$, $\mu = (4,1,1,1)$:

$k = 14: \quad 180V^{\varnothing,\varnothing}$
$k = 13: \quad 9040V^{\varnothing,\varnothing} \oplus 742V^{\varnothing,(1)} \oplus 516V^{(1),\varnothing}$
$k = 12: \quad 16568V^{\varnothing,\varnothing} \oplus 10092V^{\varnothing,(1)} \oplus 174V^{\varnothing,(2)} \oplus 174V^{\varnothing,(1,1)} \oplus 9040V^{(1),\varnothing} \oplus 1847V^{(1),(1)} \oplus 162V^{(2),\varnothing} \oplus 160V^{(1,1),\varnothing}$
$k = 11: \quad 16714V^{\varnothing,\varnothing} \oplus 17160V^{\varnothing,(1)} \oplus 3598V^{\varnothing,(2)} \oplus 3598V^{\varnothing,(1,1)} \oplus 41V^{\varnothing,(3)} \oplus 43V^{\varnothing,(2,1)} \oplus 41V^{\varnothing,(1,1,1)} \oplus 14976V^{(1),\varnothing} \oplus 13688V^{(1),(1)} \oplus 647V^{(1),(2)} \oplus 647V^{(1),(1,1)} \oplus 3592V^{(2),\varnothing} \oplus 581V^{(2),(1)} \oplus 3384V^{(1,1),\varnothing} \oplus 575V^{(1,1),(1)} \oplus 46V^{(3),\varnothing} \oplus 49V^{(2,1),\varnothing} \oplus 37V^{(1,1,1),\varnothing}$
$k = 10:$ $12680V^{\varnothing,\varnothing} \oplus 16142V^{\varnothing,(1)} \oplus 5674V^{\varnothing,(2)} \oplus 5674V^{\varnothing,(1,1)} \oplus 1286V^{\varnothing,(3)} \oplus 1390V^{\varnothing,(2,1)} \oplus 1286V^{\varnothing,(1,1,1)} \oplus 9V^{\varnothing,(4)} \oplus 12V^{\varnothing,(3,1)} \oplus 12V^{\varnothing,(2,1,1)} \oplus 9V^{\varnothing,(1,1,1,1)} \oplus 13352V^{(1),\varnothing} \oplus 21470V^{(1),(1)} \oplus 4696V^{(1),(2)} \oplus 4696V^{(1),(1,1)} \oplus 161V^{(1),(3)} \oplus 167V^{(1),(2,1)} \oplus 161V^{(1),(1,1,1)} \oplus 5332V^{(2),\varnothing} \oplus 5176V^{(2),(1)} \oplus 365V^{(2),(2)} \oplus 365V^{(2),(1,1)} \oplus 5032V^{(1,1),\varnothing} \oplus 4936V^{(1,1),(1)} \oplus 359V^{(1,1),(2)} \oplus 359V^{(1,1),(1,1)} \oplus 1300V^{(3),\varnothing} \oplus 167V^{(3),(1)} \oplus 1708V^{(2,1),\varnothing} \oplus 175V^{(2,1),(1)} \oplus 832V^{(1,1,1),\varnothing} \oplus 135V^{(1,1,1),(1)} \oplus 11V^{(4),\varnothing} \oplus 15V^{(3,1),\varnothing} \oplus 12V^{(2,2),\varnothing} \oplus 12V^{(2,1,1),\varnothing}$
$k = 9: \quad 5960V^{\varnothing,\varnothing} \oplus 11665V^{\varnothing,(1)} \oplus 4520V^{\varnothing,(2)} \oplus 4520V^{\varnothing,(1,1)} \oplus 1730V^{\varnothing,(3)} \oplus 1830V^{\varnothing,(2,1)} \oplus 1730V^{\varnothing,(1,1,1)} \oplus 344V^{\varnothing,(4)} \oplus 548V^{\varnothing,(3,1)} \oplus 548V^{\varnothing,(2,1,1)} \oplus 344V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(4,1)} \oplus 4V^{\varnothing,(3,1,1)} \oplus 3V^{\varnothing,(2,1,1,1)} \oplus 8600V^{(1),\varnothing} \oplus 18404V^{(1),(1)} \oplus 6954V^{(1),(2)} \oplus 6954V^{(1),(1,1)} \oplus 1608V^{(1),(3)} \oplus 1728V^{(1),(2,1)} \oplus 1608V^{(1),(1,1,1)} \oplus 33V^{(1),(4)} \oplus 41V^{(1),(3,1)} \oplus 41V^{(1),(2,1,1)} \oplus 33V^{(1),(1,1,1,1)} \oplus 3840V^{(2),\varnothing} \oplus 7422V^{(2),(1)} \oplus 1892V^{(2),(2)} \oplus 1892V^{(2),(1,1)} \oplus 141V^{(2),(3)} \oplus 149V^{(2),(2,1)} \oplus 141V^{(2),(1,1,1)} \oplus 3680V^{(1,1),\varnothing} \oplus 7098V^{(1,1),(1)} \oplus 1796V^{(1,1),(2)} \oplus 1796V^{(1,1),(1,1)} \oplus 137V^{(1,1),(3)} \oplus 143V^{(1,1),(2,1)} \oplus 137V^{(1,1),(1,1,1)} \oplus 1560V^{(3),\varnothing} \oplus 1824V^{(3),(1)} \oplus 125V^{(3),(2)} \oplus 125V^{(3),(1,1)} \oplus 2110V^{(2,1),\varnothing} \oplus 2152V^{(2,1),(1)} \oplus 133V^{(2,1),(2)} \oplus 133V^{(2,1),(1,1)} \oplus 1010V^{(1,1,1),\varnothing} \oplus 1400V^{(1,1,1),(1)} \oplus 99V^{(1,1,1),(2)} \oplus 99V^{(1,1,1),(1,1)} \oplus 336V^{(4),\varnothing} \oplus 39V^{(4),(1)} \oplus 692V^{(3,1),\varnothing} \oplus 49V^{(3,1),(1)} \oplus 488V^{(2,2),\varnothing} \oplus 41V^{(2,2),(1)} \oplus 488V^{(2,1,1),\varnothing} \oplus 41V^{(2,1,1),(1)} \oplus 4V^{(4,1),\varnothing} \oplus 4V^{(3,2),\varnothing} \oplus 4V^{(3,1,1),\varnothing} \oplus 3V^{(2,2,1),\varnothing}$
$k = 8:$ $1420V^{\varnothing,\varnothing} \oplus 5640V^{\varnothing,(1)} \oplus 2511V^{\varnothing,(2)} \oplus 2511V^{\varnothing,(1,1)} \oplus 1080V^{\varnothing,(3)} \oplus 1080V^{\varnothing,(2,1)} \oplus 1080V^{\varnothing,(1,1,1)} \oplus 360V^{\varnothing,(4)} \oplus 510V^{\varnothing,(3,1)} \oplus 510V^{\varnothing,(2,1,1)} \oplus 360V^{\varnothing,(1,1,1,1)} \oplus 146V^{\varnothing,(4,1)} \oplus 222V^{\varnothing,(3,1,1)} \oplus 146V^{\varnothing,(2,1,1,1)} \oplus V^{\varnothing,(4,1,1)} \oplus V^{\varnothing,(3,1,1,1)} \oplus 3120V^{(1),\varnothing} \oplus 12068V^{(1),(1)} \oplus 5280V^{(1),(2)} \oplus 5280V^{(1),(1,1)} \oplus 2166V^{(1),(3)} \oplus 2274V^{(1),(2,1)} \oplus 2166V^{(1),(1,1,1)} \oplus 468V^{(1),(4)} \oplus 632V^{(1),(3,1)} \oplus 632V^{(1),(2,1,1)} \oplus 468V^{(1),(1,1,1,1)} \oplus 9V^{(1),(4,1)} \oplus 11V^{(1),(3,1,1)} \oplus 9V^{(1),(2,1,1,1)} \oplus 1736V^{(2),\varnothing} \oplus 5424V^{(2),(1)} \oplus 2474V^{(2),(2)} \oplus 2474V^{(2),(1,1)} \oplus 644V^{(2),(3)} \oplus 708V^{(2),(2,1)} \oplus 644V^{(2),(1,1,1)} \oplus 35V^{(2),(4)} \oplus 45V^{(2),(3,1)} \oplus 45V^{(2),(2,1,1)} \oplus 35V^{(2),(1,1,1,1)} \oplus 1736V^{(1,1),\varnothing} \oplus 5280V^{(1,1),(1)} \oplus 2366V^{(1,1),(2)} \oplus 2366V^{(1,1),(1,1)} \oplus 612V^{(1,1),(3)} \oplus 660V^{(1,1),(2,1)} \oplus 612V^{(1,1),(1,1,1)} \oplus 33V^{(1,1),(4)} \oplus 41V^{(1,1),(3,1)} \oplus 41V^{(1,1),(2,1,1)} \oplus 33V^{(1,1),(1,1,1,1)} \oplus 840V^{(3),\varnothing} \oplus 2274V^{(3),(1)} \oplus 672V^{(3),(2)} \oplus 672V^{(3),(1,1)} \oplus 77V^{(3),(3)} \oplus 83V^{(3),(2,1)} \oplus 77V^{(3),(1,1,1)} \oplus 1100V^{(2,1),\varnothing} \oplus 2682V^{(2,1),(1)} \oplus 800V^{(2,1),(2)} \oplus 800V^{(2,1),(1,1)} \oplus 83V^{(2,1),(3)} \oplus 91V^{(2,1),(2,1)} \oplus 83V^{(2,1),(1,1,1)} \oplus 580V^{(1,1,1),\varnothing} \oplus 1866V^{(1,1,1),(1)} \oplus 508V^{(1,1,1),(2)} \oplus 508V^{(1,1,1),(1,1)} \oplus 59V^{(1,1,1),(3)} \oplus 63V^{(1,1,1),(2,1)} \oplus 59V^{(1,1,1),(1,1,1)} \oplus 270V^{(4),\varnothing} \oplus 528V^{(4),(1)} \oplus 33V^{(4),(2)} \oplus 33V^{(4),(1,1)} \oplus 570V^{(3,1),\varnothing} \oplus 796V^{(3,1),(1)} \oplus 43V^{(3,1),(2)} \oplus 43V^{(3,1),(1,1)} \oplus 420V^{(2,2),\varnothing} \oplus 632V^{(2,2),(1)} \oplus 35V^{(2,2),(2)} \oplus 35V^{(2,2),(1,1)} \oplus 420V^{(2,1,1),\varnothing} \oplus 632V^{(2,1,1),(1)} \oplus 35V^{(2,1,1),(2)} \oplus 35V^{(2,1,1),(1,1)} \oplus 192V^{(4,1),\varnothing} \oplus 11V^{(4,1),(1)} \oplus 192V^{(3,2),\varnothing} \oplus 11V^{(3,2),(1)} \oplus 192V^{(3,1,1),\varnothing} \oplus 11V^{(3,1,1),(1)} \oplus 116V^{(2,2,1),\varnothing} \oplus 9V^{(2,2,1),(1)} \oplus V^{(4,2),\varnothing} \oplus V^{(4,1,1),\varnothing} \oplus V^{(3,2,1),\varnothing}$
$k = 7: \quad 1225V^{\varnothing,(1)} \oplus 700V^{\varnothing,(2)} \oplus 700V^{\varnothing,(1,1)} \oplus 315V^{\varnothing,(3)} \oplus 315V^{\varnothing,(2,1)} \oplus 315V^{\varnothing,(1,1,1)} \oplus 140V^{\varnothing,(4)} \oplus 140V^{\varnothing,(3,1)} \oplus 140V^{\varnothing,(2,1,1)} \oplus 140V^{\varnothing,(1,1,1,1)} \oplus 70V^{\varnothing,(4,1)} \oplus 70V^{\varnothing,(3,1,1)} \oplus 70V^{\varnothing,(2,1,1,1)} \oplus 35V^{\varnothing,(4,1,1)} \oplus 35V^{\varnothing,(3,1,1,1)} \oplus 400V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1360V^{(1),(3)} \oplus 1360V^{(1),(2,1)} \oplus 1360V^{(1),(1,1,1)} \oplus 550V^{(1),(4)} \oplus 650V^{(1),(3,1)} \oplus$

Table 83: Table for $\lambda = (4,2,1)$, $\mu = (3,3,1)$:

$k = 14: \quad 373V^{\varnothing,\varnothing}$
$k = 13: \quad 9415V^{\varnothing,\varnothing} \oplus 736V^{\varnothing,(1)} \oplus 659V^{(1),\varnothing}$
$k = 12: \quad 16760V^{\varnothing,\varnothing} \oplus 9852V^{\varnothing,(1)} \oplus 174V^{\varnothing,(2)} \oplus 174V^{\varnothing,(1,1)} \oplus 9288V^{(1),\varnothing} \oplus 1823V^{(1),(1)} \oplus 186V^{(2),\varnothing} \oplus 184V^{(1,1),\varnothing}$
$k = 11: \quad 16837V^{\varnothing,\varnothing} \oplus 16836V^{\varnothing,(1)} \oplus 3598V^{\varnothing,(2)} \oplus 3598V^{\varnothing,(1,1)} \oplus 40V^{\varnothing,(3)} \oplus 44V^{\varnothing,(2,1)} \oplus 34V^{\varnothing,(1,1,1)} \oplus 15174V^{(1),\varnothing} \oplus 13304V^{(1),(1)} \oplus 647V^{(1),(2)} \oplus 647V^{(1),(1,1)} \oplus 3642V^{(2),\varnothing} \oplus 557V^{(2),(1)} \oplus 3434V^{(1,1),\varnothing} \oplus 551V^{(1,1),(1)} \oplus 48V^{(3),\varnothing} \oplus 51V^{(2,1),\varnothing} \oplus 39V^{(1,1,1),\varnothing}$
$k = 10: \quad 12785V^{\varnothing,\varnothing} \oplus 15998V^{\varnothing,(1)} \oplus 5674V^{\varnothing,(2)} \oplus 5674V^{\varnothing,(1,1)} \oplus 982V^{\varnothing,(3)} \oplus 1694V^{\varnothing,(2,1)} \oplus 922V^{\varnothing,(1,1,1)} \oplus 12V^{\varnothing,(3,1)} \oplus 12V^{\varnothing,(2,2)} \oplus 10V^{\varnothing,(2,1,1)} \oplus 13538V^{(1),\varnothing} \oplus 21038V^{(1),(1)} \oplus 4696V^{(1),(2)} \oplus 4696V^{(1),(1,1)} \oplus 159V^{(1),(3)} \oplus 169V^{(1),(2,1)} \oplus 135V^{(1),(1,1,1)} \oplus 5382V^{(2),\varnothing} \oplus 4984V^{(2),(1)} \oplus 365V^{(2),(2)} \oplus 365V^{(2),(1,1)} \oplus 5082V^{(1,1),\varnothing} \oplus 4744V^{(1,1),(1)} \oplus 359V^{(1,1),(2)} \oplus 359V^{(1,1),(1,1)} \oplus 1310V^{(3),\varnothing} \oplus 149V^{(3),(1)} \oplus 1718V^{(2,1),\varnothing} \oplus 157V^{(2,1),(1)} \oplus 842V^{(1,1,1),\varnothing} \oplus 123V^{(1,1,1),(1)} \oplus 11V^{(4),\varnothing} \oplus 15V^{(3,1),\varnothing} \oplus 12V^{(2,2),\varnothing} \oplus 12V^{(2,1,1),\varnothing}$
$k = 9: \quad 6765V^{\varnothing,\varnothing} \oplus 11665V^{\varnothing,(1)} \oplus 4520V^{\varnothing,(2)} \oplus 4520V^{\varnothing,(1,1)} \oplus 1280V^{\varnothing,(3)} \oplus 2280V^{\varnothing,(2,1)} \oplus 1280V^{\varnothing,(1,1,1)} \oplus 548V^{\varnothing,(3,1)} \oplus 548V^{\varnothing,(2,2)} \oplus 496V^{\varnothing,(2,1,1)} \oplus 4V^{\varnothing,(3,2)} \oplus 3V^{\varnothing,(3,1,1)} \oplus 3V^{\varnothing,(2,2,1)} \oplus 8634V^{(1),\varnothing} \oplus 18260V^{(1),(1)} \oplus 6954V^{(1),(2)} \oplus 6954V^{(1),(1,1)} \oplus 1400V^{(1),(3)} \oplus 1936V^{(1),(2,1)} \oplus 1304V^{(1),(1,1,1)} \oplus 41V^{(1),(3,1)} \oplus 41V^{(1),(2,2)} \oplus 35V^{(1),(2,1,1)} \oplus 3896V^{(2),\varnothing} \oplus 7278V^{(2),(1)} \oplus 1892V^{(2),(2)} \oplus 1892V^{(2),(1,1)} \oplus 139V^{(2),(3)} \oplus 151V^{(2),(2,1)} \oplus 115V^{(2),(1,1,1)} \oplus 3736V^{(1,1),\varnothing} \oplus 6954V^{(1,1),(1)} \oplus 1796V^{(1,1),(2)} \oplus 1796V^{(1,1),(1,1)} \oplus 135V^{(1,1),(3)} \oplus 145V^{(1,1),(2,1)} \oplus 111V^{(1,1),(1,1,1)} \oplus 1578V^{(3),\varnothing} \oplus 1752V^{(3),(1)} \oplus 125V^{(3),(2)} \oplus 125V^{(3),(1,1)} \oplus 2128V^{(2,1),\varnothing} \oplus 2080V^{(2,1),(1)} \oplus 133V^{(2,1),(2)} \oplus 133V^{(2,1),(1,1)} \oplus 1028V^{(1,1,1),\varnothing} \oplus 1352V^{(1,1,1),(1)} \oplus 99V^{(1,1,1),(2)} \oplus 99V^{(1,1,1),(1,1)} \oplus 340V^{(4),\varnothing} \oplus 33V^{(4),(1)} \oplus 696V^{(3,1),\varnothing} \oplus 43V^{(3,1),(1)} \oplus 492V^{(2,2),\varnothing} \oplus 35V^{(2,2),(1)} \oplus 492V^{(2,1,1),\varnothing} \oplus 35V^{(2,1,1),(1)} \oplus 4V^{(4,1),\varnothing} \oplus 4V^{(3,2),\varnothing} \oplus 4V^{(3,1,1),\varnothing} \oplus 3V^{(2,2,1),\varnothing}$
$k = 8: \quad 1455V^{\varnothing,\varnothing} \oplus 5640V^{\varnothing,(1)} \oplus 2511V^{\varnothing,(2)} \oplus 2511V^{\varnothing,(1,1)} \oplus 820V^{\varnothing,(3)} \oplus 1340V^{\varnothing,(2,1)} \oplus 820V^{\varnothing,(1,1,1)} \oplus 510V^{\varnothing,(3,1)} \oplus 510V^{\varnothing,(2,2)} \oplus 510V^{\varnothing,(2,1,1)} \oplus 222V^{\varnothing,(3,2)} \oplus 146V^{\varnothing,(3,1,1)} \oplus 146V^{\varnothing,(2,2,1)} \oplus V^{\varnothing,(3,3)} \oplus V^{\varnothing,(3,2,1)} \oplus 3456V^{(1),\varnothing} \oplus 12068V^{(1),(1)} \oplus 5280V^{(1),(2)} \oplus 5280V^{(1),(1,1)} \oplus 1866V^{(1),(3)} \oplus 2574V^{(1),(2,1)} \oplus 1866V^{(1),(1,1,1)} \oplus 632V^{(1),(3,1)} \oplus 632V^{(1),(2,2)} \oplus 572V^{(1),(2,1,1)} \oplus 11V^{(1),(3,2)} \oplus 9V^{(1),(3,1,1)} \oplus 9V^{(1),(2,2,1)} \oplus 1776V^{(2),\varnothing} \oplus 5424V^{(2),(1)} \oplus 2474V^{(2),(2)} \oplus 2474V^{(2),(1,1)} \oplus 564V^{(2),(3)} \oplus 788V^{(2),(2,1)} \oplus 516V^{(2),(1,1,1)} \oplus 45V^{(2),(3,1)} \oplus 45V^{(2),(2,2)} \oplus 37V^{(2),(2,1,1)} \oplus 1776V^{(1,1),\varnothing} \oplus 5280V^{(1,1),(1)} \oplus 2366V^{(1,1),(2)} \oplus 2366V^{(1,1),(1,1)} \oplus 532V^{(1,1),(3)} \oplus 740V^{(1,1),(2,1)} \oplus 484V^{(1,1),(1,1,1)} \oplus 41V^{(1,1),(3,1)} \oplus 41V^{(1,1),(2,2)} \oplus 35V^{(1,1),(2,1,1)} \oplus 856V^{(3),\varnothing} \oplus 2274V^{(3),(1)} \oplus 672V^{(3),(2)} \oplus 672V^{(3),(1,1)} \oplus 75V^{(3),(3)} \oplus 85V^{(3),(2,1)} \oplus 57V^{(3),(1,1,1)} \oplus 1116V^{(2,1),\varnothing} \oplus 2682V^{(2,1),(1)} \oplus 800V^{(2,1),(2)} \oplus 800V^{(2,1),(1,1)} \oplus 80V^{(2,1),(3)} \oplus 94V^{(2,1),(2,1)} \oplus 62V^{(2,1),(1,1,1)} \oplus 596V^{(1,1,1),\varnothing} \oplus 1866V^{(1,1,1),(1)} \oplus 508V^{(1,1,1),(2)} \oplus 508V^{(1,1,1),(1,1)} \oplus 58V^{(1,1,1),(3)} \oplus 64V^{(1,1,1),(2,1)} \oplus 46V^{(1,1,1),(1,1,1)} \oplus 276V^{(4),\varnothing} \oplus 528V^{(4),(1)} \oplus 33V^{(4),(2)} \oplus 33V^{(4),(1,1)} \oplus 576V^{(3,1),\varnothing} \oplus 796V^{(3,1),(1)} \oplus 43V^{(3,1),(2)} \oplus 43V^{(3,1),(1,1)} \oplus 426V^{(2,2),\varnothing} \oplus 632V^{(2,2),(1)} \oplus 35V^{(2,2),(2)} \oplus 35V^{(2,2),(1,1)} \oplus 426V^{(2,1,1),\varnothing} \oplus 632V^{(2,1,1),(1)} \oplus 35V^{(2,1,1),(2)} \oplus 35V^{(2,1,1),(1,1)} \oplus 194V^{(4,1),\varnothing} \oplus 11V^{(4,1),(1)} \oplus 194V^{(3,2),\varnothing} \oplus 11V^{(3,2),(1)} \oplus 194V^{(3,1,1),\varnothing} \oplus 11V^{(3,1,1),(1)} \oplus 118V^{(2,2,1),\varnothing} \oplus 9V^{(2,2,1),(1)} \oplus V^{(4,2),\varnothing} \oplus V^{(4,1,1),\varnothing} \oplus V^{(3,2,1),\varnothing}$
$k = 7: \quad 1225V^{\varnothing,(1)} \oplus 700V^{\varnothing,(2)} \oplus 700V^{\varnothing,(1,1)} \oplus 315V^{\varnothing,(3)} \oplus 315V^{\varnothing,(2,1)} \oplus 315V^{\varnothing,(1,1,1)} \oplus 140V^{\varnothing,(3,1)} \oplus 140V^{\varnothing,(2,2)} \oplus 140V^{\varnothing,(2,1,1)} \oplus 70V^{\varnothing,(3,2)} \oplus 70V^{\varnothing,(3,1,1)} \oplus 70V^{\varnothing,(2,2,1)} \oplus 35V^{\varnothing,(3,3)} \oplus 35V^{\varnothing,(3,2,1)} \oplus 441V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1200V^{(1),(3)} \oplus 1520V^{(1),(2,1)} \oplus 1200V^{(1),(1,1,1)} \oplus 650V^{(1),(3,1)} \oplus 650V^{(1),(2,2)} \oplus 650V^{(1),(2,1,1)} \oplus 256V^{(1),(3,2)} \oplus 204V^{(1),(3,1,1)} \oplus 204V^{(1),(2,2,1)} \oplus 3V^{(1),(3,3)} \oplus 3V^{(1),(3,2,1)} \oplus 336V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1616V^{(2),(2)} \oplus 1616V^{(2),(1,1)} \oplus$

Table 84: Table for $\lambda = (4,2,1)$, $\mu = (3,2,2)$:

$k = 14: \quad 373V^{\varnothing,\varnothing}$
$k = 13: \quad 9415V^{\varnothing,\varnothing} \oplus 736V^{\varnothing,(1)} \oplus 659V^{(1),\varnothing}$
$k = 12: \quad 16760V^{\varnothing,\varnothing} \oplus 9852V^{\varnothing,(1)} \oplus 174V^{\varnothing,(2)} \oplus 174V^{\varnothing,(1,1)} \oplus 9288V^{(1),\varnothing} \oplus 1823V^{(1),(1)} \oplus 186V^{(2),\varnothing} \oplus 184V^{(1,1),\varnothing}$
$k = 11: \quad 16837V^{\varnothing,\varnothing} \oplus 16836V^{\varnothing,(1)} \oplus 3598V^{\varnothing,(2)} \oplus 3598V^{\varnothing,(1,1)} \oplus 34V^{\varnothing,(3)} \oplus 44V^{\varnothing,(2,1)} \oplus 40V^{\varnothing,(1,1,1)} \oplus 15174V^{(1),\varnothing} \oplus 13304V^{(1),(1)} \oplus 647V^{(1),(2)} \oplus 647V^{(1),(1,1)} \oplus 3642V^{(2),\varnothing} \oplus 557V^{(2),(1)} \oplus 3434V^{(1,1),\varnothing} \oplus 551V^{(1,1),(1)} \oplus 48V^{(3),\varnothing} \oplus 51V^{(2,1),\varnothing} \oplus 39V^{(1,1,1),\varnothing}$
$k = 10: \quad 12785V^{\varnothing,\varnothing} \oplus 15998V^{\varnothing,(1)} \oplus 5674V^{\varnothing,(2)} \oplus 5674V^{\varnothing,(1,1)} \oplus 922V^{\varnothing,(3)} \oplus 1694V^{\varnothing,(2,1)} \oplus 982V^{\varnothing,(1,1,1)} \oplus 10V^{\varnothing,(3,1)} \oplus 12V^{\varnothing,(2,2)} \oplus 12V^{\varnothing,(2,1,1)} \oplus 13538V^{(1),\varnothing} \oplus 21038V^{(1),(1)} \oplus 4696V^{(1),(2)} \oplus 4696V^{(1),(1,1)} \oplus 135V^{(1),(3)} \oplus 169V^{(1),(2,1)} \oplus 159V^{(1),(1,1,1)} \oplus 5382V^{(2),\varnothing} \oplus 4984V^{(2),(1)} \oplus 365V^{(2),(2)} \oplus 365V^{(2),(1,1)} \oplus 5082V^{(1,1),\varnothing} \oplus 4744V^{(1,1),(1)} \oplus 359V^{(1,1),(2)} \oplus 359V^{(1,1),(1,1)} \oplus 1310V^{(3),\varnothing} \oplus 149V^{(3),(1)} \oplus 1718V^{(2,1),\varnothing} \oplus 157V^{(2,1),(1)} \oplus 842V^{(1,1,1),\varnothing} \oplus 123V^{(1,1,1),(1)} \oplus 11V^{(4),\varnothing} \oplus 15V^{(3,1),\varnothing} \oplus 12V^{(2,2),\varnothing} \oplus 12V^{(2,1,1),\varnothing}$
$k = 9: \quad 6765V^{\varnothing,\varnothing} \oplus 11665V^{\varnothing,(1)} \oplus 4520V^{\varnothing,(2)} \oplus 4520V^{\varnothing,(1,1)} \oplus 1280V^{\varnothing,(3)} \oplus 2280V^{\varnothing,(2,1)} \oplus 1280V^{\varnothing,(1,1,1)} \oplus 496V^{\varnothing,(3,1)} \oplus 548V^{\varnothing,(2,2)} \oplus 548V^{\varnothing,(2,1,1)} \oplus 3V^{\varnothing,(3,2)} \oplus 3V^{\varnothing,(3,1,1)} \oplus 4V^{\varnothing,(2,2,1)} \oplus 8634V^{(1),\varnothing} \oplus 18260V^{(1),(1)} \oplus 6954V^{(1),(2)} \oplus 6954V^{(1),(1,1)} \oplus 1304V^{(1),(3)} \oplus 1936V^{(1),(2,1)} \oplus 1400V^{(1),(1,1,1)} \oplus 35V^{(1),(3,1)} \oplus 41V^{(1),(2,2)} \oplus 41V^{(1),(2,1,1)} \oplus 3896V^{(2),\varnothing} \oplus 7278V^{(2),(1)} \oplus 1892V^{(2),(2)} \oplus 1892V^{(2),(1,1)} \oplus 115V^{(2),(3)} \oplus 151V^{(2),(2,1)} \oplus 139V^{(2),(1,1,1)} \oplus 3736V^{(1,1),\varnothing} \oplus 6954V^{(1,1),(1)} \oplus 1796V^{(1,1),(2)} \oplus 1796V^{(1,1),(1,1)} \oplus 111V^{(1,1),(3)} \oplus 145V^{(1,1),(2,1)} \oplus 135V^{(1,1),(1,1,1)} \oplus 1578V^{(3),\varnothing} \oplus 1752V^{(3),(1)} \oplus 125V^{(3),(2)} \oplus 125V^{(3),(1,1)} \oplus 2128V^{(2,1),\varnothing} \oplus 2080V^{(2,1),(1)} \oplus 133V^{(2,1),(2)} \oplus 133V^{(2,1),(1,1)} \oplus 1028V^{(1,1,1),\varnothing} \oplus 1352V^{(1,1,1),(1)} \oplus 99V^{(1,1,1),(2)} \oplus 99V^{(1,1,1),(1,1)} \oplus 340V^{(4),\varnothing} \oplus 33V^{(4),(1)} \oplus 696V^{(3,1),\varnothing} \oplus 43V^{(3,1),(1)} \oplus 492V^{(2,2),\varnothing} \oplus 35V^{(2,2),(1)} \oplus 492V^{(2,1,1),\varnothing} \oplus 35V^{(2,1,1),(1)} \oplus 4V^{(4,1),\varnothing} \oplus 4V^{(3,2),\varnothing} \oplus 4V^{(3,1,1),\varnothing} \oplus 3V^{(2,2,1),\varnothing}$
$k = 8: \quad 1455V^{\varnothing,\varnothing} \oplus 5640V^{\varnothing,(1)} \oplus 2511V^{\varnothing,(2)} \oplus 2511V^{\varnothing,(1,1)} \oplus 820V^{\varnothing,(3)} \oplus 1340V^{\varnothing,(2,1)} \oplus 820V^{\varnothing,(1,1,1)} \oplus 510V^{\varnothing,(3,1)} \oplus 510V^{\varnothing,(2,2)} \oplus 510V^{\varnothing,(2,1,1)} \oplus 146V^{\varnothing,(3,2)} \oplus 146V^{\varnothing,(3,1,1)} \oplus 222V^{\varnothing,(2,2,1)} \oplus V^{\varnothing,(3,2,1)} \oplus V^{\varnothing,(2,2,2)} \oplus 3456V^{(1),\varnothing} \oplus 12068V^{(1),(1)} \oplus 5280V^{(1),(2)} \oplus 5280V^{(1),(1,1)} \oplus 1866V^{(1),(3)} \oplus 2574V^{(1),(2,1)} \oplus 1866V^{(1),(1,1,1)} \oplus 572V^{(1),(3,1)} \oplus 632V^{(1),(2,2)} \oplus 632V^{(1),(2,1,1)} \oplus 9V^{(1),(3,2)} \oplus 9V^{(1),(3,1,1)} \oplus 11V^{(1),(2,2,1)} \oplus 1776V^{(2),\varnothing} \oplus 5424V^{(2),(1)} \oplus 2474V^{(2),(2)} \oplus 2474V^{(2),(1,1)} \oplus 516V^{(2),(3)} \oplus 788V^{(2),(2,1)} \oplus 564V^{(2),(1,1,1)} \oplus 37V^{(2),(3,1)} \oplus 45V^{(2),(2,2)} \oplus 45V^{(2),(2,1,1)} \oplus 1776V^{(1,1),\varnothing} \oplus 5280V^{(1,1),(1)} \oplus 2366V^{(1,1),(2)} \oplus 2366V^{(1,1),(1,1)} \oplus 484V^{(1,1),(3)} \oplus 740V^{(1,1),(2,1)} \oplus 532V^{(1,1),(1,1,1)} \oplus 35V^{(1,1),(3,1)} \oplus 41V^{(1,1),(2,2)} \oplus 41V^{(1,1),(2,1,1)} \oplus 856V^{(3),\varnothing} \oplus 2274V^{(3),(1)} \oplus 672V^{(3),(2)} \oplus 672V^{(3),(1,1)} \oplus 57V^{(3),(3)} \oplus 85V^{(3),(2,1)} \oplus 75V^{(3),(1,1,1)} \oplus 1116V^{(2,1),\varnothing} \oplus 2682V^{(2,1),(1)} \oplus 800V^{(2,1),(2)} \oplus 800V^{(2,1),(1,1)} \oplus 62V^{(2,1),(3)} \oplus 94V^{(2,1),(2,1)} \oplus 80V^{(2,1),(1,1,1)} \oplus 596V^{(1,1,1),\varnothing} \oplus 1866V^{(1,1,1),(1)} \oplus 508V^{(1,1,1),(2)} \oplus 508V^{(1,1,1),(1,1)} \oplus 46V^{(1,1,1),(3)} \oplus 64V^{(1,1,1),(2,1)} \oplus 58V^{(1,1,1),(1,1,1)} \oplus 276V^{(4),\varnothing} \oplus 528V^{(4),(1)} \oplus 33V^{(4),(2)} \oplus 33V^{(4),(1,1)} \oplus 576V^{(3,1),\varnothing} \oplus 796V^{(3,1),(1)} \oplus 43V^{(3,1),(2)} \oplus 43V^{(3,1),(1,1)} \oplus 426V^{(2,2),\varnothing} \oplus 632V^{(2,2),(1)} \oplus 35V^{(2,2),(2)} \oplus 35V^{(2,2),(1,1)} \oplus 426V^{(2,1,1),\varnothing} \oplus 632V^{(2,1,1),(1)} \oplus 35V^{(2,1,1),(2)} \oplus 35V^{(2,1,1),(1,1)} \oplus 194V^{(4,1),\varnothing} \oplus 11V^{(4,1),(1)} \oplus 194V^{(3,2),\varnothing} \oplus 11V^{(3,2),(1)} \oplus 194V^{(3,1,1),\varnothing} \oplus 11V^{(3,1,1),(1)} \oplus 118V^{(2,2,1),\varnothing} \oplus 9V^{(2,2,1),(1)} \oplus V^{(4,2),\varnothing} \oplus V^{(4,1,1),\varnothing} \oplus V^{(3,2,1),\varnothing}$
$k = 7: \quad 1225V^{\varnothing,(1)} \oplus 700V^{\varnothing,(2)} \oplus 700V^{\varnothing,(1,1)} \oplus 315V^{\varnothing,(3)} \oplus 315V^{\varnothing,(2,1)} \oplus 315V^{\varnothing,(1,1,1)} \oplus 140V^{\varnothing,(3,1)} \oplus 140V^{\varnothing,(2,2)} \oplus 140V^{\varnothing,(2,1,1)} \oplus 70V^{\varnothing,(3,2)} \oplus 70V^{\varnothing,(3,1,1)} \oplus 70V^{\varnothing,(2,2,1)} \oplus 35V^{\varnothing,(3,2,1)} \oplus 35V^{\varnothing,(2,2,2)} \oplus 441V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1200V^{(1),(3)} \oplus 1520V^{(1),(2,1)} \oplus 1200V^{(1),(1,1,1)} \oplus 650V^{(1),(3,1)} \oplus 650V^{(1),(2,2)} \oplus 650V^{(1),(2,1,1)} \oplus 204V^{(1),(3,2)} \oplus 204V^{(1),(3,1,1)} \oplus 256V^{(1),(2,2,1)} \oplus 3V^{(1),(3,2,1)} \oplus 3V^{(1),(2,2,2)} \oplus 336V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1616V^{(2),(2)} \oplus 1616V^{(2),(1,1)} \oplus$

Table 85: Table for $\lambda = (4,2,1)$, $\mu = (3,2,1,1)$:

$k = 14: \quad 373V^{\varnothing,\varnothing}$
$k = 13: \quad 9905V^{\varnothing,\varnothing} \oplus 867V^{\varnothing,(1)} \oplus 867V^{(1),\varnothing}$
$k = 12: \quad 17740V^{\varnothing,\varnothing} \oplus 10480V^{\varnothing,(1)} \oplus 203V^{\varnothing,(2)} \oplus 205V^{\varnothing,(1,1)} \oplus 10480V^{(1),\varnothing} \oplus 2303V^{(1),(1)} \oplus 205V^{(2),\varnothing} \oplus 203V^{(1,1),\varnothing}$
$k = 11: \quad 18307V^{\varnothing,\varnothing} \oplus 17298V^{\varnothing,(1)} \oplus 3810V^{\varnothing,(2)} \oplus 4018V^{\varnothing,(1,1)} \oplus 40V^{\varnothing,(3)} \oplus 52V^{\varnothing,(2,1)} \oplus 49V^{\varnothing,(1,1,1)} \oplus 17298V^{(1),\varnothing} \oplus 14432V^{(1),(1)} \oplus 767V^{(1),(2)} \oplus 773V^{(1),(1,1)} \oplus 4018V^{(2),\varnothing} \oplus 773V^{(2),(1)} \oplus 3810V^{(1,1),\varnothing} \oplus 767V^{(1,1),(1)} \oplus 49V^{(3),\varnothing} \oplus 52V^{(2,1),\varnothing} \oplus 40V^{(1,1,1),\varnothing}$
$k = 10:$ $14255V^{\varnothing,\varnothing} \oplus 16142V^{\varnothing,(1)} \oplus 5782V^{\varnothing,(2)} \oplus 6082V^{\varnothing,(1,1)} \oplus 982V^{\varnothing,(3)} \oplus 1858V^{\varnothing,(2,1)} \oplus 1450V^{\varnothing,(1,1,1)} \oplus 12V^{\varnothing,(3,1)} \oplus 12V^{\varnothing,(2,2)} \oplus 15V^{\varnothing,(2,1,1)} \oplus 11V^{\varnothing,(1,1,1,1)} \oplus 16142V^{(1),\varnothing} \oplus 21662V^{(1),(1)} \oplus 5080V^{(1),(2)} \oplus 5320V^{(1),(1,1)} \oplus 159V^{(1),(3)} \oplus 199V^{(1),(2,1)} \oplus 191V^{(1),(1,1,1)} \oplus 6082V^{(2),\varnothing} \oplus 5320V^{(2),(1)} \oplus 461V^{(2),(2)} \oplus 469V^{(2),(1,1)} \oplus 5782V^{(1,1),\varnothing} \oplus 5080V^{(1,1),(1)} \oplus 455V^{(1,1),(2)} \oplus 461V^{(1,1),(1,1)} \oplus 1450V^{(3),\varnothing} \oplus 191V^{(3),(1)} \oplus 1858V^{(2,1),\varnothing} \oplus 199V^{(2,1),(1)} \oplus 982V^{(1,1,1),\varnothing} \oplus 159V^{(1,1,1),(1)} \oplus 11V^{(4),\varnothing} \oplus 15V^{(3,1),\varnothing} \oplus 12V^{(2,2),\varnothing} \oplus 12V^{(2,1,1),\varnothing}$
$k = 9: \quad 8235V^{\varnothing,\varnothing} \oplus 11665V^{\varnothing,(1)} \oplus 4520V^{\varnothing,(2)} \oplus 4680V^{\varnothing,(1,1)} \oplus 1280V^{\varnothing,(3)} \oplus 2380V^{\varnothing,(2,1)} \oplus 1830V^{\varnothing,(1,1,1)} \oplus 548V^{\varnothing,(3,1)} \oplus 548V^{\varnothing,(2,2)} \oplus 752V^{\varnothing,(2,1,1)} \oplus 396V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(3,2)} \oplus 4V^{\varnothing,(3,1,1)} \oplus 4V^{\varnothing,(2,2,1)} \oplus 4V^{\varnothing,(2,1,1,1)} \oplus 11665V^{(1),\varnothing} \oplus 18404V^{(1),(1)} \oplus 7098V^{(1),(2)} \oplus 7422V^{(1),(1,1)} \oplus 1400V^{(1),(3)} \oplus 2152V^{(1),(2,1)} \oplus 1824V^{(1),(1,1,1)} \oplus 41V^{(1),(3,1)} \oplus 41V^{(1),(2,2)} \oplus 49V^{(1),(2,1,1)} \oplus 39V^{(1),(1,1,1,1)} \oplus 4680V^{(2),\varnothing} \oplus 7422V^{(2),(1)} \oplus 2060V^{(2),(2)} \oplus 2188V^{(2),(1,1)} \oplus 139V^{(2),(3)} \oplus 183V^{(2),(2,1)} \oplus 173V^{(2),(1,1,1)} \oplus 4520V^{(1,1),\varnothing} \oplus 7098V^{(1,1),(1)} \oplus 1964V^{(1,1),(2)} \oplus 2060V^{(1,1),(1,1)} \oplus 135V^{(1,1),(3)} \oplus 175V^{(1,1),(2,1)} \oplus 167V^{(1,1),(1,1,1)} \oplus 1830V^{(3),\varnothing} \oplus 1824V^{(3),(1)} \oplus 167V^{(3),(2)} \oplus 173V^{(3),(1,1)} \oplus 2380V^{(2,1),\varnothing} \oplus 2152V^{(2,1),(1)} \oplus 175V^{(2,1),(2)} \oplus 183V^{(2,1),(1,1)} \oplus 1280V^{(1,1,1),\varnothing} \oplus 1400V^{(1,1,1),(1)} \oplus 135V^{(1,1,1),(2)} \oplus 139V^{(1,1,1),(1,1)} \oplus 396V^{(4),\varnothing} \oplus 39V^{(4),(1)} \oplus 752V^{(3,1),\varnothing} \oplus 49V^{(3,1),(1)} \oplus 548V^{(2,2),\varnothing} \oplus 41V^{(2,2),(1)} \oplus 548V^{(2,1,1),\varnothing} \oplus 41V^{(2,1,1),(1)} \oplus 4V^{(4,1),\varnothing} \oplus 4V^{(3,2),\varnothing} \oplus 4V^{(3,1,1),\varnothing} \oplus 3V^{(2,2,1),\varnothing}$
$k = 8: \quad 1945V^{\varnothing,\varnothing} \oplus 5640V^{\varnothing,(1)} \oplus 2511V^{\varnothing,(2)} \oplus 2511V^{\varnothing,(1,1)} \oplus 820V^{\varnothing,(3)} \oplus 1340V^{\varnothing,(2,1)} \oplus 1080V^{\varnothing,(1,1,1)} \oplus 510V^{\varnothing,(3,1)} \oplus 510V^{\varnothing,(2,2)} \oplus 660V^{\varnothing,(2,1,1)} \oplus 360V^{\varnothing,(1,1,1,1)} \oplus 146V^{\varnothing,(3,2)} \oplus 222V^{\varnothing,(3,1,1)} \oplus 222V^{\varnothing,(2,2,1)} \oplus 222V^{\varnothing,(2,1,1,1)} \oplus V^{\varnothing,(3,2,1)} \oplus V^{\varnothing,(3,1,1,1)} \oplus V^{\varnothing,(2,2,1,1)} \oplus 5640V^{(1),\varnothing} \oplus 12068V^{(1),(1)} \oplus 5280V^{(1),(2)} \oplus 5424V^{(1),(1,1)} \oplus 1866V^{(1),(3)} \oplus 2682V^{(1),(2,1)} \oplus 2274V^{(1),(1,1,1)} \oplus 632V^{(1),(3,1)} \oplus 632V^{(1),(2,2)} \oplus 796V^{(1),(2,1,1)} \oplus 528V^{(1),(1,1,1,1)} \oplus 9V^{(1),(3,2)} \oplus 11V^{(1),(3,1,1)} \oplus 11V^{(1),(2,2,1)} \oplus 11V^{(1),(2,1,1,1)} \oplus 2511V^{(2),\varnothing} \oplus 5424V^{(2),(1)} \oplus 2522V^{(2),(2)} \oplus 2666V^{(2),(1,1)} \oplus 564V^{(2),(3)} \oplus 900V^{(2),(2,1)} \oplus 756V^{(2),(1,1,1)} \oplus 45V^{(2),(3,1)} \oplus 45V^{(2),(2,2)} \oplus 55V^{(2),(2,1,1)} \oplus 43V^{(2),(1,1,1,1)} \oplus 2511V^{(1,1),\varnothing} \oplus 5280V^{(1,1),(1)} \oplus 2414V^{(1,1),(2)} \oplus 2522V^{(1,1),(1,1)} \oplus 532V^{(1,1),(3)} \oplus 836V^{(1,1),(2,1)} \oplus 708V^{(1,1),(1,1,1)} \oplus 41V^{(1,1),(3,1)} \oplus 41V^{(1,1),(2,2)} \oplus 49V^{(1,1),(2,1,1)} \oplus 39V^{(1,1),(1,1,1,1)} \oplus 1080V^{(3),\varnothing} \oplus 2274V^{(3),(1)} \oplus 708V^{(3),(2)} \oplus 756V^{(3),(1,1)} \oplus 75V^{(3),(3)} \oplus 109V^{(3),(2,1)} \oplus 101V^{(3),(1,1,1)} \oplus 1340V^{(2,1),\varnothing} \oplus 2682V^{(2,1),(1)} \oplus 836V^{(2,1),(2)} \oplus 900V^{(2,1),(1,1)} \oplus 80V^{(2,1),(3)} \oplus 120V^{(2,1),(2,1)} \oplus 109V^{(2,1),(1,1,1)} \oplus 820V^{(1,1,1),\varnothing} \oplus 1866V^{(1,1,1),(1)} \oplus 532V^{(1,1,1),(2)} \oplus 564V^{(1,1,1),(1,1)} \oplus 58V^{(1,1,1),(3)} \oplus 80V^{(1,1,1),(2,1)} \oplus 75V^{(1,1,1),(1,1,1)} \oplus 360V^{(4),\varnothing} \oplus 528V^{(4),(1)} \oplus 39V^{(4),(2)} \oplus 43V^{(4),(1,1)} \oplus 660V^{(3,1),\varnothing} \oplus 796V^{(3,1),(1)} \oplus 49V^{(3,1),(2)} \oplus 55V^{(3,1),(1,1)} \oplus 510V^{(2,2),\varnothing} \oplus 632V^{(2,2),(1)} \oplus 41V^{(2,2),(2)} \oplus 45V^{(2,2),(1,1)} \oplus 510V^{(2,1,1),\varnothing} \oplus 632V^{(2,1,1),(1)} \oplus 41V^{(2,1,1),(2)} \oplus 45V^{(2,1,1),(1,1)} \oplus 222V^{(4,1),\varnothing} \oplus 11V^{(4,1),(1)} \oplus 222V^{(3,2),\varnothing} \oplus 11V^{(3,2),(1)} \oplus 222V^{(3,1,1),\varnothing} \oplus 11V^{(3,1,1),(1)} \oplus 146V^{(2,2,1),\varnothing} \oplus 9V^{(2,2,1),(1)} \oplus V^{(4,2),\varnothing} \oplus V^{(4,1,1),\varnothing} \oplus V^{(3,2,1),\varnothing}$
$k = 7: \quad 1225V^{\varnothing,(1)} \oplus 700V^{\varnothing,(2)} \oplus 700V^{\varnothing,(1,1)} \oplus 315V^{\varnothing,(3)} \oplus 315V^{\varnothing,(2,1)} \oplus 315V^{\varnothing,(1,1,1)} \oplus 140V^{\varnothing,(3,1)} \oplus 140V^{\varnothing,(2,2)} \oplus 140V^{\varnothing,(2,1,1)} \oplus 140V^{\varnothing,(1,1,1,1)} \oplus 70V^{\varnothing,(3,2)} \oplus 70V^{\varnothing,(3,1,1)} \oplus 70V^{\varnothing,(2,2,1)} \oplus 70V^{\varnothing,(2,1,1,1)} \oplus 35V^{\varnothing,(3,2,1)} \oplus 35V^{\varnothing,(3,1,1,1)} \oplus 35V^{\varnothing,(2,2,1,1)} \oplus 1225V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1200V^{(1),(3)} \oplus 1520V^{(1),(2,1)} \oplus$

Table 86: Table for $\lambda = (4,2,1)$, $\mu = (3,1,1,1,1)$:

$k = 14: \quad 63V^{\varnothing,\varnothing}$
$k = 13: \quad 8685V^{\varnothing,\varnothing} \oplus 736V^{\varnothing,(1)} \oplus 392V^{(1),\varnothing}$
$k = 12: \quad 16168V^{\varnothing,\varnothing} \oplus 9852V^{\varnothing,(1)} \oplus 166V^{\varnothing,(2)} \oplus 174V^{\varnothing,(1,1)} \oplus 8538V^{(1),\varnothing} \oplus 1823V^{(1),(1)} \oplus 144V^{(2),\varnothing} \oplus 142V^{(1,1),\varnothing}$
$k = 11: \quad 16183V^{\varnothing,\varnothing} \oplus 16836V^{\varnothing,(1)} \oplus 3270V^{\varnothing,(2)} \oplus 3598V^{\varnothing,(1,1)} \oplus 32V^{\varnothing,(3)} \oplus 41V^{\varnothing,(2,1)} \oplus 43V^{\varnothing,(1,1,1)} \oplus 14202V^{(1),\varnothing} \oplus 13304V^{(1),(1)} \oplus 617V^{(1),(2)} \oplus 647V^{(1),(1,1)} \oplus 3450V^{(2),\varnothing} \oplus 557V^{(2),(1)} \oplus 3242V^{(1,1),\varnothing} \oplus 551V^{(1,1),(1)} \oplus 45V^{(3),\varnothing} \oplus 48V^{(2,1),\varnothing} \oplus 36V^{(1,1,1),\varnothing}$
$k = 10: \quad 11630V^{\varnothing,\varnothing} \oplus 15998V^{\varnothing,(1)} \oplus 5266V^{\varnothing,(2)} \oplus 5674V^{\varnothing,(1,1)} \oplus 818V^{\varnothing,(3)} \oplus 1286V^{\varnothing,(2,1)} \oplus 1390V^{\varnothing,(1,1,1)} \oplus 9V^{\varnothing,(3,1)} \oplus 12V^{\varnothing,(2,1,1)} \oplus 12V^{\varnothing,(1,1,1,1)} \oplus 12422V^{(1),\varnothing} \oplus 21038V^{(1),(1)} \oplus 4264V^{(1),(2)} \oplus 4696V^{(1),(1,1)} \oplus 129V^{(1),(3)} \oplus 161V^{(1),(2,1)} \oplus 167V^{(1),(1,1,1)} \oplus 5082V^{(2),\varnothing} \oplus 4984V^{(2),(1)} \oplus 333V^{(2),(2)} \oplus 365V^{(2),(1,1)} \oplus 4782V^{(1,1),\varnothing} \oplus 4744V^{(1,1),(1)} \oplus 329V^{(1,1),(2)} \oplus 359V^{(1,1),(1,1)} \oplus 1250V^{(3),\varnothing} \oplus 149V^{(3),(1)} \oplus 1658V^{(2,1),\varnothing} \oplus 157V^{(2,1),(1)} \oplus 782V^{(1,1,1),\varnothing} \oplus 123V^{(1,1,1),(1)} \oplus 11V^{(4),\varnothing} \oplus 15V^{(3,1),\varnothing} \oplus 12V^{(2,2),\varnothing} \oplus 12V^{(2,1,1),\varnothing}$
$k = 9: \quad 5085V^{\varnothing,\varnothing} \oplus 11665V^{\varnothing,(1)} \oplus 4360V^{\varnothing,(2)} \oplus 4520V^{\varnothing,(1,1)} \oplus 1180V^{\varnothing,(3)} \oplus 1730V^{\varnothing,(2,1)} \oplus 1830V^{\varnothing,(1,1,1)} \oplus 344V^{\varnothing,(3,1)} \oplus 548V^{\varnothing,(2,1,1)} \oplus 548V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(3,1,1)} \oplus 4V^{\varnothing,(2,1,1,1)} \oplus 3V^{\varnothing,(1,1,1,1,1)} \oplus 7425V^{(1),\varnothing} \oplus 18260V^{(1),(1)} \oplus 6486V^{(1),(2)} \oplus 6954V^{(1),(1,1)} \oplus 1184V^{(1),(3)} \oplus 1608V^{(1),(2,1)} \oplus 1728V^{(1),(1,1,1)} \oplus 33V^{(1),(3,1)} \oplus 41V^{(1),(2,1,1)} \oplus 41V^{(1),(1,1,1,1)} \oplus 3560V^{(2),\varnothing} \oplus 7278V^{(2),(1)} \oplus 1668V^{(2),(2)} \oplus 1892V^{(2),(1,1)} \oplus 107V^{(2),(3)} \oplus 141V^{(2),(2,1)} \oplus 149V^{(2),(1,1,1)} \oplus 3400V^{(1,1),\varnothing} \oplus 6954V^{(1,1),(1)} \oplus 1604V^{(1,1),(2)} \oplus 1796V^{(1,1),(1,1)} \oplus 105V^{(1,1),(3)} \oplus 137V^{(1,1),(2,1)} \oplus 143V^{(1,1),(1,1,1)} \oplus 1470V^{(3),\varnothing} \oplus 1752V^{(3),(1)} \oplus 101V^{(3),(2)} \oplus 125V^{(3),(1,1)} \oplus 2020V^{(2,1),\varnothing} \oplus 2080V^{(2,1),(1)} \oplus 107V^{(2,1),(2)} \oplus 133V^{(2,1),(1,1)} \oplus 920V^{(1,1,1),\varnothing} \oplus 1352V^{(1,1,1),(1)} \oplus 83V^{(1,1,1),(2)} \oplus 99V^{(1,1,1),(1,1)} \oplus 316V^{(4),\varnothing} \oplus 33V^{(4),(1)} \oplus 672V^{(3,1),\varnothing} \oplus 43V^{(3,1),(1)} \oplus 468V^{(2,2),\varnothing} \oplus 35V^{(2,2),(1)} \oplus 468V^{(2,1,1),\varnothing} \oplus 35V^{(2,1,1),(1)} \oplus 4V^{(4,1),\varnothing} \oplus 4V^{(3,2),\varnothing} \oplus 4V^{(3,1,1),\varnothing} \oplus 3V^{(2,2,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 5640V^{\varnothing,(1)} \oplus 2511V^{\varnothing,(2)} \oplus 2511V^{\varnothing,(1,1)} \oplus 820V^{\varnothing,(3)} \oplus 1080V^{\varnothing,(2,1)} \oplus 1080V^{\varnothing,(1,1,1)} \oplus 360V^{\varnothing,(3,1)} \oplus 510V^{\varnothing,(2,1,1)} \oplus 510V^{\varnothing,(1,1,1,1)} \oplus 146V^{\varnothing,(3,1,1)} \oplus 222V^{\varnothing,(2,1,1,1)} \oplus 146V^{\varnothing,(1,1,1,1,1)} \oplus V^{\varnothing,(3,1,1,1)} \oplus V^{\varnothing,(2,1,1,1,1)} \oplus 2430V^{(1),\varnothing} \oplus 12068V^{(1),(1)} \oplus 5136V^{(1),(2)} \oplus 5280V^{(1),(1,1)} \oplus 1758V^{(1),(3)} \oplus 2166V^{(1),(2,1)} \oplus 2274V^{(1),(1,1,1)} \oplus 468V^{(1),(3,1)} \oplus 632V^{(1),(2,1,1)} \oplus 632V^{(1),(1,1,1,1)} \oplus 9V^{(1),(3,1,1)} \oplus 11V^{(1),(2,1,1,1)} \oplus 9V^{(1),(1,1,1,1,1)} \oplus 1461V^{(2),\varnothing} \oplus 5424V^{(2),(1)} \oplus 2282V^{(2),(2)} \oplus 2474V^{(2),(1,1)} \oplus 452V^{(2),(3)} \oplus 644V^{(2),(2,1)} \oplus 708V^{(2),(1,1,1)} \oplus 35V^{(2),(3,1)} \oplus 45V^{(2),(2,1,1)} \oplus 45V^{(2),(1,1,1,1)} \oplus 1461V^{(1,1),\varnothing} \oplus 5280V^{(1,1),(1)} \oplus 2210V^{(1,1),(2)} \oplus 2366V^{(1,1),(1,1)} \oplus 436V^{(1,1),(3)} \oplus 612V^{(1,1),(2,1)} \oplus 660V^{(1,1),(1,1,1)} \oplus 33V^{(1,1),(3,1)} \oplus 41V^{(1,1),(2,1,1)} \oplus 41V^{(1,1),(1,1,1,1)} \oplus 760V^{(3),\varnothing} \oplus 2274V^{(3),(1)} \oplus 588V^{(3),(2)} \oplus 672V^{(3),(1,1)} \oplus 51V^{(3),(3)} \oplus 77V^{(3),(2,1)} \oplus 83V^{(3),(1,1,1)} \oplus 1020V^{(2,1),\varnothing} \oplus 2682V^{(2,1),(1)} \oplus 700V^{(2,1),(2)} \oplus 800V^{(2,1),(1,1)} \oplus 54V^{(2,1),(3)} \oplus 83V^{(2,1),(2,1)} \oplus 91V^{(2,1),(1,1,1)} \oplus 500V^{(1,1,1),\varnothing} \oplus 1866V^{(1,1,1),(1)} \oplus 452V^{(1,1,1),(2)} \oplus 508V^{(1,1,1),(1,1)} \oplus 42V^{(1,1,1),(3)} \oplus 59V^{(1,1,1),(2,1)} \oplus 63V^{(1,1,1),(1,1,1)} \oplus 240V^{(4),\varnothing} \oplus 528V^{(4),(1)} \oplus 23V^{(4),(2)} \oplus 33V^{(4),(1,1)} \oplus 540V^{(3,1),\varnothing} \oplus 796V^{(3,1),(1)} \oplus 31V^{(3,1),(2)} \oplus 43V^{(3,1),(1,1)} \oplus 390V^{(2,2),\varnothing} \oplus 632V^{(2,2),(1)} \oplus 25V^{(2,2),(2)} \oplus 35V^{(2,2),(1,1)} \oplus 390V^{(2,1,1),\varnothing} \oplus 632V^{(2,1,1),(1)} \oplus 25V^{(2,1,1),(2)} \oplus 35V^{(2,1,1),(1,1)} \oplus 182V^{(4,1),\varnothing} \oplus 11V^{(4,1),(1)} \oplus 182V^{(3,2),\varnothing} \oplus 11V^{(3,2),(1)} \oplus 182V^{(3,1,1),\varnothing} \oplus 11V^{(3,1,1),(1)} \oplus 106V^{(2,2,1),\varnothing} \oplus 9V^{(2,2,1),(1)} \oplus V^{(4,2),\varnothing} \oplus V^{(4,1,1),\varnothing} \oplus V^{(3,2,1),\varnothing}$
$k = 7: \quad 1225V^{\varnothing,(1)} \oplus 700V^{\varnothing,(2)} \oplus 700V^{\varnothing,(1,1)} \oplus 315V^{\varnothing,(3)} \oplus 315V^{\varnothing,(2,1)} \oplus 315V^{\varnothing,(1,1,1)} \oplus 140V^{\varnothing,(3,1)} \oplus 140V^{\varnothing,(2,1,1)} \oplus 140V^{\varnothing,(1,1,1,1)} \oplus 70V^{\varnothing,(3,1,1)} \oplus 70V^{\varnothing,(2,1,1,1)} \oplus 70V^{\varnothing,(1,1,1,1,1)} \oplus 35V^{\varnothing,(3,1,1,1)} \oplus 35V^{\varnothing,(2,1,1,1,1)} \oplus 225V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1200V^{(1),(3)} \oplus 1360V^{(1),(2,1)} \oplus 1360V^{(1),(1,1,1)} \oplus 550V^{(1),(3,1)} \oplus 650V^{(1),(2,1,1)} \oplus 650V^{(1),(1,1,1,1)} \oplus 204V^{(1),(3,1,1)} \oplus 256V^{(1),(2,1,1,1)} \oplus 204V^{(1),(1,1,1,1,1)} \oplus 3V^{(1),(3,1,1,1)} \oplus 3V^{(1),(2,1,1,1,1)} \oplus 165V^{(2),\varnothing} \oplus$

Table 87: Table for $\lambda = (4,2,1)$, $\mu = (2,2,2,1)$:

$k = 14: \quad 46V^{\varnothing,\varnothing}$
$k = 13: \quad 8426V^{\varnothing,\varnothing} \oplus 711V^{\varnothing,(1)} \oplus 313V^{(1),\varnothing}$
$k = 12: \quad 15824V^{\varnothing,\varnothing} \oplus 9148V^{\varnothing,(1)} \oplus 165V^{\varnothing,(2)} \oplus 168V^{\varnothing,(1,1)} \oplus 8070V^{(1),\varnothing} \oplus 1721V^{(1),(1)} \oplus 113V^{(2),\varnothing} \oplus 111V^{(1,1),\varnothing}$
$k = 11: \quad 15462V^{\varnothing,\varnothing} \oplus 15798V^{\varnothing,(1)} \oplus 2510V^{\varnothing,(2)} \oplus 3478V^{\varnothing,(1,1)} \oplus 41V^{\varnothing,(2,1)} \oplus 41V^{\varnothing,(1,1,1)} \oplus 13716V^{(1),\varnothing} \oplus 12320V^{(1),(1)} \oplus 615V^{(1),(2)} \oplus 623V^{(1),(1,1)} \oplus 3284V^{(2),\varnothing} \oplus 477V^{(2),(1)} \oplus 3076V^{(1,1),\varnothing} \oplus 473V^{(1,1),(1)} \oplus 37V^{(3),\varnothing} \oplus 40V^{(2,1),\varnothing} \oplus 29V^{(1,1,1),\varnothing}$
$k = 10: \quad 11536V^{\varnothing,\varnothing} \oplus 15358V^{\varnothing,(1)} \oplus 3916V^{\varnothing,(2)} \oplus 5566V^{\varnothing,(1,1)} \oplus 1286V^{\varnothing,(2,1)} \oplus 1286V^{\varnothing,(1,1,1)} \oplus 11V^{\varnothing,(2,2)} \oplus 12V^{\varnothing,(2,1,1)} \oplus 9V^{\varnothing,(1,1,1,1)} \oplus 11356V^{(1),\varnothing} \oplus 19874V^{(1),(1)} \oplus 3744V^{(1),(2)} \oplus 4504V^{(1),(1,1)} \oplus 161V^{(1),(2,1)} \oplus 161V^{(1),(1,1,1)} \oplus 4960V^{(2),\varnothing} \oplus 4520V^{(2),(1)} \oplus 331V^{(2),(2)} \oplus 341V^{(2),(1,1)} \oplus 4660V^{(1,1),\varnothing} \oplus 4360V^{(1,1),(1)} \oplus 327V^{(1,1),(2)} \oplus 335V^{(1,1),(1,1)} \oplus 1210V^{(3),\varnothing} \oplus 119V^{(3),(1)} \oplus 1618V^{(2,1),\varnothing} \oplus 125V^{(2,1),(1)} \oplus 752V^{(1,1,1),\varnothing} \oplus 95V^{(1,1,1),(1)} \oplus 10V^{(4),\varnothing} \oplus 14V^{(3,1),\varnothing} \oplus 11V^{(2,2),\varnothing} \oplus 11V^{(2,1,1),\varnothing}$
$k = 9: \quad 5050V^{\varnothing,\varnothing} \oplus 11425V^{\varnothing,(1)} \oplus 3320V^{\varnothing,(2)} \oplus 4520V^{\varnothing,(1,1)} \oplus 1730V^{\varnothing,(2,1)} \oplus 1730V^{\varnothing,(1,1,1)} \oplus 396V^{\varnothing,(2,2)} \oplus 548V^{\varnothing,(2,1,1)} \oplus 344V^{\varnothing,(1,1,1,1)} \oplus 4V^{\varnothing,(2,2,1)} \oplus 3V^{\varnothing,(2,1,1,1)} \oplus 7136V^{(1),\varnothing} \oplus 17684V^{(1),(1)} \oplus 5586V^{(1),(2)} \oplus 6810V^{(1),(1,1)} \oplus 1608V^{(1),(2,1)} \oplus 1608V^{(1),(1,1,1)} \oplus 39V^{(1),(2,2)} \oplus 41V^{(1),(2,1,1)} \oplus 33V^{(1),(1,1,1,1)} \oplus 3280V^{(2),\varnothing} \oplus 6846V^{(2),(1)} \oplus 1468V^{(2),(2)} \oplus 1796V^{(2),(1,1)} \oplus 141V^{(2),(2,1)} \oplus 141V^{(2),(1,1,1)} \oplus 3120V^{(1,1),\varnothing} \oplus 6630V^{(1,1),(1)} \oplus 1404V^{(1,1),(2)} \oplus 1700V^{(1,1),(1,1)} \oplus 137V^{(1,1),(2,1)} \oplus 137V^{(1,1),(1,1,1)} \oplus 1452V^{(3),\varnothing} \oplus 1632V^{(3),(1)} \oplus 99V^{(3),(2)} \oplus 107V^{(3),(1,1)} \oplus 2002V^{(2,1),\varnothing} \oplus 1920V^{(2,1),(1)} \oplus 104V^{(2,1),(2)} \oplus 115V^{(2,1),(1,1)} \oplus 902V^{(1,1,1),\varnothing} \oplus 1272V^{(1,1,1),(1)} \oplus 82V^{(1,1,1),(2)} \oplus 87V^{(1,1,1),(1,1)} \oplus 312V^{(4),\varnothing} \oplus 29V^{(4),(1)} \oplus 668V^{(3,1),\varnothing} \oplus 37V^{(3,1),(1)} \oplus 464V^{(2,2),\varnothing} \oplus 31V^{(2,2),(1)} \oplus 464V^{(2,1,1),\varnothing} \oplus 31V^{(2,1,1),(1)} \oplus 4V^{(4,1),\varnothing} \oplus 4V^{(3,2),\varnothing} \oplus 4V^{(3,1,1),\varnothing} \oplus 3V^{(2,2,1),\varnothing}$
$k = 8:$ $720V^{\varnothing,\varnothing} \oplus 5640V^{\varnothing,(1)} \oplus 2043V^{\varnothing,(2)} \oplus 2511V^{\varnothing,(1,1)} \oplus 1080V^{\varnothing,(2,1)} \oplus 1080V^{\varnothing,(1,1,1)} \oplus 360V^{\varnothing,(2,2)} \oplus 510V^{\varnothing,(2,1,1)} \oplus 360V^{\varnothing,(1,1,1,1)} \oplus 222V^{\varnothing,(2,2,1)} \oplus 146V^{\varnothing,(2,1,1,1)} \oplus V^{\varnothing,(2,2,2)} \oplus V^{\varnothing,(2,2,1,1)} \oplus 2196V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 4496V^{(1),(2)} \oplus 5280V^{(1),(1,1)} \oplus 2166V^{(1),(2,1)} \oplus 2166V^{(1),(1,1,1)} \oplus 528V^{(1),(2,2)} \oplus 632V^{(1),(2,1,1)} \oplus 468V^{(1),(1,1,1,1)} \oplus 11V^{(1),(2,2,1)} \oplus 9V^{(1),(2,1,1,1)} \oplus 1356V^{(2),\varnothing} \oplus 5232V^{(2),(1)} \oplus 1958V^{(2),(2)} \oplus 2426V^{(2),(1,1)} \oplus 644V^{(2),(2,1)} \oplus 644V^{(2),(1,1,1)} \oplus 43V^{(2),(2,2)} \oplus 45V^{(2),(2,1,1)} \oplus 35V^{(2),(1,1,1,1)} \oplus 1356V^{(1,1),\varnothing} \oplus 5136V^{(1,1),(1)} \oplus 1886V^{(1,1),(2)} \oplus 2318V^{(1,1),(1,1)} \oplus 612V^{(1,1),(2,1)} \oplus 612V^{(1,1),(1,1,1)} \oplus 39V^{(1,1),(2,2)} \oplus 41V^{(1,1),(2,1,1)} \oplus 33V^{(1,1),(1,1,1,1)} \oplus 688V^{(3),\varnothing} \oplus 2166V^{(3),(1)} \oplus 508V^{(3),(2)} \oplus 636V^{(3),(1,1)} \oplus 77V^{(3),(2,1)} \oplus 77V^{(3),(1,1,1)} \oplus 948V^{(2,1),\varnothing} \oplus 2538V^{(2,1),(1)} \oplus 580V^{(2,1),(2)} \oplus 764V^{(2,1),(1,1)} \oplus 83V^{(2,1),(2,1)} \oplus 83V^{(2,1),(1,1,1)} \oplus 428V^{(1,1,1),\varnothing} \oplus 1794V^{(1,1,1),(1)} \oplus 412V^{(1,1,1),(2)} \oplus 484V^{(1,1,1),(1,1)} \oplus 59V^{(1,1,1),(2,1)} \oplus 59V^{(1,1,1),(1,1,1)} \oplus 234V^{(4),\varnothing} \oplus 488V^{(4),(1)} \oplus 22V^{(4),(2)} \oplus 27V^{(4),(1,1)} \oplus 534V^{(3,1),\varnothing} \oplus 736V^{(3,1),(1)} \oplus 28V^{(3,1),(2)} \oplus 37V^{(3,1),(1,1)} \oplus 384V^{(2,2),\varnothing} \oplus 592V^{(2,2),(1)} \oplus 23V^{(2,2),(2)} \oplus 29V^{(2,2),(1,1)} \oplus 384V^{(2,1,1),\varnothing} \oplus 592V^{(2,1,1),(1)} \oplus 23V^{(2,1,1),(2)} \oplus 29V^{(2,1,1),(1,1)} \oplus 180V^{(4,1),\varnothing} \oplus 9V^{(4,1),(1)} \oplus 180V^{(3,2),\varnothing} \oplus 9V^{(3,2),(1)} \oplus 180V^{(3,1,1),\varnothing} \oplus 9V^{(3,1,1),(1)} \oplus 104V^{(2,2,1),\varnothing} \oplus 7V^{(2,2,1),(1)} \oplus V^{(4,2),\varnothing} \oplus V^{(4,1,1),\varnothing} \oplus V^{(3,2,1),\varnothing}$
$k = 7: \quad 1225V^{\varnothing,(1)} \oplus 700V^{\varnothing,(2)} \oplus 700V^{\varnothing,(1,1)} \oplus 315V^{\varnothing,(2,1)} \oplus 315V^{\varnothing,(1,1,1)} \oplus 140V^{\varnothing,(2,2)} \oplus 140V^{\varnothing,(2,1,1)} \oplus 140V^{\varnothing,(1,1,1,1)} \oplus 70V^{\varnothing,(2,2,1)} \oplus 70V^{\varnothing,(2,1,1,1)} \oplus 35V^{\varnothing,(2,2,2)} \oplus 35V^{\varnothing,(2,2,1,1)} \oplus 196V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2580V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1360V^{(1),(2,1)} \oplus 1360V^{(1),(1,1,1)} \oplus 550V^{(1),(2,2)} \oplus 650V^{(1),(2,1,1)} \oplus 550V^{(1),(1,1,1,1)} \oplus 256V^{(1),(2,2,1)} \oplus 204V^{(1),(2,1,1,1)} \oplus 3V^{(1),(2,2,2)} \oplus 3V^{(1),(2,2,1,1)} \oplus 126V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1376V^{(2),(2)} \oplus 1616V^{(2),(1,1)} \oplus 762V^{(2),(2,1)} \oplus 762V^{(2),(1,1,1)} \oplus 208V^{(2),(2,2)} \oplus 248V^{(2),(2,1,1)} \oplus 176V^{(2),(1,1,1,1)} \oplus 13V^{(2),(2,2,1)} \oplus 11V^{(2),(2,1,1,1)} \oplus 126V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1352V^{(1,1),(2)} \oplus 1580V^{(1,1),(1,1)} \oplus 738V^{(1,1),(2,1)} \oplus 738V^{(1,1),(1,1,1)} \oplus$

Table 88: Table for $\lambda = (4,2,1)$, $\mu = (2,2,1,1,1)$:

$k = 14: \quad 46V^{\varnothing,\varnothing}$
$k = 13: \quad 8426V^{\varnothing,\varnothing} \oplus 734V^{\varnothing,(1)} \oplus 316V^{(1),\varnothing}$
$k = 12: \quad 15824V^{\varnothing,\varnothing} \oplus 9332V^{\varnothing,(1)} \oplus 165V^{\varnothing,(2)} \oplus 174V^{\varnothing,(1,1)} \oplus 8076V^{(1),\varnothing} \oplus 1817V^{(1),(1)} \oplus 114V^{(2),\varnothing} \oplus 112V^{(1,1),\varnothing}$
$k = 11: \quad 15462V^{\varnothing,\varnothing} \oplus 15936V^{\varnothing,(1)} \oplus 2510V^{\varnothing,(2)} \oplus 3598V^{\varnothing,(1,1)} \oplus 41V^{\varnothing,(2,1)} \oplus 43V^{\varnothing,(1,1,1)} \oplus 13716V^{(1),\varnothing} \oplus 12704V^{(1),(1)} \oplus 615V^{(1),(2)} \oplus 647V^{(1),(1,1)} \oplus 3284V^{(2),\varnothing} \oplus 549V^{(2),(1)} \oplus 3076V^{(1,1),\varnothing} \oplus 545V^{(1,1),(1)} \oplus 37V^{(3),\varnothing} \oplus 40V^{(2,1),\varnothing} \oplus 29V^{(1,1,1),\varnothing}$
$k = 10: \quad 11536V^{\varnothing,\varnothing} \oplus 15358V^{\varnothing,(1)} \oplus 3916V^{\varnothing,(2)} \oplus 5674V^{\varnothing,(1,1)} \oplus 1286V^{\varnothing,(2,1)} \oplus 1390V^{\varnothing,(1,1,1)} \oplus 9V^{\varnothing,(2,2)} \oplus 12V^{\varnothing,(2,1,1)} \oplus 12V^{\varnothing,(1,1,1,1)} \oplus 11356V^{(1),\varnothing} \oplus 20066V^{(1),(1)} \oplus 3744V^{(1),(2)} \oplus 4696V^{(1),(1,1)} \oplus 161V^{(1),(2,1)} \oplus 167V^{(1),(1,1,1)} \oplus 4960V^{(2),\varnothing} \oplus 4664V^{(2),(1)} \oplus 331V^{(2),(2)} \oplus 365V^{(2),(1,1)} \oplus 4660V^{(1,1),\varnothing} \oplus 4504V^{(1,1),(1)} \oplus 327V^{(1,1),(2)} \oplus 359V^{(1,1),(1,1)} \oplus 1210V^{(3),\varnothing} \oplus 143V^{(3),(1)} \oplus 1618V^{(2,1),\varnothing} \oplus 149V^{(2,1),(1)} \oplus 752V^{(1,1,1),\varnothing} \oplus 119V^{(1,1,1),(1)} \oplus 10V^{(4),\varnothing} \oplus 14V^{(3,1),\varnothing} \oplus 11V^{(2,2),\varnothing} \oplus 11V^{(2,1,1),\varnothing}$
$k = 9: \quad 5050V^{\varnothing,\varnothing} \oplus 11425V^{\varnothing,(1)} \oplus 3320V^{\varnothing,(2)} \oplus 4520V^{\varnothing,(1,1)} \oplus 1730V^{\varnothing,(2,1)} \oplus 1830V^{\varnothing,(1,1,1)} \oplus 344V^{\varnothing,(2,2)} \oplus 548V^{\varnothing,(2,1,1)} \oplus 548V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(2,2,1)} \oplus 4V^{\varnothing,(2,1,1,1)} \oplus 3V^{\varnothing,(1,1,1,1,1)} \oplus 7136V^{(1),\varnothing} \oplus 17684V^{(1),(1)} \oplus 5586V^{(1),(2)} \oplus 6954V^{(1),(1,1)} \oplus 1608V^{(1),(2,1)} \oplus 1728V^{(1),(1,1,1)} \oplus 33V^{(1),(2,2)} \oplus 41V^{(1),(2,1,1)} \oplus 41V^{(1),(1,1,1,1)} \oplus 3280V^{(2),\varnothing} \oplus 6846V^{(2),(1)} \oplus 1468V^{(2),(2)} \oplus 1892V^{(2),(1,1)} \oplus 141V^{(2),(2,1)} \oplus 149V^{(2),(1,1,1)} \oplus 3120V^{(1,1),\varnothing} \oplus 6630V^{(1,1),(1)} \oplus 1404V^{(1,1),(2)} \oplus 1796V^{(1,1),(1,1)} \oplus 137V^{(1,1),(2,1)} \oplus 143V^{(1,1),(1,1,1)} \oplus 1452V^{(3),\varnothing} \oplus 1632V^{(3),(1)} \oplus 99V^{(3),(2)} \oplus 125V^{(3),(1,1)} \oplus 2002V^{(2,1),\varnothing} \oplus 1920V^{(2,1),(1)} \oplus 104V^{(2,1),(2)} \oplus 133V^{(2,1),(1,1)} \oplus 902V^{(1,1,1),\varnothing} \oplus 1272V^{(1,1,1),(1)} \oplus 82V^{(1,1,1),(2)} \oplus 99V^{(1,1,1),(1,1)} \oplus 312V^{(4),\varnothing} \oplus 29V^{(4),(1)} \oplus 668V^{(3,1),\varnothing} \oplus 37V^{(3,1),(1)} \oplus 464V^{(2,2),\varnothing} \oplus 31V^{(2,2),(1)} \oplus 464V^{(2,1,1),\varnothing} \oplus 31V^{(2,1,1),(1)} \oplus 4V^{(4,1),\varnothing} \oplus 4V^{(3,2),\varnothing} \oplus 4V^{(3,1,1),\varnothing} \oplus 3V^{(2,2,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 5640V^{\varnothing,(1)} \oplus 2043V^{\varnothing,(2)} \oplus 2511V^{\varnothing,(1,1)} \oplus 1080V^{\varnothing,(2,1)} \oplus 1080V^{\varnothing,(1,1,1)} \oplus 360V^{\varnothing,(2,2)} \oplus 510V^{\varnothing,(2,1,1)} \oplus 510V^{\varnothing,(1,1,1,1)} \oplus 146V^{\varnothing,(2,2,1)} \oplus 222V^{\varnothing,(2,1,1,1)} \oplus 146V^{\varnothing,(1,1,1,1,1)} \oplus V^{\varnothing,(2,2,1,1)} \oplus V^{\varnothing,(2,1,1,1,1)} \oplus 2280V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 4496V^{(1),(2)} \oplus 5280V^{(1),(1,1)} \oplus 2166V^{(1),(2,1)} \oplus 2274V^{(1),(1,1,1)} \oplus 468V^{(1),(2,2)} \oplus 632V^{(1),(2,1,1)} \oplus 632V^{(1),(1,1,1,1)} \oplus 9V^{(1),(2,2,1)} \oplus 11V^{(1),(2,1,1,1)} \oplus 9V^{(1),(1,1,1,1,1)} \oplus 1356V^{(2),\varnothing} \oplus 5232V^{(2),(1)} \oplus 1958V^{(2),(2)} \oplus 2474V^{(2),(1,1)} \oplus 644V^{(2),(2,1)} \oplus 708V^{(2),(1,1,1)} \oplus 35V^{(2),(2,2)} \oplus 45V^{(2),(2,1,1)} \oplus 45V^{(2),(1,1,1,1)} \oplus 1356V^{(1,1),\varnothing} \oplus 5136V^{(1,1),(1)} \oplus 1886V^{(1,1),(2)} \oplus 2366V^{(1,1),(1,1)} \oplus 612V^{(1,1),(2,1)} \oplus 660V^{(1,1),(1,1,1)} \oplus 33V^{(1,1),(2,2)} \oplus 41V^{(1,1),(2,1,1)} \oplus 41V^{(1,1),(1,1,1,1)} \oplus 688V^{(3),\varnothing} \oplus 2166V^{(3),(1)} \oplus 508V^{(3),(2)} \oplus 672V^{(3),(1,1)} \oplus 77V^{(3),(2,1)} \oplus 83V^{(3),(1,1,1)} \oplus 948V^{(2,1),\varnothing} \oplus 2538V^{(2,1),(1)} \oplus 580V^{(2,1),(2)} \oplus 800V^{(2,1),(1,1)} \oplus 83V^{(2,1),(2,1)} \oplus 91V^{(2,1),(1,1,1)} \oplus 428V^{(1,1,1),\varnothing} \oplus 1794V^{(1,1,1),(1)} \oplus 412V^{(1,1,1),(2)} \oplus 508V^{(1,1,1),(1,1)} \oplus 59V^{(1,1,1),(2,1)} \oplus 63V^{(1,1,1),(1,1,1)} \oplus 234V^{(4),\varnothing} \oplus 488V^{(4),(1)} \oplus 22V^{(4),(2)} \oplus 33V^{(4),(1,1)} \oplus 534V^{(3,1),\varnothing} \oplus 736V^{(3,1),(1)} \oplus 28V^{(3,1),(2)} \oplus 43V^{(3,1),(1,1)} \oplus 384V^{(2,2),\varnothing} \oplus 592V^{(2,2),(1)} \oplus 23V^{(2,2),(2)} \oplus 35V^{(2,2),(1,1)} \oplus 384V^{(2,1,1),\varnothing} \oplus 592V^{(2,1,1),(1)} \oplus 23V^{(2,1,1),(2)} \oplus 35V^{(2,1,1),(1,1)} \oplus 180V^{(4,1),\varnothing} \oplus 9V^{(4,1),(1)} \oplus 180V^{(3,2),\varnothing} \oplus 9V^{(3,2),(1)} \oplus 180V^{(3,1,1),\varnothing} \oplus 9V^{(3,1,1),(1)} \oplus 104V^{(2,2,1),\varnothing} \oplus 7V^{(2,2,1),(1)} \oplus V^{(4,2),\varnothing} \oplus V^{(4,1,1),\varnothing} \oplus V^{(3,2,1),\varnothing}$
$k = 7: \quad 1225V^{\varnothing,(1)} \oplus 700V^{\varnothing,(2)} \oplus 700V^{\varnothing,(1,1)} \oplus 315V^{\varnothing,(2,1)} \oplus 315V^{\varnothing,(1,1,1)} \oplus 140V^{\varnothing,(2,2)} \oplus 140V^{\varnothing,(2,1,1)} \oplus 140V^{\varnothing,(1,1,1,1)} \oplus 70V^{\varnothing,(2,2,1)} \oplus 70V^{\varnothing,(2,1,1,1)} \oplus 70V^{\varnothing,(1,1,1,1,1)} \oplus 35V^{\varnothing,(2,2,1,1)} \oplus 35V^{\varnothing,(2,1,1,1,1)} \oplus 196V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2580V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1360V^{(1),(2,1)} \oplus 1360V^{(1),(1,1,1)} \oplus 550V^{(1),(2,2)} \oplus 650V^{(1),(2,1,1)} \oplus 650V^{(1),(1,1,1,1)} \oplus 204V^{(1),(2,2,1)} \oplus 256V^{(1),(2,1,1,1)} \oplus 204V^{(1),(1,1,1,1,1)} \oplus 3V^{(1),(2,2,1,1)} \oplus 3V^{(1),(2,1,1,1,1)} \oplus 140V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1376V^{(2),(2)} \oplus 1616V^{(2),(1,1)} \oplus 762V^{(2),(2,1)} \oplus 810V^{(2),(1,1,1)} \oplus 176V^{(2),(2,2)} \oplus 248V^{(2),(2,1,1)} \oplus 248V^{(2),(1,1,1,1)} \oplus 11V^{(2),(2,2,1)} \oplus 13V^{(2),(2,1,1,1)} \oplus 11V^{(2),(1,1,1,1,1)} \oplus 140V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus$

Table 89: Table for $\lambda = (4,2,1)$, $\mu = (2,1,1,1,1,1)$:

$k = 14: \quad 17V^{\varnothing,\varnothing}$
$k = 13: \quad 7982V^{\varnothing,\varnothing} \oplus 705V^{\varnothing,(1)} \oplus 145V^{(1),\varnothing}$
$k = 12: \quad 15142V^{\varnothing,\varnothing} \oplus 8908V^{\varnothing,(1)} \oplus 134V^{\varnothing,(2)} \oplus 166V^{\varnothing,(1,1)} \oplus 7190V^{(1),\varnothing} \oplus 1697V^{(1),(1)} \oplus 77V^{(2),\varnothing} \oplus 75V^{(1,1),\varnothing}$
$k = 11: \quad 14878V^{\varnothing,\varnothing} \oplus 15474V^{\varnothing,(1)} \oplus 2090V^{\varnothing,(2)} \oplus 3270V^{\varnothing,(1,1)} \oplus 32V^{\varnothing,(2,1)} \oplus 41V^{\varnothing,(1,1,1)} \oplus 12420V^{(1),\varnothing} \oplus 11936V^{(1),(1)} \oplus 489V^{(1),(2)} \oplus 617V^{(1),(1,1)} \oplus 3028V^{(2),\varnothing} \oplus 453V^{(2),(1)} \oplus 2820V^{(1,1),\varnothing} \oplus 449V^{(1,1),(1)} \oplus 33V^{(3),\varnothing} \oplus 36V^{(2,1),\varnothing} \oplus 25V^{(1,1,1),\varnothing}$
$k = 10: \quad 10766V^{\varnothing,\varnothing} \oplus 15214V^{\varnothing,(1)} \oplus 3508V^{\varnothing,(2)} \oplus 5266V^{\varnothing,(1,1)} \oplus 818V^{\varnothing,(2,1)} \oplus 1286V^{\varnothing,(1,1,1)} \oplus 9V^{\varnothing,(2,1,1)} \oplus 12V^{\varnothing,(1,1,1,1)} \oplus 10316V^{(1),\varnothing} \oplus 19442V^{(1),(1)} \oplus 3120V^{(1),(2)} \oplus 4264V^{(1),(1,1)} \oplus 129V^{(1),(2,1)} \oplus 161V^{(1),(1,1,1)} \oplus 4560V^{(2),\varnothing} \oplus 4328V^{(2),(1)} \oplus 227V^{(2),(2)} \oplus 333V^{(2),(1,1)} \oplus 4260V^{(1,1),\varnothing} \oplus 4168V^{(1,1),(1)} \oplus 225V^{(1,1),(2)} \oplus 329V^{(1,1),(1,1)} \oplus 1130V^{(3),\varnothing} \oplus 101V^{(3),(1)} \oplus 1538V^{(2,1),\varnothing} \oplus 107V^{(2,1),(1)} \oplus 672V^{(1,1,1),\varnothing} \oplus 83V^{(1,1,1),(1)} \oplus 10V^{(4),\varnothing} \oplus 14V^{(3,1),\varnothing} \oplus 11V^{(2,2),\varnothing} \oplus 11V^{(2,1,1),\varnothing}$
$k = 9: \quad 4560V^{\varnothing,\varnothing} \oplus 11425V^{\varnothing,(1)} \oplus 3160V^{\varnothing,(2)} \oplus 4360V^{\varnothing,(1,1)} \oplus 1180V^{\varnothing,(2,1)} \oplus 1730V^{\varnothing,(1,1,1)} \oplus 344V^{\varnothing,(2,1,1)} \oplus 548V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(2,1,1,1)} \oplus 4V^{\varnothing,(1,1,1,1,1)} \oplus 5880V^{(1),\varnothing} \oplus 17540V^{(1),(1)} \oplus 5118V^{(1),(2)} \oplus 6486V^{(1),(1,1)} \oplus 1184V^{(1),(2,1)} \oplus 1608V^{(1),(1,1,1)} \oplus 33V^{(1),(2,1,1)} \oplus 41V^{(1),(1,1,1,1)} \oplus 2960V^{(2),\varnothing} \oplus 6702V^{(2),(1)} \oplus 1172V^{(2),(2)} \oplus 1668V^{(2),(1,1)} \oplus 107V^{(2),(2,1)} \oplus 141V^{(2),(1,1,1)} \oplus 2800V^{(1,1),\varnothing} \oplus 6486V^{(1,1),(1)} \oplus 1140V^{(1,1),(2)} \oplus 1604V^{(1,1),(1,1)} \oplus 105V^{(1,1),(2,1)} \oplus 137V^{(1,1),(1,1,1)} \oplus 1308V^{(3),\varnothing} \oplus 1560V^{(3),(1)} \oplus 51V^{(3),(2)} \oplus 101V^{(3),(1,1)} \oplus 1858V^{(2,1),\varnothing} \oplus 1848V^{(2,1),(1)} \oplus 54V^{(2,1),(2)} \oplus 107V^{(2,1),(1,1)} \oplus 758V^{(1,1,1),\varnothing} \oplus 1224V^{(1,1,1),(1)} \oplus 42V^{(1,1,1),(2)} \oplus 83V^{(1,1,1),(1,1)} \oplus 280V^{(4),\varnothing} \oplus 23V^{(4),(1)} \oplus 636V^{(3,1),\varnothing} \oplus 31V^{(3,1),(1)} \oplus 432V^{(2,2),\varnothing} \oplus 25V^{(2,2),(1)} \oplus 432V^{(2,1,1),\varnothing} \oplus 25V^{(2,1,1),(1)} \oplus 4V^{(4,1),\varnothing} \oplus 4V^{(3,2),\varnothing} \oplus 4V^{(3,1,1),\varnothing} \oplus 3V^{(2,2,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 5640V^{\varnothing,(1)} \oplus 2043V^{\varnothing,(2)} \oplus 2511V^{\varnothing,(1,1)} \oplus 820V^{\varnothing,(2,1)} \oplus 1080V^{\varnothing,(1,1,1)} \oplus 360V^{\varnothing,(2,1,1)} \oplus 510V^{\varnothing,(1,1,1,1)} \oplus 146V^{\varnothing,(2,1,1,1)} \oplus 222V^{\varnothing,(1,1,1,1,1)} \oplus V^{\varnothing,(2,1,1,1,1)} \oplus V^{\varnothing,(1,1,1,1,1,1)} \oplus 1620V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 4352V^{(1),(2)} \oplus 5136V^{(1),(1,1)} \oplus 1758V^{(1),(2,1)} \oplus 2166V^{(1),(1,1,1)} \oplus 468V^{(1),(2,1,1)} \oplus 632V^{(1),(1,1,1,1)} \oplus 9V^{(1),(2,1,1,1)} \oplus 11V^{(1),(1,1,1,1,1)} \oplus 1056V^{(2),\varnothing} \oplus 5232V^{(2),(1)} \oplus 1766V^{(2),(2)} \oplus 2282V^{(2),(1,1)} \oplus 452V^{(2),(2,1)} \oplus 644V^{(2),(1,1,1)} \oplus 35V^{(2),(2,1,1)} \oplus 45V^{(2),(1,1,1,1)} \oplus 1056V^{(1,1),\varnothing} \oplus 5136V^{(1,1),(1)} \oplus 1730V^{(1,1),(2)} \oplus 2210V^{(1,1),(1,1)} \oplus 436V^{(1,1),(2,1)} \oplus 612V^{(1,1),(1,1,1)} \oplus 33V^{(1,1),(2,1,1)} \oplus 41V^{(1,1),(1,1,1,1)} \oplus 592V^{(3),\varnothing} \oplus 2166V^{(3),(1)} \oplus 424V^{(3),(2)} \oplus 588V^{(3),(1,1)} \oplus 51V^{(3),(2,1)} \oplus 77V^{(3),(1,1,1)} \oplus 852V^{(2,1),\varnothing} \oplus 2538V^{(2,1),(1)} \oplus 480V^{(2,1),(2)} \oplus 700V^{(2,1),(1,1)} \oplus 54V^{(2,1),(2,1)} \oplus 83V^{(2,1),(1,1,1)} \oplus 332V^{(1,1,1),\varnothing} \oplus 1794V^{(1,1,1),(1)} \oplus 356V^{(1,1,1),(2)} \oplus 452V^{(1,1,1),(1,1)} \oplus 42V^{(1,1,1),(2,1)} \oplus 59V^{(1,1,1),(1,1,1)} \oplus 186V^{(4),\varnothing} \oplus 488V^{(4),(1)} \oplus 12V^{(4),(2)} \oplus 23V^{(4),(1,1)} \oplus 486V^{(3,1),\varnothing} \oplus 736V^{(3,1),(1)} \oplus 16V^{(3,1),(2)} \oplus 31V^{(3,1),(1,1)} \oplus 336V^{(2,2),\varnothing} \oplus 592V^{(2,2),(1)} \oplus 13V^{(2,2),(2)} \oplus 25V^{(2,2),(1,1)} \oplus 336V^{(2,1,1),\varnothing} \oplus 592V^{(2,1,1),(1)} \oplus 13V^{(2,1,1),(2)} \oplus 25V^{(2,1,1),(1,1)} \oplus 164V^{(4,1),\varnothing} \oplus 9V^{(4,1),(1)} \oplus 164V^{(3,2),\varnothing} \oplus 9V^{(3,2),(1)} \oplus 164V^{(3,1,1),\varnothing} \oplus 9V^{(3,1,1),(1)} \oplus 88V^{(2,2,1),\varnothing} \oplus 7V^{(2,2,1),(1)} \oplus V^{(4,2),\varnothing} \oplus V^{(4,1,1),\varnothing} \oplus V^{(3,2,1),\varnothing}$
$k = 7:$ $1225V^{\varnothing,(1)} \oplus 700V^{\varnothing,(2)} \oplus 700V^{\varnothing,(1,1)} \oplus 315V^{\varnothing,(2,1)} \oplus 315V^{\varnothing,(1,1,1)} \oplus 140V^{\varnothing,(2,1,1)} \oplus 140V^{\varnothing,(1,1,1,1)} \oplus 70V^{\varnothing,(2,1,1,1)} \oplus 70V^{\varnothing,(1,1,1,1,1)} \oplus 35V^{\varnothing,(2,1,1,1,1)} \oplus 35V^{\varnothing,(1,1,1,1,1,1)} \oplus 36V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2580V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1200V^{(1),(2,1)} \oplus 1360V^{(1),(1,1,1)} \oplus 550V^{(1),(2,1,1)} \oplus 650V^{(1),(1,1,1,1)} \oplus 204V^{(1),(2,1,1,1)} \oplus 256V^{(1),(1,1,1,1,1)} \oplus 3V^{(1),(2,1,1,1,1)} \oplus 3V^{(1),(1,1,1,1,1,1)} \oplus 30V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1328V^{(2),(2)} \oplus 1568V^{(2),(1,1)} \oplus 606V^{(2),(2,1)} \oplus 762V^{(2),(1,1,1)} \oplus 176V^{(2),(2,1,1)} \oplus 248V^{(2),(1,1,1,1)} \oplus 11V^{(2),(2,1,1,1)} \oplus 13V^{(2),(1,1,1,1,1)} \oplus 30V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1316V^{(1,1),(2)} \oplus 1544V^{(1,1),(1,1)} \oplus 594V^{(1,1),(2,1)} \oplus 738V^{(1,1),(1,1,1)} \oplus 168V^{(1,1),(2,1,1)} \oplus 232V^{(1,1),(1,1,1,1)} \oplus 9V^{(1,1),(2,1,1,1)} \oplus 11V^{(1,1),(1,1,1,1,1)} \oplus$	

Table 90: Table for $\lambda = (4,2,1)$, $\mu = (1,1,1,1,1,1,1)$:

$k = 14: \quad 3V^{\varnothing,\varnothing}$
$k = 13: \quad 6587V^{\varnothing,\varnothing} \oplus 571V^{\varnothing,(1)} \oplus 18V^{(1),\varnothing}$
$k = 12:$ $12697V^{\varnothing,\varnothing} \oplus 5784V^{\varnothing,(1)} \oplus 134V^{\varnothing,(1,1)} \oplus 5006V^{(1),\varnothing} \oplus 1209V^{(1),(1)} \oplus 15V^{(2),\varnothing} \oplus 14V^{(1,1),\varnothing}$
$k = 11: \quad 12967V^{\varnothing,\varnothing} \oplus 10362V^{\varnothing,(1)} \oplus 2090V^{\varnothing,(1,1)} \oplus 32V^{\varnothing,(1,1,1)} \oplus 9165V^{(1),\varnothing} \oplus 8856V^{(1),(1)} \oplus 489V^{(1),(1,1)} \oplus 2054V^{(2),\varnothing} \oplus 227V^{(2),(1)} \oplus 1950V^{(1,1),\varnothing} \oplus 225V^{(1,1),(1)} \oplus 10V^{(3),\varnothing} \oplus 12V^{(2,1),\varnothing} \oplus 7V^{(1,1,1),\varnothing}$
$k = 10:$ $9860V^{\varnothing,\varnothing} \oplus 10862V^{\varnothing,(1)} \oplus 3508V^{\varnothing,(1,1)} \oplus 818V^{\varnothing,(1,1,1)} \oplus 9V^{\varnothing,(1,1,1,1)} \oplus 8248V^{(1),\varnothing} \oplus 15346V^{(1),(1)} \oplus 3120V^{(1),(1,1)} \oplus 129V^{(1),(1,1,1)} \oplus 3397V^{(2),\varnothing} \oplus 3152V^{(2),(1)} \oplus 227V^{(2),(1,1)} \oplus 3247V^{(1,1),\varnothing} \oplus 3072V^{(1,1),(1)} \oplus 225V^{(1,1),(1,1)} \oplus 804V^{(3),\varnothing} \oplus 51V^{(3),(1)} \oplus 1160V^{(2,1),\varnothing} \oplus 54V^{(2,1),(1)} \oplus 438V^{(1,1,1),\varnothing} \oplus 42V^{(1,1,1),(1)} \oplus 5V^{(4),\varnothing} \oplus 8V^{(3,1),\varnothing} \oplus 6V^{(2,2),\varnothing} \oplus 6V^{(2,1,1),\varnothing}$
$k = 9: \quad 4440V^{\varnothing,\varnothing} \oplus 8845V^{\varnothing,(1)} \oplus 3160V^{\varnothing,(1,1)} \oplus 1180V^{\varnothing,(1,1,1)} \oplus 344V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(1,1,1,1,1)} \oplus 5065V^{(1),\varnothing} \oplus 14644V^{(1),(1)} \oplus 5118V^{(1),(1,1)} \oplus 1184V^{(1),(1,1,1)} \oplus 33V^{(1),(1,1,1,1)} \oplus 2416V^{(2),\varnothing} \oplus 5226V^{(2),(1)} \oplus 1172V^{(2),(1,1)} \oplus 107V^{(2),(1,1,1)} \oplus 2336V^{(1,1),\varnothing} \oplus 5118V^{(1,1),(1)} \oplus 1140V^{(1,1),(1,1)} \oplus 105V^{(1,1),(1,1,1)} \oplus 1059V^{(3),\varnothing} \oplus 1160V^{(3),(1)} \oplus 51V^{(3),(1,1)} \oplus 1559V^{(2,1),\varnothing} \oplus 1304V^{(2,1),(1)} \oplus 54V^{(2,1),(1,1)} \oplus 559V^{(1,1,1),\varnothing} \oplus 992V^{(1,1,1),(1)} \oplus 42V^{(1,1,1),(1,1)} \oplus 208V^{(4),\varnothing} \oplus 12V^{(4),(1)} \oplus 538V^{(3,1),\varnothing} \oplus 16V^{(3,1),(1)} \oplus 360V^{(2,2),\varnothing} \oplus 13V^{(2,2),(1)} \oplus 360V^{(2,1,1),\varnothing} \oplus 13V^{(2,1,1),(1)} \oplus 4V^{(4,1),\varnothing} \oplus 4V^{(3,2),\varnothing} \oplus 4V^{(3,1,1),\varnothing} \oplus 3V^{(2,2,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 4920V^{\varnothing,(1)} \oplus 2043V^{\varnothing,(1,1)} \oplus 820V^{\varnothing,(1,1,1)} \oplus 360V^{\varnothing,(1,1,1,1)} \oplus 146V^{\varnothing,(1,1,1,1,1)} \oplus V^{\varnothing,(1,1,1,1,1,1)} \oplus 1446V^{(1),\varnothing} \oplus 10580V^{(1),(1)} \oplus 4352V^{(1),(1,1)} \oplus 1758V^{(1),(1,1,1)} \oplus 468V^{(1),(1,1,1,1)} \oplus 9V^{(1),(1,1,1,1,1)} \oplus 941V^{(2),\varnothing} \oplus 4400V^{(2),(1)} \oplus 1766V^{(2),(1,1)} \oplus 452V^{(2),(1,1,1)} \oplus 35V^{(2),(1,1,1,1)} \oplus 941V^{(1,1),\varnothing} \oplus 4352V^{(1,1),(1)} \oplus 1730V^{(1,1),(1,1)} \oplus 436V^{(1,1),(1,1,1)} \oplus 33V^{(1,1),(1,1,1,1)} \oplus 524V^{(3),\varnothing} \oplus 1758V^{(3),(1)} \oplus 424V^{(3),(1,1)} \oplus 51V^{(3),(1,1,1)} \oplus 784V^{(2,1),\varnothing} \oplus 1944V^{(2,1),(1)} \oplus 480V^{(2,1),(1,1)} \oplus 54V^{(2,1),(1,1,1)} \oplus 264V^{(1,1,1),\varnothing} \oplus 1572V^{(1,1,1),(1)} \oplus 356V^{(1,1,1),(1,1)} \oplus 42V^{(1,1,1),(1,1,1)} \oplus 153V^{(4),\varnothing} \oplus 396V^{(4),(1)} \oplus 12V^{(4),(1,1)} \oplus 453V^{(3,1),\varnothing} \oplus 520V^{(3,1),(1)} \oplus 16V^{(3,1),(1,1)} \oplus 303V^{(2,2),\varnothing} \oplus 448V^{(2,2),(1)} \oplus 13V^{(2,2),(1,1)} \oplus 303V^{(2,1,1),\varnothing} \oplus 448V^{(2,1,1),(1)} \oplus 13V^{(2,1,1),(1,1)} \oplus 154V^{(4,1),\varnothing} \oplus 5V^{(4,1),(1)} \oplus 154V^{(3,2),\varnothing} \oplus 5V^{(3,2),(1)} \oplus 154V^{(3,1,1),\varnothing} \oplus 5V^{(3,1,1),(1)} \oplus 78V^{(2,2,1),\varnothing} \oplus 4V^{(2,2,1),(1)} \oplus 2V^{(4,2),\varnothing} \oplus 2V^{(4,1,1),\varnothing} \oplus 2V^{(3,2,1),\varnothing}$
$k = 7: \quad 1225V^{\varnothing,(1)} \oplus 700V^{\varnothing,(1,1)} \oplus 315V^{\varnothing,(1,1,1)} \oplus 140V^{\varnothing,(1,1,1,1)} \oplus 70V^{\varnothing,(1,1,1,1,1)} \oplus 35V^{\varnothing,(1,1,1,1,1,1)} \oplus V^{(1),\varnothing} \oplus 4560V^{(1),(1)} \oplus 2580V^{(1),(1,1)} \oplus 1200V^{(1),(1,1,1)} \oplus 550V^{(1),(1,1,1,1)} \oplus 204V^{(1),(1,1,1,1,1)} \oplus 3V^{(1),(1,1,1,1,1,1)} \oplus V^{(2),\varnothing} \oplus 2580V^{(2),(1)} \oplus 1328V^{(2),(1,1)} \oplus 606V^{(2),(1,1,1)} \oplus 176V^{(2),(1,1,1,1)} \oplus 11V^{(2),(1,1,1,1,1)} \oplus V^{(1,1),\varnothing} \oplus 2580V^{(1,1),(1)} \oplus 1316V^{(1,1),(1,1)} \oplus 594V^{(1,1),(1,1,1)} \oplus 168V^{(1,1),(1,1,1,1)} \oplus 9V^{(1,1),(1,1,1,1,1)} \oplus V^{(3),\varnothing} \oplus 1200V^{(3),(1)} \oplus 594V^{(3),(1,1)} \oplus 174V^{(3),(1,1,1)} \oplus 27V^{(3),(1,1,1,1)} \oplus V^{(2,1),\varnothing} \oplus 1280V^{(2,1),(1)} \oplus 660V^{(2,1),(1,1)} \oplus 198V^{(2,1),(1,1,1)} \oplus 30V^{(2,1),(1,1,1,1)} \oplus V^{(1,1,1),\varnothing} \oplus 1120V^{(1,1,1),(1)} \oplus 528V^{(1,1,1),(1,1)} \oplus 144V^{(1,1,1),(1,1,1)} \oplus 18V^{(1,1,1),(1,1,1,1)} \oplus V^{(4),\varnothing} \oplus 500V^{(4),(1)} \oplus 140V^{(4),(1,1)} \oplus 12V^{(4),(1,1,1)} \oplus V^{(3,1),\varnothing} \oplus 600V^{(3,1),(1)} \oplus 188V^{(3,1),(1,1)} \oplus 16V^{(3,1),(1,1,1)} \oplus V^{(2,2),\varnothing} \oplus 550V^{(2,2),(1)} \oplus 160V^{(2,2),(1,1)} \oplus 13V^{(2,2),(1,1,1)} \oplus V^{(2,1,1),\varnothing} \oplus 550V^{(2,1,1),(1)} \oplus 160V^{(2,1,1),(1,1)} \oplus 13V^{(2,1,1),(1,1,1)} \oplus V^{(4,1),\varnothing} \oplus 204V^{(4,1),(1)} \oplus 5V^{(4,1),(1,1)} \oplus V^{(3,2),\varnothing} \oplus 204V^{(3,2),(1)} \oplus 5V^{(3,2),(1,1)} \oplus V^{(3,1,1),\varnothing} \oplus 204V^{(3,1,1),(1)} \oplus 5V^{(3,1,1),(1,1)} \oplus V^{(2,2,1),\varnothing} \oplus 178V^{(2,2,1),(1)} \oplus 4V^{(2,2,1),(1,1)} \oplus V^{(4,2),\varnothing} \oplus 2V^{(4,2),(1)} \oplus V^{(4,1,1),\varnothing} \oplus 2V^{(4,1,1),(1)} \oplus V^{(3,2,1),\varnothing} \oplus 2V^{(3,2,1),(1)} \oplus V^{(4,2,1),\varnothing}$
$k = 6: \quad 720V^{(1),(1)} \oplus 720V^{(1),(1,1)} \oplus 468V^{(1),(1,1,1)} \oplus 260V^{(1),(1,1,1,1)} \oplus 150V^{(1),(1,1,1,1,1)} \oplus 76V^{(1),(1,1,1,1,1,1)} \oplus V^{(1),(1,1,1,1,1,1,1)} \oplus 720V^{(2),(1)} \oplus 648V^{(2),(1,1)} \oplus 368V^{(2),(1,1,1)} \oplus 186V^{(2),(1,1,1,1)} \oplus 72V^{(2),(1,1,1,1,1)} \oplus 3V^{(2),(1,1,1,1,1,1)} \oplus 720V^{(1,1),(1)} \oplus$

Table 91: Table for $\lambda = (4,1,1,1)$, $\mu = (7,)$:

$k = 14: \quad 4V^{\varnothing,\varnothing}$
$k = 13: \quad 6588V^{\varnothing,\varnothing} \oplus 297V^{\varnothing,(1)} \oplus 15V^{(1),\varnothing}$
$k = 12:$ $12700V^{\varnothing,\varnothing} \oplus 4552V^{\varnothing,(1)} \oplus 97V^{\varnothing,(2)} \oplus 4996V^{(1),\varnothing} \oplus 1065V^{(1),(1)} \oplus 11V^{(2),\varnothing} \oplus 11V^{(1,1),\varnothing}$
$k = 11: \quad 12958V^{\varnothing,\varnothing} \oplus 8094V^{\varnothing,(1)} \oplus 1688V^{\varnothing,(2)} \oplus 29V^{\varnothing,(3)} \oplus 9159V^{(1),\varnothing} \oplus 8640V^{(1),(1)} \oplus 345V^{(1),(2)} \oplus 1926V^{(2),\varnothing} \oplus 195V^{(2),(1)} \oplus 1926V^{(1,1),\varnothing} \oplus 195V^{(1,1),(1)} \oplus 7V^{(3),\varnothing} \oplus 8V^{(2,1),\varnothing} \oplus 7V^{(1,1,1),\varnothing}$
$k = 10: \quad 9880V^{\varnothing,\varnothing} \oplus 8072V^{\varnothing,(1)} \oplus 2758V^{\varnothing,(2)} \oplus 668V^{\varnothing,(3)} \oplus 9V^{\varnothing,(4)} \oplus 8248V^{(1),\varnothing} \oplus 15298V^{(1),(1)} \oplus 3072V^{(1),(2)} \oplus 105V^{(1),(3)} \oplus 3229V^{(2),\varnothing} \oplus 2976V^{(2),(1)} \oplus 195V^{(2),(2)} \oplus 3229V^{(1,1),\varnothing} \oplus 2976V^{(1,1),(1)} \oplus 195V^{(1,1),(2)} \oplus 742V^{(3),\varnothing} \oplus 43V^{(3),(1)} \oplus 794V^{(2,1),\varnothing} \oplus 45V^{(2,1),(1)} \oplus 742V^{(1,1,1),\varnothing} \oplus 43V^{(1,1,1),(1)} \oplus 3V^{(4),\varnothing} \oplus 5V^{(3,1),\varnothing} \oplus 5V^{(2,1,1),\varnothing} \oplus 3V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 4440V^{\varnothing,\varnothing} \oplus 5780V^{\varnothing,(1)} \oplus 2320V^{\varnothing,(2)} \oplus 910V^{\varnothing,(3)} \oplus 284V^{\varnothing,(4)} \oplus 3V^{\varnothing,(5)} \oplus 5065V^{(1),\varnothing} \oplus 14644V^{(1),(1)} \oplus 5118V^{(1),(2)} \oplus 1184V^{(1),(3)} \oplus 33V^{(1),(4)} \oplus 2336V^{(2),\varnothing} \oplus 5082V^{(2),(1)} \oplus 1092V^{(2),(2)} \oplus 75V^{(2),(3)} \oplus 2336V^{(1,1),\varnothing} \oplus 5082V^{(1,1),(1)} \oplus 1092V^{(1,1),(2)} \oplus 75V^{(1,1),(3)} \oplus 1009V^{(3),\varnothing} \oplus 1096V^{(3),(1)} \oplus 43V^{(3),(2)} \oplus 1059V^{(2,1),\varnothing} \oplus 1136V^{(2,1),(1)} \oplus 45V^{(2,1),(2)} \oplus 1009V^{(1,1,1),\varnothing} \oplus 1096V^{(1,1,1),(1)} \oplus 43V^{(1,1,1),(2)} \oplus 182V^{(4),\varnothing} \oplus 10V^{(4),(1)} \oplus 360V^{(3,1),\varnothing} \oplus 13V^{(3,1),(1)} \oplus 360V^{(2,1,1),\varnothing} \oplus 13V^{(2,1,1),(1)} \oplus 182V^{(1,1,1,1),\varnothing} \oplus 10V^{(1,1,1,1),(1)} \oplus 2V^{(4,1),\varnothing} \oplus 3V^{(3,1,1),\varnothing} \oplus 2V^{(2,1,1,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 2400V^{\varnothing,(1)} \oplus 1268V^{\varnothing,(2)} \oplus 580V^{\varnothing,(3)} \oplus 270V^{\varnothing,(4)} \oplus 116V^{\varnothing,(5)} \oplus V^{\varnothing,(6)} \oplus 1446V^{(1),\varnothing} \oplus 10580V^{(1),(1)} \oplus 4352V^{(1),(2)} \oplus 1758V^{(1),(3)} \oplus 468V^{(1),(4)} \oplus 9V^{(1),(5)} \oplus 941V^{(2),\varnothing} \oplus 4352V^{(2),(1)} \oplus 1718V^{(2),(2)} \oplus 424V^{(2),(3)} \oplus 27V^{(2),(4)} \oplus 941V^{(1,1),\varnothing} \oplus 4352V^{(1,1),(1)} \oplus 1718V^{(1,1),(2)} \oplus 424V^{(1,1),(3)} \oplus 27V^{(1,1),(4)} \oplus 524V^{(3),\varnothing} \oplus 1722V^{(3),(1)} \oplus 396V^{(3),(2)} \oplus 43V^{(3),(3)} \oplus 524V^{(2,1),\varnothing} \oplus 1758V^{(2,1),(1)} \oplus 412V^{(2,1),(2)} \oplus 45V^{(2,1),(3)} \oplus 524V^{(1,1,1),\varnothing} \oplus 1722V^{(1,1,1),(1)} \oplus 396V^{(1,1,1),(2)} \oplus 43V^{(1,1,1),(3)} \oplus 153V^{(4),\varnothing} \oplus 376V^{(4),(1)} \oplus 10V^{(4),(2)} \oplus 303V^{(3,1),\varnothing} \oplus 448V^{(3,1),(1)} \oplus 13V^{(3,1),(2)} \oplus 303V^{(2,1,1),\varnothing} \oplus 448V^{(2,1,1),(1)} \oplus 13V^{(2,1,1),(2)} \oplus 153V^{(1,1,1,1),\varnothing} \oplus 376V^{(1,1,1,1),(1)} \oplus 10V^{(1,1,1,1),(2)} \oplus 78V^{(4,1),\varnothing} \oplus 4V^{(4,1),(1)} \oplus 154V^{(3,1,1),\varnothing} \oplus 5V^{(3,1,1),(1)} \oplus 78V^{(2,1,1,1),\varnothing} \oplus 4V^{(2,1,1,1),(1)} \oplus V^{(4,1,1),\varnothing} \oplus V^{(3,1,1,1),\varnothing}$
$k = 7: \quad 400V^{\varnothing,(1)} \oplus 280V^{\varnothing,(2)} \oplus 160V^{\varnothing,(3)} \oplus 80V^{\varnothing,(4)} \oplus 40V^{\varnothing,(5)} \oplus 20V^{\varnothing,(6)} \oplus V^{(1),\varnothing} \oplus 4560V^{(1),(1)} \oplus 2580V^{(1),(2)} \oplus 1200V^{(1),(3)} \oplus 550V^{(1),(4)} \oplus 204V^{(1),(5)} \oplus 3V^{(1),(6)} \oplus V^{(2),\varnothing} \oplus 2580V^{(2),(1)} \oplus 1316V^{(2),(2)} \oplus 594V^{(2),(3)} \oplus 168V^{(2),(4)} \oplus 9V^{(2),(5)} \oplus V^{(1,1),\varnothing} \oplus 2580V^{(1,1),(1)} \oplus 1316V^{(1,1),(2)} \oplus 594V^{(1,1),(3)} \oplus 168V^{(1,1),(4)} \oplus 9V^{(1,1),(5)} \oplus V^{(3),\varnothing} \oplus 1200V^{(3),(1)} \oplus 582V^{(3),(2)} \oplus 160V^{(3),(3)} \oplus 19V^{(3),(4)} \oplus V^{(2,1),\varnothing} \oplus 1200V^{(2,1),(1)} \oplus 594V^{(2,1),(2)} \oplus 168V^{(2,1),(3)} \oplus 21V^{(2,1),(4)} \oplus V^{(1,1,1),\varnothing} \oplus 1200V^{(1,1,1),(1)} \oplus 582V^{(1,1,1),(2)} \oplus 160V^{(1,1,1),(3)} \oplus 19V^{(1,1,1),(4)} \oplus V^{(4),\varnothing} \oplus 500V^{(4),(1)} \oplus 132V^{(4),(2)} \oplus 10V^{(4),(3)} \oplus V^{(3,1),\varnothing} \oplus 550V^{(3,1),(1)} \oplus 160V^{(3,1),(2)} \oplus 13V^{(3,1),(3)} \oplus V^{(2,1,1),\varnothing} \oplus 550V^{(2,1,1),(1)} \oplus 160V^{(2,1,1),(2)} \oplus 13V^{(2,1,1),(3)} \oplus V^{(1,1,1,1),\varnothing} \oplus 500V^{(1,1,1,1),(1)} \oplus 132V^{(1,1,1,1),(2)} \oplus 10V^{(1,1,1,1),(3)} \oplus V^{(4,1),\varnothing} \oplus 178V^{(4,1),(1)} \oplus 4V^{(4,1),(2)} \oplus V^{(3,1,1),\varnothing} \oplus 204V^{(3,1,1),(1)} \oplus 5V^{(3,1,1),(2)} \oplus V^{(2,1,1,1),\varnothing} \oplus 178V^{(2,1,1,1),(1)} \oplus 4V^{(2,1,1,1),(2)} \oplus V^{(4,1,1),\varnothing} \oplus 2V^{(4,1,1),(1)} \oplus V^{(3,1,1,1),\varnothing} \oplus 2V^{(3,1,1,1),(1)}$
$k = 6: \quad 720V^{(1),(1)} \oplus 720V^{(1),(2)} \oplus 468V^{(1),(3)} \oplus 260V^{(1),(4)} \oplus 150V^{(1),(5)} \oplus 76V^{(1),(6)} \oplus V^{(1),(7)} \oplus 720V^{(2),(1)} \oplus 648V^{(2),(2)} \oplus 368V^{(2),(3)} \oplus 186V^{(2),(4)} \oplus 72V^{(2),(5)} \oplus 3V^{(2),(6)} \oplus 720V^{(1,1),(1)} \oplus 648V^{(1,1),(2)} \oplus 368V^{(1,1),(3)} \oplus 186V^{(1,1),(4)} \oplus 72V^{(1,1),(5)} \oplus 3V^{(1,1),(6)} \oplus 468V^{(3),(1)} \oplus 368V^{(3),(2)} \oplus 206V^{(3),(3)} \oplus 64V^{(3),(4)} \oplus 7V^{(3),(5)} \oplus 468V^{(2,1),(1)} \oplus 368V^{(2,1),(2)} \oplus 210V^{(2,1),(3)} \oplus 68V^{(2,1),(4)} \oplus 9V^{(2,1),(5)} \oplus 468V^{(1,1,1),(1)} \oplus 368V^{(1,1,1),(2)} \oplus 206V^{(1,1,1),(3)} \oplus 64V^{(1,1,1),(4)} \oplus 7V^{(1,1,1),(5)} \oplus 260V^{(4),(1)} \oplus 168V^{(4),(2)} \oplus 52V^{(4),(3)} \oplus 10V^{(4),(4)} \oplus 260V^{(3,1),(1)} \oplus 186V^{(3,1),(2)} \oplus 64V^{(3,1),(3)} \oplus 13V^{(3,1),(4)} \oplus 260V^{(2,1,1),(1)} \oplus 186V^{(2,1,1),(2)} \oplus 64V^{(2,1,1),(3)} \oplus 13V^{(2,1,1),(4)} \oplus 260V^{(1,1,1,1),(1)} \oplus 168V^{(1,1,1,1),(2)} \oplus$

Table 92: Table for $\lambda = (4,1,1,1)$, $\mu = (6,1)$:

$k = 14: \quad 34V^{\varnothing,\varnothing}$
$k = 13: \quad 7972V^{\varnothing,\varnothing} \oplus 394V^{\varnothing,(1)} \oplus 118V^{(1),\varnothing}$
$k = 12: \quad 15012V^{\varnothing,\varnothing} \oplus 7584V^{\varnothing,(1)} \oplus 126V^{\varnothing,(2)} \oplus 97V^{\varnothing,(1,1)} \oplus 7076V^{(1),\varnothing} \oplus 1409V^{(1),(1)} \oplus 60V^{(2),\varnothing} \oplus 60V^{(1,1),\varnothing}$
$k = 11: \quad 14704V^{\varnothing,\varnothing} \oplus 13188V^{\varnothing,(1)} \oplus 2856V^{\varnothing,(2)} \oplus 1688V^{\varnothing,(1,1)} \oplus 38V^{\varnothing,(3)} \oplus 29V^{\varnothing,(2,1)} \oplus 12360V^{(1),\varnothing} \oplus 11504V^{(1),(1)} \oplus 449V^{(1),(2)} \oplus 345V^{(1),(1,1)} \oplus 2680V^{(2),\varnothing} \oplus 389V^{(2),(1)} \oplus 2680V^{(1,1),\varnothing} \oplus 389V^{(1,1),(1)} \oplus 26V^{(3),\varnothing} \oplus 28V^{(2,1),\varnothing} \oplus 26V^{(1,1,1),\varnothing}$
$k = 10: \quad 10796V^{\varnothing,\varnothing} \oplus 12424V^{\varnothing,(1)} \oplus 4516V^{\varnothing,(2)} \oplus 2758V^{\varnothing,(1,1)} \oplus 1136V^{\varnothing,(3)} \oplus 668V^{\varnothing,(2,1)} \oplus 12V^{\varnothing,(4)} \oplus 9V^{\varnothing,(3,1)} \oplus 10316V^{(1),\varnothing} \oplus 19346V^{(1),(1)} \oplus 4168V^{(1),(2)} \oplus 3072V^{(1),(1,1)} \oplus 137V^{(1),(3)} \oplus 105V^{(1),(2,1)} \oplus 4170V^{(2),\varnothing} \oplus 3976V^{(2),(1)} \oplus 269V^{(2),(2)} \oplus 195V^{(2),(1,1)} \oplus 4170V^{(1,1),\varnothing} \oplus 3976V^{(1,1),(1)} \oplus 269V^{(1,1),(2)} \oplus 195V^{(1,1),(1,1)} \oplus 976V^{(3),\varnothing} \oplus 85V^{(3),(1)} \oplus 1080V^{(2,1),\varnothing} \oplus 89V^{(2,1),(1)} \oplus 976V^{(1,1,1),\varnothing} \oplus 85V^{(1,1,1),(1)} \oplus 8V^{(4),\varnothing} \oplus 11V^{(3,1),\varnothing} \oplus 11V^{(2,1,1),\varnothing} \oplus 8V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 4680V^{\varnothing,\varnothing} \oplus 8360V^{\varnothing,(1)} \oplus 3520V^{\varnothing,(2)} \oplus 2320V^{\varnothing,(1,1)} \oplus 1460V^{\varnothing,(3)} \oplus 910V^{\varnothing,(2,1)} \oplus 488V^{\varnothing,(4)} \oplus 284V^{\varnothing,(3,1)} \oplus 4V^{\varnothing,(5)} \oplus 3V^{\varnothing,(4,1)} \oplus 5880V^{(1),\varnothing} \oplus 17540V^{(1),(1)} \oplus 6486V^{(1),(2)} \oplus 5118V^{(1),(1,1)} \oplus 1608V^{(1),(3)} \oplus 1184V^{(1),(2,1)} \oplus 41V^{(1),(4)} \oplus 33V^{(1),(3,1)} \oplus 2800V^{(2),\varnothing} \oplus 6414V^{(2),(1)} \oplus 1508V^{(2),(2)} \oplus 1092V^{(2),(1,1)} \oplus 101V^{(2),(3)} \oplus 75V^{(2),(2,1)} \oplus 2800V^{(1,1),\varnothing} \oplus 6414V^{(1,1),(1)} \oplus 1508V^{(1,1),(2)} \oplus 1092V^{(1,1),(1,1)} \oplus 101V^{(1,1),(3)} \oplus 75V^{(1,1),(2,1)} \oplus 1208V^{(3),\varnothing} \oplus 1432V^{(3),(1)} \oplus 85V^{(3),(2)} \oplus 43V^{(3),(1,1)} \oplus 1308V^{(2,1),\varnothing} \oplus 1512V^{(2,1),(1)} \oplus 89V^{(2,1),(2)} \oplus 45V^{(2,1),(1,1)} \oplus 1208V^{(1,1,1),\varnothing} \oplus 1432V^{(1,1,1),(1)} \oplus 85V^{(1,1,1),(2)} \oplus 43V^{(1,1,1),(1,1)} \oplus 228V^{(4),\varnothing} \oplus 19V^{(4),(1)} \oplus 432V^{(3,1),\varnothing} \oplus 25V^{(3,1),(1)} \oplus 432V^{(2,1,1),\varnothing} \oplus 25V^{(2,1,1),(1)} \oplus 228V^{(1,1,1,1),\varnothing} \oplus 19V^{(1,1,1,1),(1)} \oplus 3V^{(4,1),\varnothing} \oplus 4V^{(3,1,1),\varnothing} \oplus 3V^{(2,1,1,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 3120V^{\varnothing,(1)} \oplus 1736V^{\varnothing,(2)} \oplus 1268V^{\varnothing,(1,1)} \oplus 840V^{\varnothing,(3)} \oplus 580V^{\varnothing,(2,1)} \oplus 420V^{\varnothing,(4)} \oplus 270V^{\varnothing,(3,1)} \oplus 192V^{\varnothing,(5)} \oplus 116V^{\varnothing,(4,1)} \oplus V^{\varnothing,(6)} \oplus V^{\varnothing,(5,1)} \oplus 1620V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 5136V^{(1),(2)} \oplus 4352V^{(1),(1,1)} \oplus 2166V^{(1),(3)} \oplus 1758V^{(1),(2,1)} \oplus 632V^{(1),(4)} \oplus 468V^{(1),(3,1)} \oplus 11V^{(1),(5)} \oplus 9V^{(1),(4,1)} \oplus 1056V^{(2),\varnothing} \oplus 5136V^{(2),(1)} \oplus 2186V^{(2),(2)} \oplus 1718V^{(2),(1,1)} \oplus 588V^{(2),(3)} \oplus 424V^{(2),(2,1)} \oplus 35V^{(2),(4)} \oplus 27V^{(2),(3,1)} \oplus 1056V^{(1,1),\varnothing} \oplus 5136V^{(1,1),(1)} \oplus 2186V^{(1,1),(2)} \oplus 1718V^{(1,1),(1,1)} \oplus 588V^{(1,1),(3)} \oplus 424V^{(1,1),(2,1)} \oplus 35V^{(1,1),(4)} \oplus 27V^{(1,1),(3,1)} \oplus 592V^{(3),\varnothing} \oplus 2094V^{(3),(1)} \oplus 532V^{(3),(2)} \oplus 396V^{(3),(1,1)} \oplus 61V^{(3),(3)} \oplus 43V^{(3),(2,1)} \oplus 592V^{(2,1),\varnothing} \oplus 2166V^{(2,1),(1)} \oplus 564V^{(2,1),(2)} \oplus 412V^{(2,1),(1,1)} \oplus 65V^{(2,1),(3)} \oplus 45V^{(2,1),(2,1)} \oplus 592V^{(1,1,1),\varnothing} \oplus 2094V^{(1,1,1),(1)} \oplus 532V^{(1,1,1),(2)} \oplus 396V^{(1,1,1),(1,1)} \oplus 61V^{(1,1,1),(3)} \oplus 43V^{(1,1,1),(2,1)} \oplus 186V^{(4),\varnothing} \oplus 448V^{(4),(1)} \oplus 19V^{(4),(2)} \oplus 10V^{(4),(1,1)} \oplus 336V^{(3,1),\varnothing} \oplus 592V^{(3,1),(1)} \oplus 25V^{(3,1),(2)} \oplus 13V^{(3,1),(1,1)} \oplus 336V^{(2,1,1),\varnothing} \oplus 592V^{(2,1,1),(1)} \oplus 25V^{(2,1,1),(2)} \oplus 13V^{(2,1,1),(1,1)} \oplus 186V^{(1,1,1,1),\varnothing} \oplus 448V^{(1,1,1,1),(1)} \oplus 19V^{(1,1,1,1),(2)} \oplus 10V^{(1,1,1,1),(1,1)} \oplus 88V^{(4,1),\varnothing} \oplus 7V^{(4,1),(1)} \oplus 164V^{(3,1,1),\varnothing} \oplus 9V^{(3,1,1),(1)} \oplus 88V^{(2,1,1,1),\varnothing} \oplus 7V^{(2,1,1,1),(1)} \oplus V^{(4,1,1),\varnothing} \oplus V^{(3,1,1,1),\varnothing}$
$k = 7: \quad 400V^{\varnothing,(1)} \oplus 280V^{\varnothing,(2)} \oplus 280V^{\varnothing,(1,1)} \oplus 160V^{\varnothing,(3)} \oplus 160V^{\varnothing,(2,1)} \oplus 80V^{\varnothing,(4)} \oplus 80V^{\varnothing,(3,1)} \oplus 40V^{\varnothing,(5)} \oplus 40V^{\varnothing,(4,1)} \oplus 20V^{\varnothing,(6)} \oplus 20V^{\varnothing,(5,1)} \oplus 36V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2580V^{(1),(1,1)} \oplus 1360V^{(1),(3)} \oplus 1200V^{(1),(2,1)} \oplus 650V^{(1),(4)} \oplus 550V^{(1),(3,1)} \oplus 256V^{(1),(5)} \oplus 204V^{(1),(4,1)} \oplus 3V^{(1),(6)} \oplus 3V^{(1),(5,1)} \oplus 30V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1544V^{(2),(2)} \oplus 1316V^{(2),(1,1)} \oplus 738V^{(2),(3)} \oplus 594V^{(2),(2,1)} \oplus 232V^{(2),(4)} \oplus 168V^{(2),(3,1)} \oplus 11V^{(2),(5)} \oplus 9V^{(2),(4,1)} \oplus 30V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1544V^{(1,1),(2)} \oplus 1316V^{(1,1),(1,1)} \oplus 738V^{(1,1),(3)} \oplus 594V^{(1,1),(2,1)} \oplus 232V^{(1,1),(4)} \oplus 168V^{(1,1),(3,1)} \oplus 11V^{(1,1),(5)} \oplus 9V^{(1,1),(4,1)} \oplus 24V^{(3),\varnothing} \oplus 1360V^{(3),(1)} \oplus 714V^{(3),(2)} \oplus 582V^{(3),(1,1)} \oplus 220V^{(3),(3)} \oplus 160V^{(3),(2,1)} \oplus 25V^{(3),(4)} \oplus 19V^{(3),(3,1)} \oplus 24V^{(2,1),\varnothing} \oplus 1360V^{(2,1),(1)} \oplus 738V^{(2,1),(2)} \oplus 594V^{(2,1),(1,1)} \oplus 236V^{(2,1),(3)} \oplus 168V^{(2,1),(2,1)} \oplus 29V^{(2,1),(4)} \oplus 21V^{(2,1),(3,1)} \oplus 24V^{(1,1,1),\varnothing} \oplus 1360V^{(1,1,1),(1)} \oplus 714V^{(1,1,1),(2)} \oplus 582V^{(1,1,1),(1,1)} \oplus 220V^{(1,1,1),(3)} \oplus 160V^{(1,1,1),(2,1)} \oplus 25V^{(1,1,1),(4)} \oplus 19V^{(1,1,1),(3,1)} \oplus$

Table 93: Table for $\lambda = (4,1,1,1)$, $\mu = (5,2)$:

$k = 14: \quad 34V^{\varnothing,\varnothing}$
$k = 13: \quad 8132V^{\varnothing,\varnothing} \oplus 420V^{\varnothing,(1)} \oplus 260V^{(1),\varnothing}$
$k = 12: \quad 15332V^{\varnothing,\varnothing} \oplus 7984V^{\varnothing,(1)} \oplus 134V^{\varnothing,(2)} \oplus 125V^{\varnothing,(1,1)} \oplus 7880V^{(1),\varnothing} \oplus 1505V^{(1),(1)} \oplus 93V^{(2),\varnothing} \oplus 93V^{(1,1),\varnothing}$
$k = 11: \quad 15024V^{\varnothing,\varnothing} \oplus 13632V^{\varnothing,(1)} \oplus 3184V^{\varnothing,(2)} \oplus 2096V^{\varnothing,(1,1)} \oplus 40V^{\varnothing,(3)} \oplus 38V^{\varnothing,(2,1)} \oplus 13632V^{(1),\varnothing} \oplus 12176V^{(1),(1)} \oplus 479V^{(1),(2)} \oplus 447V^{(1),(1,1)} \oplus 2920V^{(2),\varnothing} \oplus 455V^{(2),(1)} \oplus 2920V^{(1,1),\varnothing} \oplus 455V^{(1,1),(1)} \oplus 30V^{(3),\varnothing} \oplus 32V^{(2,1),\varnothing} \oplus 30V^{(1,1,1),\varnothing}$
$k = 10: \quad 11116V^{\varnothing,\varnothing} \oplus 12568V^{\varnothing,(1)} \oplus 4924V^{\varnothing,(2)} \oplus 3166V^{\varnothing,(1,1)} \oplus 1240V^{\varnothing,(3)} \oplus 1136V^{\varnothing,(2,1)} \oplus 12V^{\varnothing,(4)} \oplus 12V^{\varnothing,(3,1)} \oplus 9V^{\varnothing,(2,2)} \oplus 11356V^{(1),\varnothing} \oplus 19922V^{(1),(1)} \oplus 4600V^{(1),(2)} \oplus 3648V^{(1),(1,1)} \oplus 143V^{(1),(3)} \oplus 137V^{(1),(2,1)} \oplus 4570V^{(2),\varnothing} \oplus 4216V^{(2),(1)} \oplus 293V^{(2),(2)} \oplus 267V^{(2),(1,1)} \oplus 4570V^{(1,1),\varnothing} \oplus 4216V^{(1,1),(1)} \oplus 293V^{(1,1),(2)} \oplus 267V^{(1,1),(1,1)} \oplus 1056V^{(3),\varnothing} \oplus 121V^{(3),(1)} \oplus 1160V^{(2,1),\varnothing} \oplus 125V^{(2,1),(1)} \oplus 1056V^{(1,1,1),\varnothing} \oplus 121V^{(1,1,1),(1)} \oplus 8V^{(4),\varnothing} \oplus 11V^{(3,1),\varnothing} \oplus 11V^{(2,1,1),\varnothing} \oplus 8V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 4840V^{\varnothing,\varnothing} \oplus 8360V^{\varnothing,(1)} \oplus 3680V^{\varnothing,(2)} \oplus 2480V^{\varnothing,(1,1)} \oplus 1560V^{\varnothing,(3)} \oplus 1460V^{\varnothing,(2,1)} \oplus 488V^{\varnothing,(4)} \oplus 488V^{\varnothing,(3,1)} \oplus 284V^{\varnothing,(2,2)} \oplus 3V^{\varnothing,(5)} \oplus 4V^{\varnothing,(4,1)} \oplus 3V^{\varnothing,(3,2)} \oplus 7136V^{(1),\varnothing} \oplus 17684V^{(1),(1)} \oplus 6954V^{(1),(2)} \oplus 5586V^{(1),(1,1)} \oplus 1728V^{(1),(3)} \oplus 1608V^{(1),(2,1)} \oplus 41V^{(1),(4)} \oplus 41V^{(1),(3,1)} \oplus 33V^{(1),(2,2)} \oplus 3120V^{(2),\varnothing} \oplus 6522V^{(2),(1)} \oplus 1676V^{(2),(2)} \oplus 1308V^{(2),(1,1)} \oplus 107V^{(2),(3)} \oplus 101V^{(2),(2,1)} \oplus 3120V^{(1,1),\varnothing} \oplus 6522V^{(1,1),(1)} \oplus 1676V^{(1,1),(2)} \oplus 1308V^{(1,1),(1,1)} \oplus 107V^{(1,1),(3)} \oplus 101V^{(1,1),(2,1)} \oplus 1352V^{(3),\varnothing} \oplus 1480V^{(3),(1)} \oplus 101V^{(3),(2)} \oplus 83V^{(3),(1,1)} \oplus 1452V^{(2,1),\varnothing} \oplus 1560V^{(2,1),(1)} \oplus 107V^{(2,1),(2)} \oplus 87V^{(2,1),(1,1)} \oplus 1352V^{(1,1,1),\varnothing} \oplus 1480V^{(1,1,1),(1)} \oplus 101V^{(1,1,1),(2)} \oplus 83V^{(1,1,1),(1,1)} \oplus 260V^{(4),\varnothing} \oplus 25V^{(4),(1)} \oplus 464V^{(3,1),\varnothing} \oplus 31V^{(3,1),(1)} \oplus 464V^{(2,1,1),\varnothing} \oplus 31V^{(2,1,1),(1)} \oplus 260V^{(1,1,1,1),\varnothing} \oplus 25V^{(1,1,1,1),(1)} \oplus 3V^{(4,1),\varnothing} \oplus 4V^{(3,1,1),\varnothing} \oplus 3V^{(2,1,1,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 3120V^{\varnothing,(1)} \oplus 1736V^{\varnothing,(2)} \oplus 1268V^{\varnothing,(1,1)} \oplus 840V^{\varnothing,(3)} \oplus 840V^{\varnothing,(2,1)} \oplus 420V^{\varnothing,(4)} \oplus 420V^{\varnothing,(3,1)} \oplus 270V^{\varnothing,(2,2)} \oplus 116V^{\varnothing,(5)} \oplus 192V^{\varnothing,(4,1)} \oplus 116V^{\varnothing,(3,2)} \oplus V^{\varnothing,(5,1)} \oplus V^{\varnothing,(4,2)} \oplus 2280V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 5280V^{(1),(2)} \oplus 4496V^{(1),(1,1)} \oplus 2274V^{(1),(3)} \oplus 2166V^{(1),(2,1)} \oplus 632V^{(1),(4)} \oplus 632V^{(1),(3,1)} \oplus 468V^{(1),(2,2)} \oplus 9V^{(1),(5)} \oplus 11V^{(1),(4,1)} \oplus 9V^{(1),(3,2)} \oplus 1356V^{(2),\varnothing} \oplus 5136V^{(2),(1)} \oplus 2330V^{(2),(2)} \oplus 1862V^{(2),(1,1)} \oplus 636V^{(2),(3)} \oplus 588V^{(2),(2,1)} \oplus 35V^{(2),(4)} \oplus 35V^{(2),(3,1)} \oplus 27V^{(2),(2,2)} \oplus 1356V^{(1,1),\varnothing} \oplus 5136V^{(1,1),(1)} \oplus 2330V^{(1,1),(2)} \oplus 1862V^{(1,1),(1,1)} \oplus 636V^{(1,1),(3)} \oplus 588V^{(1,1),(2,1)} \oplus 35V^{(1,1),(4)} \oplus 35V^{(1,1),(3,1)} \oplus 27V^{(1,1),(2,2)} \oplus 688V^{(3),\varnothing} \oplus 2094V^{(3),(1)} \oplus 588V^{(3),(2)} \oplus 452V^{(3),(1,1)} \oplus 65V^{(3),(3)} \oplus 61V^{(3),(2,1)} \oplus 688V^{(2,1),\varnothing} \oplus 2166V^{(2,1),(1)} \oplus 636V^{(2,1),(2)} \oplus 484V^{(2,1),(1,1)} \oplus 71V^{(2,1),(3)} \oplus 65V^{(2,1),(2,1)} \oplus 688V^{(1,1,1),\varnothing} \oplus 2094V^{(1,1,1),(1)} \oplus 588V^{(1,1,1),(2)} \oplus 452V^{(1,1,1),(1,1)} \oplus 65V^{(1,1,1),(3)} \oplus 61V^{(1,1,1),(2,1)} \oplus 234V^{(4),\varnothing} \oplus 448V^{(4),(1)} \oplus 27V^{(4),(2)} \oplus 18V^{(4),(1,1)} \oplus 384V^{(3,1),\varnothing} \oplus 592V^{(3,1),(1)} \oplus 35V^{(3,1),(2)} \oplus 23V^{(3,1),(1,1)} \oplus 384V^{(2,1,1),\varnothing} \oplus 592V^{(2,1,1),(1)} \oplus 35V^{(2,1,1),(2)} \oplus 23V^{(2,1,1),(1,1)} \oplus 234V^{(1,1,1,1),\varnothing} \oplus 448V^{(1,1,1,1),(1)} \oplus 27V^{(1,1,1,1),(2)} \oplus 18V^{(1,1,1,1),(1,1)} \oplus 104V^{(4,1),\varnothing} \oplus 7V^{(4,1),(1)} \oplus 180V^{(3,1,1),\varnothing} \oplus 9V^{(3,1,1),(1)} \oplus 104V^{(2,1,1,1),\varnothing} \oplus 7V^{(2,1,1,1),(1)} \oplus V^{(4,1,1),\varnothing} \oplus V^{(3,1,1,1),\varnothing}$
$k = 7:$ $400V^{\varnothing,(1)} \oplus 280V^{\varnothing,(2)} \oplus 280V^{\varnothing,(1,1)} \oplus 160V^{\varnothing,(3)} \oplus 160V^{\varnothing,(2,1)} \oplus 80V^{\varnothing,(4)} \oplus 80V^{\varnothing,(3,1)} \oplus 80V^{\varnothing,(2,2)} \oplus 40V^{\varnothing,(5)} \oplus 40V^{\varnothing,(4,1)} \oplus 40V^{\varnothing,(3,2)} \oplus 20V^{\varnothing,(5,1)} \oplus 20V^{\varnothing,(4,2)} \oplus 196V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2580V^{(1),(1,1)} \oplus 1360V^{(1),(3)} \oplus 1360V^{(1),(2,1)} \oplus 650V^{(1),(4)} \oplus 650V^{(1),(3,1)} \oplus 550V^{(1),(2,2)} \oplus 204V^{(1),(5)} \oplus 256V^{(1),(4,1)} \oplus 204V^{(1),(3,2)} \oplus 3V^{(1),(5,1)} \oplus 3V^{(1),(4,2)} \oplus 140V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1580V^{(2),(2)} \oplus 1352V^{(2),(1,1)} \oplus 774V^{(2),(3)} \oplus 738V^{(2),(2,1)} \oplus 232V^{(2),(4)} \oplus 232V^{(2),(3,1)} \oplus 168V^{(2),(2,2)} \oplus 9V^{(2),(5)} \oplus 11V^{(2),(4,1)} \oplus 9V^{(2),(3,2)} \oplus 140V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1580V^{(1,1),(2)} \oplus 1352V^{(1,1),(1,1)} \oplus 774V^{(1,1),(3)} \oplus 738V^{(1,1),(2,1)} \oplus 232V^{(1,1),(4)} \oplus 232V^{(1,1),(3,1)} \oplus 168V^{(1,1),(2,2)} \oplus 9V^{(1,1),(5)} \oplus 11V^{(1,1),(4,1)} \oplus$

Table 94: Table for $\lambda = (4,1,1,1)$, $\mu = (5,1,1)$:

$k = 14: \quad 180V^{\varnothing,\varnothing}$
$k = 13: \quad 8640V^{\varnothing,\varnothing} \oplus 422V^{\varnothing,(1)} \oplus 320V^{(1),\varnothing}$
$k = 12: \quad 15768V^{\varnothing,\varnothing} \oplus 8504V^{\varnothing,(1)} \oplus 134V^{\varnothing,(2)} \oplus 126V^{\varnothing,(1,1)} \oplus 8280V^{(1),\varnothing} \oplus 1511V^{(1),(1)} \oplus 117V^{(2),\varnothing} \oplus 117V^{(1,1),\varnothing}$
$k = 11: \quad 15514V^{\varnothing,\varnothing} \oplus 14532V^{\varnothing,(1)} \oplus 3184V^{\varnothing,(2)} \oplus 2856V^{\varnothing,(1,1)} \oplus 40V^{\varnothing,(3)} \oplus 38V^{\varnothing,(2,1)} \oplus 29V^{\varnothing,(1,1,1)} \oplus 14088V^{(1),\varnothing} \oplus 12776V^{(1),(1)} \oplus 479V^{(1),(2)} \oplus 449V^{(1),(1,1)} \oplus 3046V^{(2),\varnothing} \oplus 461V^{(2),(1)} \oplus 3046V^{(1,1),\varnothing} \oplus 461V^{(1,1),(1)} \oplus 37V^{(3),\varnothing} \oplus 39V^{(2,1),\varnothing} \oplus 37V^{(1,1,1),\varnothing}$
$k = 10: \quad 11480V^{\varnothing,\varnothing} \oplus 13208V^{\varnothing,(1)} \oplus 4924V^{\varnothing,(2)} \oplus 4516V^{\varnothing,(1,1)} \oplus 1240V^{\varnothing,(3)} \oplus 1136V^{\varnothing,(2,1)} \oplus 668V^{\varnothing,(1,1,1)} \oplus 12V^{\varnothing,(4)} \oplus 12V^{\varnothing,(3,1)} \oplus 9V^{\varnothing,(2,1,1)} \oplus 12422V^{(1),\varnothing} \oplus 20894V^{(1),(1)} \oplus 4600V^{(1),(2)} \oplus 4168V^{(1),(1,1)} \oplus 143V^{(1),(3)} \oplus 137V^{(1),(2,1)} \oplus 105V^{(1),(1,1,1)} \oplus 4674V^{(2),\varnothing} \oplus 4456V^{(2),(1)} \oplus 293V^{(2),(2)} \oplus 269V^{(2),(1,1)} \oplus 4674V^{(1,1),\varnothing} \oplus 4456V^{(1,1),(1)} \oplus 293V^{(1,1),(2)} \oplus 269V^{(1,1),(1,1)} \oplus 1086V^{(3),\varnothing} \oplus 125V^{(3),(1)} \oplus 1190V^{(2,1),\varnothing} \oplus 131V^{(2,1),(1)} \oplus 1086V^{(1,1,1),\varnothing} \oplus 125V^{(1,1,1),(1)} \oplus 9V^{(4),\varnothing} \oplus 12V^{(3,1),\varnothing} \oplus 12V^{(2,1,1),\varnothing} \oplus 9V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 5160V^{\varnothing,\varnothing} \oplus 8600V^{\varnothing,(1)} \oplus 3680V^{\varnothing,(2)} \oplus 3520V^{\varnothing,(1,1)} \oplus 1560V^{\varnothing,(3)} \oplus 1460V^{\varnothing,(2,1)} \oplus 910V^{\varnothing,(1,1,1)} \oplus 488V^{\varnothing,(4)} \oplus 488V^{\varnothing,(3,1)} \oplus 284V^{\varnothing,(2,1,1)} \oplus 3V^{\varnothing,(5)} \oplus 4V^{\varnothing,(4,1)} \oplus 3V^{\varnothing,(3,1,1)} \oplus 7425V^{(1),\varnothing} \oplus 18260V^{(1),(1)} \oplus 6954V^{(1),(2)} \oplus 6486V^{(1),(1,1)} \oplus 1728V^{(1),(3)} \oplus 1608V^{(1),(2,1)} \oplus 1184V^{(1),(1,1,1)} \oplus 41V^{(1),(4)} \oplus 41V^{(1),(3,1)} \oplus 33V^{(1),(2,1,1)} \oplus 3400V^{(2),\varnothing} \oplus 6846V^{(2),(1)} \oplus 1676V^{(2),(2)} \oplus 1508V^{(2),(1,1)} \oplus 107V^{(2),(3)} \oplus 101V^{(2),(2,1)} \oplus 75V^{(2),(1,1,1)} \oplus 3400V^{(1,1),\varnothing} \oplus 6846V^{(1,1),(1)} \oplus 1676V^{(1,1),(2)} \oplus 1508V^{(1,1),(1,1)} \oplus 107V^{(1,1),(3)} \oplus 101V^{(1,1),(2,1)} \oplus 75V^{(1,1),(1,1,1)} \oplus 1370V^{(3),\varnothing} \oplus 1560V^{(3),(1)} \oplus 101V^{(3),(2)} \oplus 85V^{(3),(1,1)} \oplus 1470V^{(2,1),\varnothing} \oplus 1680V^{(2,1),(1)} \oplus 107V^{(2,1),(2)} \oplus 89V^{(2,1),(1,1)} \oplus 1370V^{(1,1,1),\varnothing} \oplus 1560V^{(1,1,1),(1)} \oplus 101V^{(1,1,1),(2)} \oplus 85V^{(1,1,1),(1,1)} \oplus 264V^{(4),\varnothing} \oplus 27V^{(4),(1)} \oplus 468V^{(3,1),\varnothing} \oplus 35V^{(3,1),(1)} \oplus 468V^{(2,1,1),\varnothing} \oplus 35V^{(2,1,1),(1)} \oplus 264V^{(1,1,1,1),\varnothing} \oplus 27V^{(1,1,1,1),(1)} \oplus 3V^{(4,1),\varnothing} \oplus 4V^{(3,1,1),\varnothing} \oplus 3V^{(2,1,1,1),\varnothing}$
$k = 8: \quad 1020V^{\varnothing,\varnothing} \oplus 3120V^{\varnothing,(1)} \oplus 1736V^{\varnothing,(2)} \oplus 1736V^{\varnothing,(1,1)} \oplus 840V^{\varnothing,(3)} \oplus 840V^{\varnothing,(2,1)} \oplus 580V^{\varnothing,(1,1,1)} \oplus 420V^{\varnothing,(4)} \oplus 420V^{\varnothing,(3,1)} \oplus 270V^{\varnothing,(2,1,1)} \oplus 116V^{\varnothing,(5)} \oplus 192V^{\varnothing,(4,1)} \oplus 116V^{\varnothing,(3,1,1)} \oplus V^{\varnothing,(5,1)} \oplus V^{\varnothing,(4,1,1)} \oplus 2430V^{(1),\varnothing} \oplus 12068V^{(1),(1)} \oplus 5280V^{(1),(2)} \oplus 5136V^{(1),(1,1)} \oplus 2274V^{(1),(3)} \oplus 2166V^{(1),(2,1)} \oplus 1758V^{(1),(1,1,1)} \oplus 632V^{(1),(4)} \oplus 632V^{(1),(3,1)} \oplus 468V^{(1),(2,1,1)} \oplus 9V^{(1),(5)} \oplus 11V^{(1),(4,1)} \oplus 9V^{(1),(3,1,1)} \oplus 1461V^{(2),\varnothing} \oplus 5280V^{(2),(1)} \oplus 2330V^{(2),(2)} \oplus 2186V^{(2),(1,1)} \oplus 636V^{(2),(3)} \oplus 588V^{(2),(2,1)} \oplus 424V^{(2),(1,1,1)} \oplus 35V^{(2),(4)} \oplus 35V^{(2),(3,1)} \oplus 27V^{(2),(2,1,1)} \oplus 1461V^{(1,1),\varnothing} \oplus 5280V^{(1,1),(1)} \oplus 2330V^{(1,1),(2)} \oplus 2186V^{(1,1),(1,1)} \oplus 636V^{(1,1),(3)} \oplus 588V^{(1,1),(2,1)} \oplus 424V^{(1,1),(1,1,1)} \oplus 35V^{(1,1),(4)} \oplus 35V^{(1,1),(3,1)} \oplus 27V^{(1,1),(2,1,1)} \oplus 760V^{(3),\varnothing} \oplus 2166V^{(3),(1)} \oplus 588V^{(3),(2)} \oplus 532V^{(3),(1,1)} \oplus 65V^{(3),(3)} \oplus 61V^{(3),(2,1)} \oplus 43V^{(3),(1,1,1)} \oplus 760V^{(2,1),\varnothing} \oplus 2274V^{(2,1),(1)} \oplus 636V^{(2,1),(2)} \oplus 564V^{(2,1),(1,1)} \oplus 71V^{(2,1),(3)} \oplus 65V^{(2,1),(2,1)} \oplus 45V^{(2,1),(1,1,1)} \oplus 760V^{(1,1,1),\varnothing} \oplus 2166V^{(1,1,1),(1)} \oplus 588V^{(1,1,1),(2)} \oplus 532V^{(1,1,1),(1,1)} \oplus 65V^{(1,1,1),(3)} \oplus 61V^{(1,1,1),(2,1)} \oplus 43V^{(1,1,1),(1,1,1)} \oplus 240V^{(4),\varnothing} \oplus 468V^{(4),(1)} \oplus 27V^{(4),(2)} \oplus 19V^{(4),(1,1)} \oplus 390V^{(3,1),\varnothing} \oplus 632V^{(3,1),(1)} \oplus 35V^{(3,1),(2)} \oplus 25V^{(3,1),(1,1)} \oplus 390V^{(2,1,1),\varnothing} \oplus 632V^{(2,1,1),(1)} \oplus 35V^{(2,1,1),(2)} \oplus 25V^{(2,1,1),(1,1)} \oplus 240V^{(1,1,1,1),\varnothing} \oplus 468V^{(1,1,1,1),(1)} \oplus 27V^{(1,1,1,1),(2)} \oplus 19V^{(1,1,1,1),(1,1)} \oplus 106V^{(4,1),\varnothing} \oplus 9V^{(4,1),(1)} \oplus 182V^{(3,1,1),\varnothing} \oplus 11V^{(3,1,1),(1)} \oplus 106V^{(2,1,1,1),\varnothing} \oplus 9V^{(2,1,1,1),(1)} \oplus V^{(4,1,1),\varnothing} \oplus V^{(3,1,1,1),\varnothing}$
$k = 7:$ $400V^{\varnothing,(1)} \oplus 280V^{\varnothing,(2)} \oplus 280V^{\varnothing,(1,1)} \oplus 160V^{\varnothing,(3)} \oplus 160V^{\varnothing,(2,1)} \oplus 160V^{\varnothing,(1,1,1)} \oplus 80V^{\varnothing,(4)} \oplus 80V^{\varnothing,(3,1)} \oplus 80V^{\varnothing,(2,1,1)} \oplus 40V^{\varnothing,(5)} \oplus 40V^{\varnothing,(4,1)} \oplus 40V^{\varnothing,(3,1,1)} \oplus 20V^{\varnothing,(5,1)} \oplus 20V^{\varnothing,(4,1,1)} \oplus 225V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1360V^{(1),(3)} \oplus 1360V^{(1),(2,1)} \oplus 1200V^{(1),(1,1,1)} \oplus 650V^{(1),(4)} \oplus 650V^{(1),(3,1)} \oplus 550V^{(1),(2,1,1)} \oplus 204V^{(1),(5)} \oplus 256V^{(1),(4,1)} \oplus 204V^{(1),(3,1,1)} \oplus 3V^{(1),(5,1)} \oplus 3V^{(1),(4,1,1)} \oplus 165V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1580V^{(2),(2)} \oplus$

Table 95: Table for $\lambda = (4,1,1,1)$, $\mu = (4,3)$:

$k = 14: \quad 34V^{\varnothing,\varnothing}$
$k = 13: \quad 8132V^{\varnothing,\varnothing} \oplus 400V^{\varnothing,(1)} \oplus 258V^{(1),\varnothing}$
$k = 12: \quad 15332V^{\varnothing,\varnothing} \oplus 7824V^{\varnothing,(1)} \oplus 128V^{\varnothing,(2)} \oplus 125V^{\varnothing,(1,1)} \oplus 7876V^{(1),\varnothing} \oplus 1433V^{(1),(1)} \oplus 92V^{(2),\varnothing} \oplus 92V^{(1,1),\varnothing}$
$k = 11: \quad 15024V^{\varnothing,\varnothing} \oplus 13512V^{\varnothing,(1)} \oplus 3064V^{\varnothing,(2)} \oplus 2096V^{\varnothing,(1,1)} \oplus 38V^{\varnothing,(3)} \oplus 38V^{\varnothing,(2,1)} \oplus 13632V^{(1),\varnothing} \oplus 11888V^{(1),(1)} \oplus 455V^{(1),(2)} \oplus 447V^{(1),(1,1)} \oplus 2920V^{(2),\varnothing} \oplus 407V^{(2),(1)} \oplus 2920V^{(1,1),\varnothing} \oplus 407V^{(1,1),(1)} \oplus 30V^{(3),\varnothing} \oplus 32V^{(2,1),\varnothing} \oplus 30V^{(1,1,1),\varnothing}$
$k = 10: \quad 11116V^{\varnothing,\varnothing} \oplus 12568V^{\varnothing,(1)} \oplus 4816V^{\varnothing,(2)} \oplus 3166V^{\varnothing,(1,1)} \oplus 1136V^{\varnothing,(3)} \oplus 1136V^{\varnothing,(2,1)} \oplus 9V^{\varnothing,(4)} \oplus 12V^{\varnothing,(3,1)} \oplus 11V^{\varnothing,(2,2)} \oplus 11356V^{(1),\varnothing} \oplus 19778V^{(1),(1)} \oplus 4408V^{(1),(2)} \oplus 3648V^{(1),(1,1)} \oplus 137V^{(1),(3)} \oplus 137V^{(1),(2,1)} \oplus 4570V^{(2),\varnothing} \oplus 4120V^{(2),(1)} \oplus 275V^{(2),(2)} \oplus 267V^{(2),(1,1)} \oplus 4570V^{(1,1),\varnothing} \oplus 4120V^{(1,1),(1)} \oplus 275V^{(1,1),(2)} \oplus 267V^{(1,1),(1,1)} \oplus 1056V^{(3),\varnothing} \oplus 97V^{(3),(1)} \oplus 1160V^{(2,1),\varnothing} \oplus 101V^{(2,1),(1)} \oplus 1056V^{(1,1,1),\varnothing} \oplus 97V^{(1,1,1),(1)} \oplus 8V^{(4),\varnothing} \oplus 11V^{(3,1),\varnothing} \oplus 11V^{(2,1,1),\varnothing} \oplus 8V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 4840V^{\varnothing,\varnothing} \oplus 8360V^{\varnothing,(1)} \oplus 3680V^{\varnothing,(2)} \oplus 2480V^{\varnothing,(1,1)} \oplus 1460V^{\varnothing,(3)} \oplus 1460V^{\varnothing,(2,1)} \oplus 284V^{\varnothing,(4)} \oplus 488V^{\varnothing,(3,1)} \oplus 336V^{\varnothing,(2,2)} \oplus 3V^{\varnothing,(4,1)} \oplus 4V^{\varnothing,(3,2)} \oplus 7136V^{(1),\varnothing} \oplus 17684V^{(1),(1)} \oplus 6810V^{(1),(2)} \oplus 5586V^{(1),(1,1)} \oplus 1608V^{(1),(3)} \oplus 1608V^{(1),(2,1)} \oplus 33V^{(1),(4)} \oplus 41V^{(1),(3,1)} \oplus 39V^{(1),(2,2)} \oplus 3120V^{(2),\varnothing} \oplus 6522V^{(2),(1)} \oplus 1604V^{(2),(2)} \oplus 1308V^{(2),(1,1)} \oplus 101V^{(2),(3)} \oplus 101V^{(2),(2,1)} \oplus 3120V^{(1,1),\varnothing} \oplus 6522V^{(1,1),(1)} \oplus 1604V^{(1,1),(2)} \oplus 1308V^{(1,1),(1,1)} \oplus 101V^{(1,1),(3)} \oplus 101V^{(1,1),(2,1)} \oplus 1352V^{(3),\varnothing} \oplus 1480V^{(3),(1)} \oplus 89V^{(3),(2)} \oplus 83V^{(3),(1,1)} \oplus 1452V^{(2,1),\varnothing} \oplus 1560V^{(2,1),(1)} \oplus 95V^{(2,1),(2)} \oplus 87V^{(2,1),(1,1)} \oplus 1352V^{(1,1,1),\varnothing} \oplus 1480V^{(1,1,1),(1)} \oplus 89V^{(1,1,1),(2)} \oplus 83V^{(1,1,1),(1,1)} \oplus 260V^{(4),\varnothing} \oplus 25V^{(4),(1)} \oplus 464V^{(3,1),\varnothing} \oplus 31V^{(3,1),(1)} \oplus 464V^{(2,1,1),\varnothing} \oplus 31V^{(2,1,1),(1)} \oplus 260V^{(1,1,1,1),\varnothing} \oplus 25V^{(1,1,1,1),(1)} \oplus 3V^{(4,1),\varnothing} \oplus 4V^{(3,1,1),\varnothing} \oplus 3V^{(2,1,1,1),\varnothing}$
$k = 8:$ $720V^{\varnothing,\varnothing} \oplus 3120V^{\varnothing,(1)} \oplus 1736V^{\varnothing,(2)} \oplus 1268V^{\varnothing,(1,1)} \oplus 840V^{\varnothing,(3)} \oplus 840V^{\varnothing,(2,1)} \oplus 270V^{\varnothing,(4)} \oplus 420V^{\varnothing,(3,1)} \oplus 270V^{\varnothing,(2,2)} \oplus 116V^{\varnothing,(4,1)} \oplus 192V^{\varnothing,(3,2)} \oplus V^{\varnothing,(4,2)} \oplus V^{\varnothing,(3,3)} \oplus 2196V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 5280V^{(1),(2)} \oplus 4496V^{(1),(1,1)} \oplus 2166V^{(1),(3)} \oplus 2166V^{(1),(2,1)} \oplus 468V^{(1),(4)} \oplus 632V^{(1),(3,1)} \oplus 528V^{(1),(2,2)} \oplus 9V^{(1),(4,1)} \oplus 11V^{(1),(3,2)} \oplus 1356V^{(2),\varnothing} \oplus 5136V^{(2),(1)} \oplus 2294V^{(2),(2)} \oplus 1862V^{(2),(1,1)} \oplus 588V^{(2),(3)} \oplus 588V^{(2),(2,1)} \oplus 27V^{(2),(4)} \oplus 35V^{(2),(3,1)} \oplus 33V^{(2),(2,2)} \oplus 1356V^{(1,1),\varnothing} \oplus 5136V^{(1,1),(1)} \oplus 2294V^{(1,1),(2)} \oplus 1862V^{(1,1),(1,1)} \oplus 588V^{(1,1),(3)} \oplus 588V^{(1,1),(2,1)} \oplus 27V^{(1,1),(4)} \oplus 35V^{(1,1),(3,1)} \oplus 33V^{(1,1),(2,2)} \oplus 688V^{(3),\varnothing} \oplus 2094V^{(3),(1)} \oplus 564V^{(3),(2)} \oplus 452V^{(3),(1,1)} \oplus 61V^{(3),(3)} \oplus 61V^{(3),(2,1)} \oplus 688V^{(2,1),\varnothing} \oplus 2166V^{(2,1),(1)} \oplus 612V^{(2,1),(2)} \oplus 484V^{(2,1),(1,1)} \oplus 65V^{(2,1),(3)} \oplus 65V^{(2,1),(2,1)} \oplus 688V^{(1,1,1),\varnothing} \oplus 2094V^{(1,1,1),(1)} \oplus 564V^{(1,1,1),(2)} \oplus 452V^{(1,1,1),(1,1)} \oplus 61V^{(1,1,1),(3)} \oplus 61V^{(1,1,1),(2,1)} \oplus 234V^{(4),\varnothing} \oplus 448V^{(4),(1)} \oplus 21V^{(4),(2)} \oplus 18V^{(4),(1,1)} \oplus 384V^{(3,1),\varnothing} \oplus 592V^{(3,1),(1)} \oplus 29V^{(3,1),(2)} \oplus 23V^{(3,1),(1,1)} \oplus 384V^{(2,1,1),\varnothing} \oplus 592V^{(2,1,1),(1)} \oplus 29V^{(2,1,1),(2)} \oplus 23V^{(2,1,1),(1,1)} \oplus 234V^{(1,1,1,1),\varnothing} \oplus 448V^{(1,1,1,1),(1)} \oplus 21V^{(1,1,1,1),(2)} \oplus 18V^{(1,1,1,1),(1,1)} \oplus 104V^{(4,1),\varnothing} \oplus 7V^{(4,1),(1)} \oplus 180V^{(3,1,1),\varnothing} \oplus 9V^{(3,1,1),(1)} \oplus 104V^{(2,1,1,1),\varnothing} \oplus 7V^{(2,1,1,1),(1)} \oplus V^{(4,1,1),\varnothing} \oplus V^{(3,1,1,1),\varnothing}$
$k = 7: \quad 400V^{\varnothing,(1)} \oplus 280V^{\varnothing,(2)} \oplus 280V^{\varnothing,(1,1)} \oplus 160V^{\varnothing,(3)} \oplus 160V^{\varnothing,(2,1)} \oplus 80V^{\varnothing,(4)} \oplus 80V^{\varnothing,(3,1)} \oplus 80V^{\varnothing,(2,2)} \oplus 40V^{\varnothing,(4,1)} \oplus 40V^{\varnothing,(3,2)} \oplus 20V^{\varnothing,(4,2)} \oplus 20V^{\varnothing,(3,3)} \oplus 196V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2580V^{(1),(1,1)} \oplus 1360V^{(1),(3)} \oplus 1360V^{(1),(2,1)} \oplus 550V^{(1),(4)} \oplus 650V^{(1),(3,1)} \oplus 550V^{(1),(2,2)} \oplus 204V^{(1),(4,1)} \oplus 256V^{(1),(3,2)} \oplus 3V^{(1),(4,2)} \oplus 3V^{(1),(3,3)} \oplus 126V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1580V^{(2),(2)} \oplus 1352V^{(2),(1,1)} \oplus 738V^{(2),(3)} \oplus 738V^{(2),(2,1)} \oplus 168V^{(2),(4)} \oplus 232V^{(2),(3,1)} \oplus 192V^{(2),(2,2)} \oplus 9V^{(2),(4,1)} \oplus 11V^{(2),(3,2)} \oplus 126V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1580V^{(1,1),(2)} \oplus 1352V^{(1,1),(1,1)} \oplus 738V^{(1,1),(3)} \oplus 738V^{(1,1),(2,1)} \oplus 168V^{(1,1),(4)} \oplus 232V^{(1,1),(3,1)} \oplus 192V^{(1,1),(2,2)} \oplus 9V^{(1,1),(4,1)} \oplus 11V^{(1,1),(3,2)} \oplus 84V^{(3),\varnothing} \oplus 1360V^{(3),(1)} \oplus 738V^{(3),(2)} \oplus 606V^{(3),(1,1)} \oplus 220V^{(3),(3)} \oplus 220V^{(3),(2,1)} \oplus 19V^{(3),(4)} \oplus$

Table 96: Table for $\lambda = (4,1,1,1)$, $\mu = (4,2,1)$:

$k = 14: \quad 180V^{\varnothing,\varnothing}$
$k = 13: \quad 9040V^{\varnothing,\varnothing} \oplus 516V^{\varnothing,(1)} \oplus 742V^{(1),\varnothing}$
$k = 12: \quad 16568V^{\varnothing,\varnothing} \oplus 9040V^{\varnothing,(1)} \oplus 162V^{\varnothing,(2)} \oplus 160V^{\varnothing,(1,1)} \oplus 10092V^{(1),\varnothing} \oplus 1847V^{(1),(1)} \oplus 174V^{(2),\varnothing} \oplus 174V^{(1,1),\varnothing}$
$k = 11: \quad 16714V^{\varnothing,\varnothing} \oplus 14976V^{\varnothing,(1)} \oplus 3592V^{\varnothing,(2)} \oplus 3384V^{\varnothing,(1,1)} \oplus 46V^{\varnothing,(3)} \oplus 49V^{\varnothing,(2,1)} \oplus 37V^{\varnothing,(1,1,1)} \oplus 17160V^{(1),\varnothing} \oplus 13688V^{(1),(1)} \oplus 581V^{(1),(2)} \oplus 575V^{(1),(1,1)} \oplus 3598V^{(2),\varnothing} \oplus 647V^{(2),(1)} \oplus 3598V^{(1,1),\varnothing} \oplus 647V^{(1,1),(1)} \oplus 41V^{(3),\varnothing} \oplus 43V^{(2,1),\varnothing} \oplus 41V^{(1,1,1),\varnothing}$
$k = 10:$ $12680V^{\varnothing,\varnothing} \oplus 13352V^{\varnothing,(1)} \oplus 5332V^{\varnothing,(2)} \oplus 5032V^{\varnothing,(1,1)} \oplus 1300V^{\varnothing,(3)} \oplus 1708V^{\varnothing,(2,1)} \oplus 832V^{\varnothing,(1,1,1)} \oplus 11V^{\varnothing,(4)} \oplus 15V^{\varnothing,(3,1)} \oplus 12V^{\varnothing,(2,2)} \oplus 12V^{\varnothing,(2,1,1)} \oplus 16142V^{(1),\varnothing} \oplus 21470V^{(1),(1)} \oplus 5176V^{(1),(2)} \oplus 4936V^{(1),(1,1)} \oplus 167V^{(1),(3)} \oplus 175V^{(1),(2,1)} \oplus 135V^{(1),(1,1,1)} \oplus 5674V^{(2),\varnothing} \oplus 4696V^{(2),(1)} \oplus 365V^{(2),(2)} \oplus 359V^{(2),(1,1)} \oplus 5674V^{(1,1),\varnothing} \oplus 4696V^{(1,1),(1)} \oplus 365V^{(1,1),(2)} \oplus 359V^{(1,1),(1,1)} \oplus 1286V^{(3),\varnothing} \oplus 161V^{(3),(1)} \oplus 1390V^{(2,1),\varnothing} \oplus 167V^{(2,1),(1)} \oplus 1286V^{(1,1,1),\varnothing} \oplus 161V^{(1,1,1),(1)} \oplus 9V^{(4),\varnothing} \oplus 12V^{(3,1),\varnothing} \oplus 12V^{(2,1,1),\varnothing} \oplus 9V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 5960V^{\varnothing,\varnothing} \oplus 8600V^{\varnothing,(1)} \oplus 3840V^{\varnothing,(2)} \oplus 3680V^{\varnothing,(1,1)} \oplus 1560V^{\varnothing,(3)} \oplus 2110V^{\varnothing,(2,1)} \oplus 1010V^{\varnothing,(1,1,1)} \oplus 336V^{\varnothing,(4)} \oplus 692V^{\varnothing,(3,1)} \oplus 488V^{\varnothing,(2,2)} \oplus 488V^{\varnothing,(2,1,1)} \oplus 4V^{\varnothing,(4,1)} \oplus 4V^{\varnothing,(3,2)} \oplus 4V^{\varnothing,(3,1,1)} \oplus 3V^{\varnothing,(2,2,1)} \oplus 11665V^{(1),\varnothing} \oplus 18404V^{(1),(1)} \oplus 7422V^{(1),(2)} \oplus 7098V^{(1),(1,1)} \oplus 1824V^{(1),(3)} \oplus 2152V^{(1),(2,1)} \oplus 1400V^{(1),(1,1,1)} \oplus 39V^{(1),(4)} \oplus 49V^{(1),(3,1)} \oplus 41V^{(1),(2,2)} \oplus 41V^{(1),(2,1,1)} \oplus 4520V^{(2),\varnothing} \oplus 6954V^{(2),(1)} \oplus 1892V^{(2),(2)} \oplus 1796V^{(2),(1,1)} \oplus 125V^{(2),(3)} \oplus 133V^{(2),(2,1)} \oplus 99V^{(2),(1,1,1)} \oplus 4520V^{(1,1),\varnothing} \oplus 6954V^{(1,1),(1)} \oplus 1892V^{(1,1),(2)} \oplus 1796V^{(1,1),(1,1)} \oplus 125V^{(1,1),(3)} \oplus 133V^{(1,1),(2,1)} \oplus 99V^{(1,1),(1,1,1)} \oplus 1730V^{(3),\varnothing} \oplus 1608V^{(3),(1)} \oplus 141V^{(3),(2)} \oplus 137V^{(3),(1,1)} \oplus 1830V^{(2,1),\varnothing} \oplus 1728V^{(2,1),(1)} \oplus 149V^{(2,1),(2)} \oplus 143V^{(2,1),(1,1)} \oplus 1730V^{(1,1,1),\varnothing} \oplus 1608V^{(1,1,1),(1)} \oplus 141V^{(1,1,1),(2)} \oplus 137V^{(1,1,1),(1,1)} \oplus 344V^{(4),\varnothing} \oplus 33V^{(4),(1)} \oplus 548V^{(3,1),\varnothing} \oplus 41V^{(3,1),(1)} \oplus 548V^{(2,1,1),\varnothing} \oplus 41V^{(2,1,1),(1)} \oplus 344V^{(1,1,1,1),\varnothing} \oplus 33V^{(1,1,1,1),(1)} \oplus 3V^{(4,1),\varnothing} \oplus 4V^{(3,1,1),\varnothing} \oplus 3V^{(2,1,1,1),\varnothing}$
$k = 8: \quad 1420V^{\varnothing,\varnothing} \oplus 3120V^{\varnothing,(1)} \oplus 1736V^{\varnothing,(2)} \oplus 1736V^{\varnothing,(1,1)} \oplus 840V^{\varnothing,(3)} \oplus 1100V^{\varnothing,(2,1)} \oplus 580V^{\varnothing,(1,1,1)} \oplus 270V^{\varnothing,(4)} \oplus 570V^{\varnothing,(3,1)} \oplus 420V^{\varnothing,(2,2)} \oplus 420V^{\varnothing,(2,1,1)} \oplus 192V^{\varnothing,(4,1)} \oplus 192V^{\varnothing,(3,2)} \oplus 192V^{\varnothing,(3,1,1)} \oplus 116V^{\varnothing,(2,2,1)} \oplus V^{\varnothing,(4,2)} \oplus V^{\varnothing,(4,1,1)} \oplus V^{\varnothing,(3,2,1)} \oplus 5640V^{(1),\varnothing} \oplus 12068V^{(1),(1)} \oplus 5424V^{(1),(2)} \oplus 5280V^{(1),(1,1)} \oplus 2274V^{(1),(3)} \oplus 2682V^{(1),(2,1)} \oplus 1866V^{(1),(1,1,1)} \oplus 528V^{(1),(4)} \oplus 796V^{(1),(3,1)} \oplus 632V^{(1),(2,2)} \oplus 632V^{(1),(2,1,1)} \oplus 11V^{(1),(4,1)} \oplus 11V^{(1),(3,2)} \oplus 11V^{(1),(3,1,1)} \oplus 9V^{(1),(2,2,1)} \oplus 2511V^{(2),\varnothing} \oplus 5280V^{(2),(1)} \oplus 2474V^{(2),(2)} \oplus 2366V^{(2),(1,1)} \oplus 672V^{(2),(3)} \oplus 800V^{(2),(2,1)} \oplus 508V^{(2),(1,1,1)} \oplus 33V^{(2),(4)} \oplus 43V^{(2),(3,1)} \oplus 35V^{(2),(2,2)} \oplus 35V^{(2),(2,1,1)} \oplus 2511V^{(1,1),\varnothing} \oplus 5280V^{(1,1),(1)} \oplus 2474V^{(1,1),(2)} \oplus 2366V^{(1,1),(1,1)} \oplus 672V^{(1,1),(3)} \oplus 800V^{(1,1),(2,1)} \oplus 508V^{(1,1),(1,1,1)} \oplus 33V^{(1,1),(4)} \oplus 43V^{(1,1),(3,1)} \oplus 35V^{(1,1),(2,2)} \oplus 35V^{(1,1),(2,1,1)} \oplus 1080V^{(3),\varnothing} \oplus 2166V^{(3),(1)} \oplus 644V^{(3),(2)} \oplus 612V^{(3),(1,1)} \oplus 77V^{(3),(3)} \oplus 83V^{(3),(2,1)} \oplus 59V^{(3),(1,1,1)} \oplus 1080V^{(2,1),\varnothing} \oplus 2274V^{(2,1),(1)} \oplus 708V^{(2,1),(2)} \oplus 660V^{(2,1),(1,1)} \oplus 83V^{(2,1),(3)} \oplus 91V^{(2,1),(2,1)} \oplus 63V^{(2,1),(1,1,1)} \oplus 1080V^{(1,1,1),\varnothing} \oplus 2166V^{(1,1,1),(1)} \oplus 644V^{(1,1,1),(2)} \oplus 612V^{(1,1,1),(1,1)} \oplus 77V^{(1,1,1),(3)} \oplus 83V^{(1,1,1),(2,1)} \oplus 59V^{(1,1,1),(1,1,1)} \oplus 360V^{(4),\varnothing} \oplus 468V^{(4),(1)} \oplus 35V^{(4),(2)} \oplus 33V^{(4),(1,1)} \oplus 510V^{(3,1),\varnothing} \oplus 632V^{(3,1),(1)} \oplus 45V^{(3,1),(2)} \oplus 41V^{(3,1),(1,1)} \oplus 510V^{(2,1,1),\varnothing} \oplus 632V^{(2,1,1),(1)} \oplus 45V^{(2,1,1),(2)} \oplus 41V^{(2,1,1),(1,1)} \oplus 360V^{(1,1,1,1),\varnothing} \oplus 468V^{(1,1,1,1),(1)} \oplus 35V^{(1,1,1,1),(2)} \oplus 33V^{(1,1,1,1),(1,1)} \oplus 146V^{(4,1),\varnothing} \oplus 9V^{(4,1),(1)} \oplus 222V^{(3,1,1),\varnothing} \oplus 11V^{(3,1,1),(1)} \oplus 146V^{(2,1,1,1),\varnothing} \oplus 9V^{(2,1,1,1),(1)} \oplus V^{(4,1,1),\varnothing} \oplus V^{(3,1,1,1),\varnothing}$
$k = 7: \quad 400V^{\varnothing,(1)} \oplus 280V^{\varnothing,(2)} \oplus 280V^{\varnothing,(1,1)} \oplus 160V^{\varnothing,(3)} \oplus 160V^{\varnothing,(2,1)} \oplus 160V^{\varnothing,(1,1,1)} \oplus 80V^{\varnothing,(4)} \oplus 80V^{\varnothing,(3,1)} \oplus 80V^{\varnothing,(2,2)} \oplus 80V^{\varnothing,(2,1,1)} \oplus 40V^{\varnothing,(4,1)} \oplus 40V^{\varnothing,(3,2)} \oplus 40V^{\varnothing,(3,1,1)} \oplus 40V^{\varnothing,(2,2,1)} \oplus 20V^{\varnothing,(4,2)} \oplus 20V^{\varnothing,(4,1,1)} \oplus 20V^{\varnothing,(3,2,1)} \oplus 1225V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1360V^{(1),(3)} \oplus 1520V^{(1),(2,1)} \oplus 1200V^{(1),(1,1,1)} \oplus 550V^{(1),(4)} \oplus$

Table 97: Table for $\lambda = (4,1,1,1)$, $\mu = (4,1,1,1)$:

$k = 14: \quad 697V^{\varnothing,\varnothing}$
$k = 13: \quad 8920V^{\varnothing,\varnothing} \oplus 428V^{\varnothing,(1)} \oplus 428V^{(1),\varnothing}$
$k = 12: \quad 16018V^{\varnothing,\varnothing} \oplus 8744V^{\varnothing,(1)} \oplus 134V^{\varnothing,(2)} \oplus 134V^{\varnothing,(1,1)} \oplus 8744V^{(1),\varnothing} \oplus 1535V^{(1),(1)} \oplus 134V^{(2),\varnothing} \oplus 134V^{(1,1),\varnothing}$
$k = 11: \quad 15820V^{\varnothing,\varnothing} \oplus 14856V^{\varnothing,(1)} \oplus 3184V^{\varnothing,(2)} \oplus 3184V^{\varnothing,(1,1)} \oplus 38V^{\varnothing,(3)} \oplus 40V^{\varnothing,(2,1)} \oplus 38V^{\varnothing,(1,1,1)} \oplus 14856V^{(1),\varnothing} \oplus 13160V^{(1),(1)} \oplus 479V^{(1),(2)} \oplus 479V^{(1),(1,1)} \oplus 3184V^{(2),\varnothing} \oplus 479V^{(2),(1)} \oplus 3184V^{(1,1),\varnothing} \oplus 479V^{(1,1),(1)} \oplus 38V^{(3),\varnothing} \oplus 40V^{(2,1),\varnothing} \oplus 38V^{(1,1,1),\varnothing}$
$k = 10:$ $12180V^{\varnothing,\varnothing} \oplus 13352V^{\varnothing,(1)} \oplus 4924V^{\varnothing,(2)} \oplus 4924V^{\varnothing,(1,1)} \oplus 1136V^{\varnothing,(3)} \oplus 1240V^{\varnothing,(2,1)} \oplus 1136V^{\varnothing,(1,1,1)} \oplus 9V^{\varnothing,(4)} \oplus 12V^{\varnothing,(3,1)} \oplus 12V^{\varnothing,(2,1,1)} \oplus 9V^{\varnothing,(1,1,1,1)} \oplus 13352V^{(1),\varnothing} \oplus 21326V^{(1),(1)} \oplus 4600V^{(1),(2)} \oplus 4600V^{(1),(1,1)} \oplus 137V^{(1),(3)} \oplus 143V^{(1),(2,1)} \oplus 137V^{(1),(1,1,1)} \oplus 4924V^{(2),\varnothing} \oplus 4600V^{(2),(1)} \oplus 293V^{(2),(2)} \oplus 293V^{(2),(1,1)} \oplus 4924V^{(1,1),\varnothing} \oplus 4600V^{(1,1),(1)} \oplus 293V^{(1,1),(2)} \oplus 293V^{(1,1),(1,1)} \oplus 1136V^{(3),\varnothing} \oplus 137V^{(3),(1)} \oplus 1240V^{(2,1),\varnothing} \oplus 143V^{(2,1),(1)} \oplus 1136V^{(1,1,1),\varnothing} \oplus 137V^{(1,1,1),(1)} \oplus 9V^{(4),\varnothing} \oplus 12V^{(3,1),\varnothing} \oplus 12V^{(2,1,1),\varnothing} \oplus 9V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 5760V^{\varnothing,\varnothing} \oplus 8600V^{\varnothing,(1)} \oplus 3680V^{\varnothing,(2)} \oplus 3680V^{\varnothing,(1,1)} \oplus 1460V^{\varnothing,(3)} \oplus 1560V^{\varnothing,(2,1)} \oplus 1460V^{\varnothing,(1,1,1)} \oplus 284V^{\varnothing,(4)} \oplus 488V^{\varnothing,(3,1)} \oplus 488V^{\varnothing,(2,1,1)} \oplus 284V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(4,1)} \oplus 4V^{\varnothing,(3,1,1)} \oplus 3V^{\varnothing,(2,1,1,1)} \oplus 8600V^{(1),\varnothing} \oplus 18404V^{(1),(1)} \oplus 6954V^{(1),(2)} \oplus 6954V^{(1),(1,1)} \oplus 1608V^{(1),(3)} \oplus 1728V^{(1),(2,1)} \oplus 1608V^{(1),(1,1,1)} \oplus 33V^{(1),(4)} \oplus 41V^{(1),(3,1)} \oplus 41V^{(1),(2,1,1)} \oplus 33V^{(1),(1,1,1,1)} \oplus 3680V^{(2),\varnothing} \oplus 6954V^{(2),(1)} \oplus 1676V^{(2),(2)} \oplus 1676V^{(2),(1,1)} \oplus 101V^{(2),(3)} \oplus 107V^{(2),(2,1)} \oplus 101V^{(2),(1,1,1)} \oplus 3680V^{(1,1),\varnothing} \oplus 6954V^{(1,1),(1)} \oplus 1676V^{(1,1),(2)} \oplus 1676V^{(1,1),(1,1)} \oplus 101V^{(1,1),(3)} \oplus 107V^{(1,1),(2,1)} \oplus 101V^{(1,1),(1,1,1)} \oplus 1460V^{(3),\varnothing} \oplus 1608V^{(3),(1)} \oplus 101V^{(3),(2)} \oplus 101V^{(3),(1,1)} \oplus 1560V^{(2,1),\varnothing} \oplus 1728V^{(2,1),(1)} \oplus 107V^{(2,1),(2)} \oplus 107V^{(2,1),(1,1)} \oplus 1460V^{(1,1,1),\varnothing} \oplus 1608V^{(1,1,1),(1)} \oplus 101V^{(1,1,1),(2)} \oplus 101V^{(1,1,1),(1,1)} \oplus 284V^{(4),\varnothing} \oplus 33V^{(4),(1)} \oplus 488V^{(3,1),\varnothing} \oplus 41V^{(3,1),(1)} \oplus 488V^{(2,1,1),\varnothing} \oplus 41V^{(2,1,1),(1)} \oplus 284V^{(1,1,1,1),\varnothing} \oplus 33V^{(1,1,1,1),(1)} \oplus 3V^{(4,1),\varnothing} \oplus 4V^{(3,1,1),\varnothing} \oplus 3V^{(2,1,1,1),\varnothing}$
$k = 8: \quad 1520V^{\varnothing,\varnothing} \oplus 3120V^{\varnothing,(1)} \oplus 1736V^{\varnothing,(2)} \oplus 1736V^{\varnothing,(1,1)} \oplus 840V^{\varnothing,(3)} \oplus 840V^{\varnothing,(2,1)} \oplus 840V^{\varnothing,(1,1,1)} \oplus 270V^{\varnothing,(4)} \oplus 420V^{\varnothing,(3,1)} \oplus 420V^{\varnothing,(2,1,1)} \oplus 270V^{\varnothing,(1,1,1,1)} \oplus 116V^{\varnothing,(4,1)} \oplus 192V^{\varnothing,(3,1,1)} \oplus 116V^{\varnothing,(2,1,1,1)} \oplus V^{\varnothing,(4,1,1)} \oplus V^{\varnothing,(3,1,1,1)} \oplus 3120V^{(1),\varnothing} \oplus 12068V^{(1),(1)} \oplus 5280V^{(1),(2)} \oplus 5280V^{(1),(1,1)} \oplus 2166V^{(1),(3)} \oplus 2274V^{(1),(2,1)} \oplus 2166V^{(1),(1,1,1)} \oplus 468V^{(1),(4)} \oplus 632V^{(1),(3,1)} \oplus 632V^{(1),(2,1,1)} \oplus 468V^{(1),(1,1,1,1)} \oplus 9V^{(1),(4,1)} \oplus 11V^{(1),(3,1,1)} \oplus 9V^{(1),(2,1,1,1)} \oplus 1736V^{(2),\varnothing} \oplus 5280V^{(2),(1)} \oplus 2330V^{(2),(2)} \oplus 2330V^{(2),(1,1)} \oplus 588V^{(2),(3)} \oplus 636V^{(2),(2,1)} \oplus 588V^{(2),(1,1,1)} \oplus 27V^{(2),(4)} \oplus 35V^{(2),(3,1)} \oplus 35V^{(2),(2,1,1)} \oplus 27V^{(2),(1,1,1,1)} \oplus 1736V^{(1,1),\varnothing} \oplus 5280V^{(1,1),(1)} \oplus 2330V^{(1,1),(2)} \oplus 2330V^{(1,1),(1,1)} \oplus 588V^{(1,1),(3)} \oplus 636V^{(1,1),(2,1)} \oplus 588V^{(1,1),(1,1,1)} \oplus 27V^{(1,1),(4)} \oplus 35V^{(1,1),(3,1)} \oplus 35V^{(1,1),(2,1,1)} \oplus 27V^{(1,1),(1,1,1,1)} \oplus 840V^{(3),\varnothing} \oplus 2166V^{(3),(1)} \oplus 588V^{(3),(2)} \oplus 588V^{(3),(1,1)} \oplus 61V^{(3),(3)} \oplus 65V^{(3),(2,1)} \oplus 61V^{(3),(1,1,1)} \oplus 840V^{(2,1),\varnothing} \oplus 2274V^{(2,1),(1)} \oplus 636V^{(2,1),(2)} \oplus 636V^{(2,1),(1,1)} \oplus 65V^{(2,1),(3)} \oplus 71V^{(2,1),(2,1)} \oplus 65V^{(2,1),(1,1,1)} \oplus 840V^{(1,1,1),\varnothing} \oplus 2166V^{(1,1,1),(1)} \oplus 588V^{(1,1,1),(2)} \oplus 588V^{(1,1,1),(1,1)} \oplus 61V^{(1,1,1),(3)} \oplus 65V^{(1,1,1),(2,1)} \oplus 61V^{(1,1,1),(1,1,1)} \oplus 270V^{(4),\varnothing} \oplus 468V^{(4),(1)} \oplus 27V^{(4),(2)} \oplus 27V^{(4),(1,1)} \oplus 420V^{(3,1),\varnothing} \oplus 632V^{(3,1),(1)} \oplus 35V^{(3,1),(2)} \oplus 35V^{(3,1),(1,1)} \oplus 420V^{(2,1,1),\varnothing} \oplus 632V^{(2,1,1),(1)} \oplus 35V^{(2,1,1),(2)} \oplus 35V^{(2,1,1),(1,1)} \oplus 270V^{(1,1,1,1),\varnothing} \oplus 468V^{(1,1,1,1),(1)} \oplus 27V^{(1,1,1,1),(2)} \oplus 27V^{(1,1,1,1),(1,1)} \oplus 116V^{(4,1),\varnothing} \oplus 9V^{(4,1),(1)} \oplus 192V^{(3,1,1),\varnothing} \oplus 11V^{(3,1,1),(1)} \oplus 116V^{(2,1,1,1),\varnothing} \oplus 9V^{(2,1,1,1),(1)} \oplus V^{(4,1,1),\varnothing} \oplus V^{(3,1,1,1),\varnothing}$
$k = 7: \quad 400V^{\varnothing,\varnothing} \oplus 400V^{\varnothing,(1)} \oplus 280V^{\varnothing,(2)} \oplus 280V^{\varnothing,(1,1)} \oplus 160V^{\varnothing,(3)} \oplus 160V^{\varnothing,(2,1)} \oplus 160V^{\varnothing,(1,1,1)} \oplus 80V^{\varnothing,(4)} \oplus 80V^{\varnothing,(3,1)} \oplus 80V^{\varnothing,(2,1,1)} \oplus 80V^{\varnothing,(1,1,1,1)} \oplus 40V^{\varnothing,(4,1)} \oplus 40V^{\varnothing,(3,1,1)} \oplus 40V^{\varnothing,(2,1,1,1)} \oplus 20V^{\varnothing,(4,1,1)} \oplus 20V^{\varnothing,(3,1,1,1)} \oplus 400V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1360V^{(1),(3)} \oplus 1360V^{(1),(2,1)} \oplus 1360V^{(1),(1,1,1)} \oplus 550V^{(1),(4)} \oplus 650V^{(1),(3,1)} \oplus 650V^{(1),(2,1,1)} \oplus 550V^{(1),(1,1,1,1)} \oplus 204V^{(1),(4,1)} \oplus$

Table 98: Table for $\lambda = (4,1,1,1)$, $\mu = (3,3,1)$:

$k = 14: \quad 63V^{\varnothing,\varnothing}$
$k = 13: \quad 8580V^{\varnothing,\varnothing} \oplus 422V^{\varnothing,(1)} \oplus 551V^{(1),\varnothing}$
$k = 12: \quad 15958V^{\varnothing,\varnothing} \oplus 8504V^{\varnothing,(1)} \oplus 134V^{\varnothing,(2)} \oplus 134V^{\varnothing,(1,1)} \oplus 8940V^{(1),\varnothing} \oplus 1511V^{(1),(1)} \oplus 156V^{(2),\varnothing} \oplus 156V^{(1,1),\varnothing}$
$k = 11: \quad 15868V^{\varnothing,\varnothing} \oplus 14532V^{\varnothing,(1)} \oplus 3184V^{\varnothing,(2)} \oplus 3184V^{\varnothing,(1,1)} \oplus 37V^{\varnothing,(3)} \oplus 41V^{\varnothing,(2,1)} \oplus 31V^{\varnothing,(1,1,1)} \oplus 15042V^{(1),\varnothing} \oplus 12776V^{(1),(1)} \oplus 479V^{(1),(2)} \oplus 479V^{(1),(1,1)} \oplus 3226V^{(2),\varnothing} \oplus 461V^{(2),(1)} \oplus 3226V^{(1,1),\varnothing} \oplus 461V^{(1,1),(1)} \oplus 40V^{(3),\varnothing} \oplus 42V^{(2,1),\varnothing} \oplus 40V^{(1,1,1),\varnothing}$
$k = 10: \quad 11420V^{\varnothing,\varnothing} \oplus 13208V^{\varnothing,(1)} \oplus 4924V^{\varnothing,(2)} \oplus 4924V^{\varnothing,(1,1)} \oplus 832V^{\varnothing,(3)} \oplus 1544V^{\varnothing,(2,1)} \oplus 772V^{\varnothing,(1,1,1)} \oplus 12V^{\varnothing,(3,1)} \oplus 12V^{\varnothing,(2,2)} \oplus 10V^{\varnothing,(2,1,1)} \oplus 13538V^{(1),\varnothing} \oplus 20894V^{(1),(1)} \oplus 4600V^{(1),(2)} \oplus 4600V^{(1),(1,1)} \oplus 135V^{(1),(3)} \oplus 145V^{(1),(2,1)} \oplus 111V^{(1),(1,1,1)} \oplus 4974V^{(2),\varnothing} \oplus 4456V^{(2),(1)} \oplus 293V^{(2),(2)} \oplus 293V^{(2),(1,1)} \oplus 4974V^{(1,1),\varnothing} \oplus 4456V^{(1,1),(1)} \oplus 293V^{(1,1),(2)} \oplus 293V^{(1,1),(1,1)} \oplus 1146V^{(3),\varnothing} \oplus 125V^{(3),(1)} \oplus 1250V^{(2,1),\varnothing} \oplus 131V^{(2,1),(1)} \oplus 1146V^{(1,1,1),\varnothing} \oplus 125V^{(1,1,1),(1)} \oplus 9V^{(4),\varnothing} \oplus 12V^{(3,1),\varnothing} \oplus 12V^{(2,1,1),\varnothing} \oplus 9V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 4980V^{\varnothing,\varnothing} \oplus 8600V^{\varnothing,(1)} \oplus 3680V^{\varnothing,(2)} \oplus 3680V^{\varnothing,(1,1)} \oplus 1010V^{\varnothing,(3)} \oplus 2010V^{\varnothing,(2,1)} \oplus 1010V^{\varnothing,(1,1,1)} \oplus 488V^{\varnothing,(3,1)} \oplus 488V^{\varnothing,(2,2)} \oplus 436V^{\varnothing,(2,1,1)} \oplus 4V^{\varnothing,(3,2)} \oplus 3V^{\varnothing,(3,1,1)} \oplus 3V^{\varnothing,(2,2,1)} \oplus 8634V^{(1),\varnothing} \oplus 18260V^{(1),(1)} \oplus 6954V^{(1),(2)} \oplus 6954V^{(1),(1,1)} \oplus 1400V^{(1),(3)} \oplus 1936V^{(1),(2,1)} \oplus 1304V^{(1),(1,1,1)} \oplus 41V^{(1),(3,1)} \oplus 41V^{(1),(2,2)} \oplus 35V^{(1),(2,1,1)} \oplus 3736V^{(2),\varnothing} \oplus 6846V^{(2),(1)} \oplus 1676V^{(2),(2)} \oplus 1676V^{(2),(1,1)} \oplus 99V^{(2),(3)} \oplus 109V^{(2),(2,1)} \oplus 81V^{(2),(1,1,1)} \oplus 3736V^{(1,1),\varnothing} \oplus 6846V^{(1,1),(1)} \oplus 1676V^{(1,1),(2)} \oplus 1676V^{(1,1),(1,1)} \oplus 99V^{(1,1),(3)} \oplus 109V^{(1,1),(2,1)} \oplus 81V^{(1,1),(1,1,1)} \oplus 1478V^{(3),\varnothing} \oplus 1560V^{(3),(1)} \oplus 101V^{(3),(2)} \oplus 101V^{(3),(1,1)} \oplus 1578V^{(2,1),\varnothing} \oplus 1680V^{(2,1),(1)} \oplus 107V^{(2,1),(2)} \oplus 107V^{(2,1),(1,1)} \oplus 1478V^{(1,1,1),\varnothing} \oplus 1560V^{(1,1,1),(1)} \oplus 101V^{(1,1,1),(2)} \oplus 101V^{(1,1,1),(1,1)} \oplus 288V^{(4),\varnothing} \oplus 27V^{(4),(1)} \oplus 492V^{(3,1),\varnothing} \oplus 35V^{(3,1),(1)} \oplus 492V^{(2,1,1),\varnothing} \oplus 35V^{(2,1,1),(1)} \oplus 288V^{(1,1,1,1),\varnothing} \oplus 27V^{(1,1,1,1),(1)} \oplus 3V^{(4,1),\varnothing} \oplus 4V^{(3,1,1),\varnothing} \oplus 3V^{(2,1,1,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 3120V^{\varnothing,(1)} \oplus 1736V^{\varnothing,(2)} \oplus 1736V^{\varnothing,(1,1)} \oplus 580V^{\varnothing,(3)} \oplus 1100V^{\varnothing,(2,1)} \oplus 580V^{\varnothing,(1,1,1)} \oplus 420V^{\varnothing,(3,1)} \oplus 420V^{\varnothing,(2,2)} \oplus 420V^{\varnothing,(2,1,1)} \oplus 192V^{\varnothing,(3,2)} \oplus 116V^{\varnothing,(3,1,1)} \oplus 116V^{\varnothing,(2,2,1)} \oplus V^{\varnothing,(3,3)} \oplus V^{\varnothing,(3,2,1)} \oplus 3456V^{(1),\varnothing} \oplus 12068V^{(1),(1)} \oplus 5280V^{(1),(2)} \oplus 5280V^{(1),(1,1)} \oplus 1866V^{(1),(3)} \oplus 2574V^{(1),(2,1)} \oplus 1866V^{(1),(1,1,1)} \oplus 632V^{(1),(3,1)} \oplus 632V^{(1),(2,2)} \oplus 572V^{(1),(2,1,1)} \oplus 11V^{(1),(3,2)} \oplus 9V^{(1),(3,1,1)} \oplus 9V^{(1),(2,2,1)} \oplus 1776V^{(2),\varnothing} \oplus 5280V^{(2),(1)} \oplus 2330V^{(2),(2)} \oplus 2330V^{(2),(1,1)} \oplus 508V^{(2),(3)} \oplus 716V^{(2),(2,1)} \oplus 472V^{(2),(1,1,1)} \oplus 35V^{(2),(3,1)} \oplus 35V^{(2),(2,2)} \oplus 29V^{(2),(2,1,1)} \oplus 1776V^{(1,1),\varnothing} \oplus 5280V^{(1,1),(1)} \oplus 2330V^{(1,1),(2)} \oplus 2330V^{(1,1),(1,1)} \oplus 508V^{(1,1),(3)} \oplus 716V^{(1,1),(2,1)} \oplus 472V^{(1,1),(1,1,1)} \oplus 35V^{(1,1),(3,1)} \oplus 35V^{(1,1),(2,2)} \oplus 29V^{(1,1),(2,1,1)} \oplus 856V^{(3),\varnothing} \oplus 2166V^{(3),(1)} \oplus 588V^{(3),(2)} \oplus 588V^{(3),(1,1)} \oplus 59V^{(3),(3)} \oplus 67V^{(3),(2,1)} \oplus 47V^{(3),(1,1,1)} \oplus 856V^{(2,1),\varnothing} \oplus 2274V^{(2,1),(1)} \oplus 636V^{(2,1),(2)} \oplus 636V^{(2,1),(1,1)} \oplus 63V^{(2,1),(3)} \oplus 73V^{(2,1),(2,1)} \oplus 51V^{(2,1),(1,1,1)} \oplus 856V^{(1,1,1),\varnothing} \oplus 2166V^{(1,1,1),(1)} \oplus 588V^{(1,1,1),(2)} \oplus 588V^{(1,1,1),(1,1)} \oplus 59V^{(1,1,1),(3)} \oplus 67V^{(1,1,1),(2,1)} \oplus 47V^{(1,1,1),(1,1,1)} \oplus 276V^{(4),\varnothing} \oplus 468V^{(4),(1)} \oplus 27V^{(4),(2)} \oplus 27V^{(4),(1,1)} \oplus 426V^{(3,1),\varnothing} \oplus 632V^{(3,1),(1)} \oplus 35V^{(3,1),(2)} \oplus 35V^{(3,1),(1,1)} \oplus 426V^{(2,1,1),\varnothing} \oplus 632V^{(2,1,1),(1)} \oplus 35V^{(2,1,1),(2)} \oplus 35V^{(2,1,1),(1,1)} \oplus 276V^{(1,1,1,1),\varnothing} \oplus 468V^{(1,1,1,1),(1)} \oplus 27V^{(1,1,1,1),(2)} \oplus 27V^{(1,1,1,1),(1,1)} \oplus 118V^{(4,1),\varnothing} \oplus 9V^{(4,1),(1)} \oplus 194V^{(3,1,1),\varnothing} \oplus 11V^{(3,1,1),(1)} \oplus 118V^{(2,1,1,1),\varnothing} \oplus 9V^{(2,1,1,1),(1)} \oplus V^{(4,1,1),\varnothing} \oplus V^{(3,1,1,1),\varnothing}$
$k = 7: \quad 400V^{\varnothing,(1)} \oplus 280V^{\varnothing,(2)} \oplus 280V^{\varnothing,(1,1)} \oplus 160V^{\varnothing,(3)} \oplus 160V^{\varnothing,(2,1)} \oplus 160V^{\varnothing,(1,1,1)} \oplus 80V^{\varnothing,(3,1)} \oplus 80V^{\varnothing,(2,2)} \oplus 80V^{\varnothing,(2,1,1)} \oplus 40V^{\varnothing,(3,2)} \oplus 40V^{\varnothing,(3,1,1)} \oplus 40V^{\varnothing,(2,2,1)} \oplus 20V^{\varnothing,(3,3)} \oplus 20V^{\varnothing,(3,2,1)} \oplus 441V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1200V^{(1),(3)} \oplus 1520V^{(1),(2,1)} \oplus 1200V^{(1),(1,1,1)} \oplus 650V^{(1),(3,1)} \oplus 650V^{(1),(2,2)} \oplus 650V^{(1),(2,1,1)} \oplus 256V^{(1),(3,2)} \oplus 204V^{(1),(3,1,1)} \oplus 204V^{(1),(2,2,1)} \oplus 3V^{(1),(3,3)} \oplus 3V^{(1),(3,2,1)} \oplus 336V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1580V^{(2),(2)} \oplus 1580V^{(2),(1,1)} \oplus 630V^{(2),(3)} \oplus 882V^{(2),(2,1)} \oplus$

Table 99: Table for $\lambda = (4,1,1,1)$, $\mu = (3,2,2)$:

$k = 14: \quad 63V^{\varnothing,\varnothing}$
$k = 13: \quad 8580V^{\varnothing,\varnothing} \oplus 422V^{\varnothing,(1)} \oplus 551V^{(1),\varnothing}$
$k = 12: \quad 15958V^{\varnothing,\varnothing} \oplus 8504V^{\varnothing,(1)} \oplus 134V^{\varnothing,(2)} \oplus 134V^{\varnothing,(1,1)} \oplus 8940V^{(1),\varnothing} \oplus 1511V^{(1),(1)} \oplus 156V^{(2),\varnothing} \oplus 156V^{(1,1),\varnothing}$
$k = 11: \quad 15868V^{\varnothing,\varnothing} \oplus 14532V^{\varnothing,(1)} \oplus 3184V^{\varnothing,(2)} \oplus 3184V^{\varnothing,(1,1)} \oplus 31V^{\varnothing,(3)} \oplus 41V^{\varnothing,(2,1)} \oplus 37V^{\varnothing,(1,1,1)} \oplus 15042V^{(1),\varnothing} \oplus 12776V^{(1),(1)} \oplus 479V^{(1),(2)} \oplus 479V^{(1),(1,1)} \oplus 3226V^{(2),\varnothing} \oplus 461V^{(2),(1)} \oplus 3226V^{(1,1),\varnothing} \oplus 461V^{(1,1),(1)} \oplus 40V^{(3),\varnothing} \oplus 42V^{(2,1),\varnothing} \oplus 40V^{(1,1,1),\varnothing}$
$k = 10: \quad 11420V^{\varnothing,\varnothing} \oplus 13208V^{\varnothing,(1)} \oplus 4924V^{\varnothing,(2)} \oplus 4924V^{\varnothing,(1,1)} \oplus 772V^{\varnothing,(3)} \oplus 1544V^{\varnothing,(2,1)} \oplus 832V^{\varnothing,(1,1,1)} \oplus 10V^{\varnothing,(3,1)} \oplus 12V^{\varnothing,(2,2)} \oplus 12V^{\varnothing,(2,1,1)} \oplus 13538V^{(1),\varnothing} \oplus 20894V^{(1),(1)} \oplus 4600V^{(1),(2)} \oplus 4600V^{(1),(1,1)} \oplus 111V^{(1),(3)} \oplus 145V^{(1),(2,1)} \oplus 135V^{(1),(1,1,1)} \oplus 4974V^{(2),\varnothing} \oplus 4456V^{(2),(1)} \oplus 293V^{(2),(2)} \oplus 293V^{(2),(1,1)} \oplus 4974V^{(1,1),\varnothing} \oplus 4456V^{(1,1),(1)} \oplus 293V^{(1,1),(2)} \oplus 293V^{(1,1),(1,1)} \oplus 1146V^{(3),\varnothing} \oplus 125V^{(3),(1)} \oplus 1250V^{(2,1),\varnothing} \oplus 131V^{(2,1),(1)} \oplus 1146V^{(1,1,1),\varnothing} \oplus 125V^{(1,1,1),(1)} \oplus 9V^{(4),\varnothing} \oplus 12V^{(3,1),\varnothing} \oplus 12V^{(2,1,1),\varnothing} \oplus 9V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 4980V^{\varnothing,\varnothing} \oplus 8600V^{\varnothing,(1)} \oplus 3680V^{\varnothing,(2)} \oplus 3680V^{\varnothing,(1,1)} \oplus 1010V^{\varnothing,(3)} \oplus 2010V^{\varnothing,(2,1)} \oplus 1010V^{\varnothing,(1,1,1)} \oplus 436V^{\varnothing,(3,1)} \oplus 488V^{\varnothing,(2,2)} \oplus 488V^{\varnothing,(2,1,1)} \oplus 3V^{\varnothing,(3,2)} \oplus 3V^{\varnothing,(3,1,1)} \oplus 4V^{\varnothing,(2,2,1)} \oplus 8634V^{(1),\varnothing} \oplus 18260V^{(1),(1)} \oplus 6954V^{(1),(2)} \oplus 6954V^{(1),(1,1)} \oplus 1304V^{(1),(3)} \oplus 1936V^{(1),(2,1)} \oplus 1400V^{(1),(1,1,1)} \oplus 35V^{(1),(3,1)} \oplus 41V^{(1),(2,2)} \oplus 41V^{(1),(2,1,1)} \oplus 3736V^{(2),\varnothing} \oplus 6846V^{(2),(1)} \oplus 1676V^{(2),(2)} \oplus 1676V^{(2),(1,1)} \oplus 81V^{(2),(3)} \oplus 109V^{(2),(2,1)} \oplus 99V^{(2),(1,1,1)} \oplus 3736V^{(1,1),\varnothing} \oplus 6846V^{(1,1),(1)} \oplus 1676V^{(1,1),(2)} \oplus 1676V^{(1,1),(1,1)} \oplus 81V^{(1,1),(3)} \oplus 109V^{(1,1),(2,1)} \oplus 99V^{(1,1),(1,1,1)} \oplus 1478V^{(3),\varnothing} \oplus 1560V^{(3),(1)} \oplus 101V^{(3),(2)} \oplus 101V^{(3),(1,1)} \oplus 1578V^{(2,1),\varnothing} \oplus 1680V^{(2,1),(1)} \oplus 107V^{(2,1),(2)} \oplus 107V^{(2,1),(1,1)} \oplus 1478V^{(1,1,1),\varnothing} \oplus 1560V^{(1,1,1),(1)} \oplus 101V^{(1,1,1),(2)} \oplus 101V^{(1,1,1),(1,1)} \oplus 288V^{(4),\varnothing} \oplus 27V^{(4),(1)} \oplus 492V^{(3,1),\varnothing} \oplus 35V^{(3,1),(1)} \oplus 492V^{(2,1,1),\varnothing} \oplus 35V^{(2,1,1),(1)} \oplus 288V^{(1,1,1,1),\varnothing} \oplus 27V^{(1,1,1,1),(1)} \oplus 3V^{(4,1),\varnothing} \oplus 4V^{(3,1,1),\varnothing} \oplus 3V^{(2,1,1,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 3120V^{\varnothing,(1)} \oplus 1736V^{\varnothing,(2)} \oplus 1736V^{\varnothing,(1,1)} \oplus 580V^{\varnothing,(3)} \oplus 1100V^{\varnothing,(2,1)} \oplus 580V^{\varnothing,(1,1,1)} \oplus 420V^{\varnothing,(3,1)} \oplus 420V^{\varnothing,(2,2)} \oplus 420V^{\varnothing,(2,1,1)} \oplus 116V^{\varnothing,(3,2)} \oplus 116V^{\varnothing,(3,1,1)} \oplus 192V^{\varnothing,(2,2,1)} \oplus V^{\varnothing,(3,2,1)} \oplus V^{\varnothing,(2,2,2)} \oplus 3456V^{(1),\varnothing} \oplus 12068V^{(1),(1)} \oplus 5280V^{(1),(2)} \oplus 5280V^{(1),(1,1)} \oplus 1866V^{(1),(3)} \oplus 2574V^{(1),(2,1)} \oplus 1866V^{(1),(1,1,1)} \oplus 572V^{(1),(3,1)} \oplus 632V^{(1),(2,2)} \oplus 632V^{(1),(2,1,1)} \oplus 9V^{(1),(3,2)} \oplus 9V^{(1),(3,1,1)} \oplus 11V^{(1),(2,2,1)} \oplus 1776V^{(2),\varnothing} \oplus 5280V^{(2),(1)} \oplus 2330V^{(2),(2)} \oplus 2330V^{(2),(1,1)} \oplus 472V^{(2),(3)} \oplus 716V^{(2),(2,1)} \oplus 508V^{(2),(1,1,1)} \oplus 29V^{(2),(3,1)} \oplus 35V^{(2),(2,2)} \oplus 35V^{(2),(2,1,1)} \oplus 1776V^{(1,1),\varnothing} \oplus 5280V^{(1,1),(1)} \oplus 2330V^{(1,1),(2)} \oplus 2330V^{(1,1),(1,1)} \oplus 472V^{(1,1),(3)} \oplus 716V^{(1,1),(2,1)} \oplus 508V^{(1,1),(1,1,1)} \oplus 29V^{(1,1),(3,1)} \oplus 35V^{(1,1),(2,2)} \oplus 35V^{(1,1),(2,1,1)} \oplus 856V^{(3),\varnothing} \oplus 2166V^{(3),(1)} \oplus 588V^{(3),(2)} \oplus 588V^{(3),(1,1)} \oplus 47V^{(3),(3)} \oplus 67V^{(3),(2,1)} \oplus 59V^{(3),(1,1,1)} \oplus 856V^{(2,1),\varnothing} \oplus 2274V^{(2,1),(1)} \oplus 636V^{(2,1),(2)} \oplus 636V^{(2,1),(1,1)} \oplus 51V^{(2,1),(3)} \oplus 73V^{(2,1),(2,1)} \oplus 63V^{(2,1),(1,1,1)} \oplus 856V^{(1,1,1),\varnothing} \oplus 2166V^{(1,1,1),(1)} \oplus 588V^{(1,1,1),(2)} \oplus 588V^{(1,1,1),(1,1)} \oplus 47V^{(1,1,1),(3)} \oplus 67V^{(1,1,1),(2,1)} \oplus 59V^{(1,1,1),(1,1,1)} \oplus 276V^{(4),\varnothing} \oplus 468V^{(4),(1)} \oplus 27V^{(4),(2)} \oplus 27V^{(4),(1,1)} \oplus 426V^{(3,1),\varnothing} \oplus 632V^{(3,1),(1)} \oplus 35V^{(3,1),(2)} \oplus 35V^{(3,1),(1,1)} \oplus 426V^{(2,1,1),\varnothing} \oplus 632V^{(2,1,1),(1)} \oplus 35V^{(2,1,1),(2)} \oplus 35V^{(2,1,1),(1,1)} \oplus 276V^{(1,1,1,1),\varnothing} \oplus 468V^{(1,1,1,1),(1)} \oplus 27V^{(1,1,1,1),(2)} \oplus 27V^{(1,1,1,1),(1,1)} \oplus 118V^{(4,1),\varnothing} \oplus 9V^{(4,1),(1)} \oplus 194V^{(3,1,1),\varnothing} \oplus 11V^{(3,1,1),(1)} \oplus 118V^{(2,1,1,1),\varnothing} \oplus 9V^{(2,1,1,1),(1)} \oplus V^{(4,1,1),\varnothing} \oplus V^{(3,1,1,1),\varnothing}$
$k = 7: \quad 400V^{\varnothing,(1)} \oplus 280V^{\varnothing,(2)} \oplus 280V^{\varnothing,(1,1)} \oplus 160V^{\varnothing,(3)} \oplus 160V^{\varnothing,(2,1)} \oplus 160V^{\varnothing,(1,1,1)} \oplus 80V^{\varnothing,(3,1)} \oplus 80V^{\varnothing,(2,2)} \oplus 80V^{\varnothing,(2,1,1)} \oplus 40V^{\varnothing,(3,2)} \oplus 40V^{\varnothing,(3,1,1)} \oplus 40V^{\varnothing,(2,2,1)} \oplus 20V^{\varnothing,(3,2,1)} \oplus 20V^{\varnothing,(2,2,2)} \oplus 441V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1200V^{(1),(3)} \oplus 1520V^{(1),(2,1)} \oplus 1200V^{(1),(1,1,1)} \oplus 650V^{(1),(3,1)} \oplus 650V^{(1),(2,2)} \oplus 650V^{(1),(2,1,1)} \oplus 204V^{(1),(3,2)} \oplus 204V^{(1),(3,1,1)} \oplus 256V^{(1),(2,2,1)} \oplus 3V^{(1),(3,2,1)} \oplus 3V^{(1),(2,2,2)} \oplus 336V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1580V^{(2),(2)} \oplus 1580V^{(2),(1,1)} \oplus 630V^{(2),(3)} \oplus 882V^{(2),(2,1)} \oplus$

Table 100: Table for $\lambda = (4,1,1,1)$, $\mu = (3,2,1,1)$:

$k = 14: \quad 180V^{\varnothing,\varnothing}$
$k = 13: \quad 9040V^{\varnothing,\varnothing} \oplus 516V^{\varnothing,(1)} \oplus 742V^{(1),\varnothing}$
$k = 12: \quad 16568V^{\varnothing,\varnothing} \oplus 9040V^{\varnothing,(1)} \oplus 160V^{\varnothing,(2)} \oplus 162V^{\varnothing,(1,1)} \oplus 10092V^{(1),\varnothing} \oplus 1847V^{(1),(1)} \oplus 174V^{(2),\varnothing} \oplus 174V^{(1,1),\varnothing}$
$k = 11: \quad 16714V^{\varnothing,\varnothing} \oplus 14976V^{\varnothing,(1)} \oplus 3384V^{\varnothing,(2)} \oplus 3592V^{\varnothing,(1,1)} \oplus 37V^{\varnothing,(3)} \oplus 49V^{\varnothing,(2,1)} \oplus 46V^{\varnothing,(1,1,1)} \oplus 17160V^{(1),\varnothing} \oplus 13688V^{(1),(1)} \oplus 575V^{(1),(2)} \oplus 581V^{(1),(1,1)} \oplus 3598V^{(2),\varnothing} \oplus 647V^{(2),(1)} \oplus 3598V^{(1,1),\varnothing} \oplus 647V^{(1,1),(1)} \oplus 41V^{(3),\varnothing} \oplus 43V^{(2,1),\varnothing} \oplus 41V^{(1,1,1),\varnothing}$
$k = 10:$ $12680V^{\varnothing,\varnothing} \oplus 13352V^{\varnothing,(1)} \oplus 5032V^{\varnothing,(2)} \oplus 5332V^{\varnothing,(1,1)} \oplus 832V^{\varnothing,(3)} \oplus 1708V^{\varnothing,(2,1)} \oplus 1300V^{\varnothing,(1,1,1)} \oplus 12V^{\varnothing,(3,1)} \oplus 12V^{\varnothing,(2,2)} \oplus 15V^{\varnothing,(2,1,1)} \oplus 11V^{\varnothing,(1,1,1,1)} \oplus 16142V^{(1),\varnothing} \oplus 21470V^{(1),(1)} \oplus 4936V^{(1),(2)} \oplus 5176V^{(1),(1,1)} \oplus 135V^{(1),(3)} \oplus 175V^{(1),(2,1)} \oplus 167V^{(1),(1,1,1)} \oplus 5674V^{(2),\varnothing} \oplus 4696V^{(2),(1)} \oplus 359V^{(2),(2)} \oplus 365V^{(2),(1,1)} \oplus 5674V^{(1,1),\varnothing} \oplus 4696V^{(1,1),(1)} \oplus 359V^{(1,1),(2)} \oplus 365V^{(1,1),(1,1)} \oplus 1286V^{(3),\varnothing} \oplus 161V^{(3),(1)} \oplus 1390V^{(2,1),\varnothing} \oplus 167V^{(2,1),(1)} \oplus 1286V^{(1,1,1),\varnothing} \oplus 161V^{(1,1,1),(1)} \oplus 9V^{(4),\varnothing} \oplus 12V^{(3,1),\varnothing} \oplus 12V^{(2,1,1),\varnothing} \oplus 9V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 5960V^{\varnothing,\varnothing} \oplus 8600V^{\varnothing,(1)} \oplus 3680V^{\varnothing,(2)} \oplus 3840V^{\varnothing,(1,1)} \oplus 1010V^{\varnothing,(3)} \oplus 2110V^{\varnothing,(2,1)} \oplus 1560V^{\varnothing,(1,1,1)} \oplus 488V^{\varnothing,(3,1)} \oplus 488V^{\varnothing,(2,2)} \oplus 692V^{\varnothing,(2,1,1)} \oplus 336V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(3,2)} \oplus 4V^{\varnothing,(3,1,1)} \oplus 4V^{\varnothing,(2,2,1)} \oplus 4V^{\varnothing,(2,1,1,1)} \oplus 11665V^{(1),\varnothing} \oplus 18404V^{(1),(1)} \oplus 7098V^{(1),(2)} \oplus 7422V^{(1),(1,1)} \oplus 1400V^{(1),(3)} \oplus 2152V^{(1),(2,1)} \oplus 1824V^{(1),(1,1,1)} \oplus 41V^{(1),(3,1)} \oplus 41V^{(1),(2,2)} \oplus 49V^{(1),(2,1,1)} \oplus 39V^{(1),(1,1,1,1)} \oplus 4520V^{(2),\varnothing} \oplus 6954V^{(2),(1)} \oplus 1796V^{(2),(2)} \oplus 1892V^{(2),(1,1)} \oplus 99V^{(2),(3)} \oplus 133V^{(2),(2,1)} \oplus 125V^{(2),(1,1,1)} \oplus 4520V^{(1,1),\varnothing} \oplus 6954V^{(1,1),(1)} \oplus 1796V^{(1,1),(2)} \oplus 1892V^{(1,1),(1,1)} \oplus 99V^{(1,1),(3)} \oplus 133V^{(1,1),(2,1)} \oplus 125V^{(1,1),(1,1,1)} \oplus 1730V^{(3),\varnothing} \oplus 1608V^{(3),(1)} \oplus 137V^{(3),(2)} \oplus 141V^{(3),(1,1)} \oplus 1830V^{(2,1),\varnothing} \oplus 1728V^{(2,1),(1)} \oplus 143V^{(2,1),(2)} \oplus 149V^{(2,1),(1,1)} \oplus 1730V^{(1,1,1),\varnothing} \oplus 1608V^{(1,1,1),(1)} \oplus 137V^{(1,1,1),(2)} \oplus 141V^{(1,1,1),(1,1)} \oplus 344V^{(4),\varnothing} \oplus 33V^{(4),(1)} \oplus 548V^{(3,1),\varnothing} \oplus 41V^{(3,1),(1)} \oplus 548V^{(2,1,1),\varnothing} \oplus 41V^{(2,1,1),(1)} \oplus 344V^{(1,1,1,1),\varnothing} \oplus 33V^{(1,1,1,1),(1)} \oplus 3V^{(4,1),\varnothing} \oplus 4V^{(3,1,1),\varnothing} \oplus 3V^{(2,1,1,1),\varnothing}$
$k = 8: \quad 1420V^{\varnothing,\varnothing} \oplus 3120V^{\varnothing,(1)} \oplus 1736V^{\varnothing,(2)} \oplus 1736V^{\varnothing,(1,1)} \oplus 580V^{\varnothing,(3)} \oplus 1100V^{\varnothing,(2,1)} \oplus 840V^{\varnothing,(1,1,1)} \oplus 420V^{\varnothing,(3,1)} \oplus 420V^{\varnothing,(2,2)} \oplus 570V^{\varnothing,(2,1,1)} \oplus 270V^{\varnothing,(1,1,1,1)} \oplus 116V^{\varnothing,(3,2)} \oplus 192V^{\varnothing,(3,1,1)} \oplus 192V^{\varnothing,(2,2,1)} \oplus 192V^{\varnothing,(2,1,1,1)} \oplus V^{\varnothing,(3,2,1)} \oplus V^{\varnothing,(3,1,1,1)} \oplus V^{\varnothing,(2,2,1,1)} \oplus 5640V^{(1),\varnothing} \oplus 12068V^{(1),(1)} \oplus 5280V^{(1),(2)} \oplus 5424V^{(1),(1,1)} \oplus 1866V^{(1),(3)} \oplus 2682V^{(1),(2,1)} \oplus 2274V^{(1),(1,1,1)} \oplus 632V^{(1),(3,1)} \oplus 632V^{(1),(2,2)} \oplus 796V^{(1),(2,1,1)} \oplus 528V^{(1),(1,1,1,1)} \oplus 9V^{(1),(3,2)} \oplus 11V^{(1),(3,1,1)} \oplus 11V^{(1),(2,2,1)} \oplus 11V^{(1),(2,1,1,1)} \oplus 2511V^{(2),\varnothing} \oplus 5280V^{(2),(1)} \oplus 2366V^{(2),(2)} \oplus 2474V^{(2),(1,1)} \oplus 508V^{(2),(3)} \oplus 800V^{(2),(2,1)} \oplus 672V^{(2),(1,1,1)} \oplus 35V^{(2),(3,1)} \oplus 35V^{(2),(2,2)} \oplus 43V^{(2),(2,1,1)} \oplus 33V^{(2),(1,1,1,1)} \oplus 2511V^{(1,1),\varnothing} \oplus 5280V^{(1,1),(1)} \oplus 2366V^{(1,1),(2)} \oplus 2474V^{(1,1),(1,1)} \oplus 508V^{(1,1),(3)} \oplus 800V^{(1,1),(2,1)} \oplus 672V^{(1,1),(1,1,1)} \oplus 35V^{(1,1),(3,1)} \oplus 35V^{(1,1),(2,2)} \oplus 43V^{(1,1),(2,1,1)} \oplus 33V^{(1,1),(1,1,1,1)} \oplus 1080V^{(3),\varnothing} \oplus 2166V^{(3),(1)} \oplus 612V^{(3),(2)} \oplus 644V^{(3),(1,1)} \oplus 59V^{(3),(3)} \oplus 83V^{(3),(2,1)} \oplus 77V^{(3),(1,1,1)} \oplus 1080V^{(2,1),\varnothing} \oplus 2274V^{(2,1),(1)} \oplus 660V^{(2,1),(2)} \oplus 708V^{(2,1),(1,1)} \oplus 63V^{(2,1),(3)} \oplus 91V^{(2,1),(2,1)} \oplus 83V^{(2,1),(1,1,1)} \oplus 1080V^{(1,1,1),\varnothing} \oplus 2166V^{(1,1,1),(1)} \oplus 612V^{(1,1,1),(2)} \oplus 644V^{(1,1,1),(1,1)} \oplus 59V^{(1,1,1),(3)} \oplus 83V^{(1,1,1),(2,1)} \oplus 77V^{(1,1,1),(1,1,1)} \oplus 360V^{(4),\varnothing} \oplus 468V^{(4),(1)} \oplus 33V^{(4),(2)} \oplus 35V^{(4),(1,1)} \oplus 510V^{(3,1),\varnothing} \oplus 632V^{(3,1),(1)} \oplus 41V^{(3,1),(2)} \oplus 45V^{(3,1),(1,1)} \oplus 510V^{(2,1,1),\varnothing} \oplus 632V^{(2,1,1),(1)} \oplus 41V^{(2,1,1),(2)} \oplus 45V^{(2,1,1),(1,1)} \oplus 360V^{(1,1,1,1),\varnothing} \oplus 468V^{(1,1,1,1),(1)} \oplus 33V^{(1,1,1,1),(2)} \oplus 35V^{(1,1,1,1),(1,1)} \oplus 146V^{(4,1),\varnothing} \oplus 9V^{(4,1),(1)} \oplus 222V^{(3,1,1),\varnothing} \oplus 11V^{(3,1,1),(1)} \oplus 146V^{(2,1,1,1),\varnothing} \oplus 9V^{(2,1,1,1),(1)} \oplus V^{(4,1,1),\varnothing} \oplus V^{(3,1,1,1),\varnothing}$
$k = 7: \quad 400V^{\varnothing,(1)} \oplus 280V^{\varnothing,(2)} \oplus 280V^{\varnothing,(1,1)} \oplus 160V^{\varnothing,(3)} \oplus 160V^{\varnothing,(2,1)} \oplus 160V^{\varnothing,(1,1,1)} \oplus 80V^{\varnothing,(3,1)} \oplus 80V^{\varnothing,(2,2)} \oplus 80V^{\varnothing,(2,1,1)} \oplus 80V^{\varnothing,(1,1,1,1)} \oplus 40V^{\varnothing,(3,2)} \oplus 40V^{\varnothing,(3,1,1)} \oplus 40V^{\varnothing,(2,2,1)} \oplus 40V^{\varnothing,(2,1,1,1)} \oplus 20V^{\varnothing,(3,2,1)} \oplus 20V^{\varnothing,(3,1,1,1)} \oplus 20V^{\varnothing,(2,2,1,1)} \oplus 1225V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1200V^{(1),(3)} \oplus 1520V^{(1),(2,1)} \oplus$

Table 101: Table for $\lambda = (4,1,1,1)$, $\mu = (3,1,1,1,1)$:

$k = 14: \quad 180V^{\varnothing,\varnothing}$
$k = 13: \quad 8640V^{\varnothing,\varnothing} \oplus 422V^{\varnothing,(1)} \oplus 320V^{(1),\varnothing}$
$k = 12: \quad 15768V^{\varnothing,\varnothing} \oplus 8504V^{\varnothing,(1)} \oplus 126V^{\varnothing,(2)} \oplus 134V^{\varnothing,(1,1)} \oplus 8280V^{(1),\varnothing} \oplus 1511V^{(1),(1)} \oplus 117V^{(2),\varnothing} \oplus 117V^{(1,1),\varnothing}$
$k = 11: \quad 15514V^{\varnothing,\varnothing} \oplus 14532V^{\varnothing,(1)} \oplus 2856V^{\varnothing,(2)} \oplus 3184V^{\varnothing,(1,1)} \oplus 29V^{\varnothing,(3)} \oplus 38V^{\varnothing,(2,1)} \oplus 40V^{\varnothing,(1,1,1)} \oplus 14088V^{(1),\varnothing} \oplus 12776V^{(1),(1)} \oplus 449V^{(1),(2)} \oplus 479V^{(1),(1,1)} \oplus 3046V^{(2),\varnothing} \oplus 461V^{(2),(1)} \oplus 3046V^{(1,1),\varnothing} \oplus 461V^{(1,1),(1)} \oplus 37V^{(3),\varnothing} \oplus 39V^{(2,1),\varnothing} \oplus 37V^{(1,1,1),\varnothing}$
$k = 10: \quad 11480V^{\varnothing,\varnothing} \oplus 13208V^{\varnothing,(1)} \oplus 4516V^{\varnothing,(2)} \oplus 4924V^{\varnothing,(1,1)} \oplus 668V^{\varnothing,(3)} \oplus 1136V^{\varnothing,(2,1)} \oplus 1240V^{\varnothing,(1,1,1)} \oplus 9V^{\varnothing,(3,1)} \oplus 12V^{\varnothing,(2,1,1)} \oplus 12V^{\varnothing,(1,1,1,1)} \oplus 12422V^{(1),\varnothing} \oplus 20894V^{(1),(1)} \oplus 4168V^{(1),(2)} \oplus 4600V^{(1),(1,1)} \oplus 105V^{(1),(3)} \oplus 137V^{(1),(2,1)} \oplus 143V^{(1),(1,1,1)} \oplus 4674V^{(2),\varnothing} \oplus 4456V^{(2),(1)} \oplus 269V^{(2),(2)} \oplus 293V^{(2),(1,1)} \oplus 4674V^{(1,1),\varnothing} \oplus 4456V^{(1,1),(1)} \oplus 269V^{(1,1),(2)} \oplus 293V^{(1,1),(1,1)} \oplus 1086V^{(3),\varnothing} \oplus 125V^{(3),(1)} \oplus 1190V^{(2,1),\varnothing} \oplus 131V^{(2,1),(1)} \oplus 1086V^{(1,1,1),\varnothing} \oplus 125V^{(1,1,1),(1)} \oplus 9V^{(4),\varnothing} \oplus 12V^{(3,1),\varnothing} \oplus 12V^{(2,1,1),\varnothing} \oplus 9V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 5160V^{\varnothing,\varnothing} \oplus 8600V^{\varnothing,(1)} \oplus 3520V^{\varnothing,(2)} \oplus 3680V^{\varnothing,(1,1)} \oplus 910V^{\varnothing,(3)} \oplus 1460V^{\varnothing,(2,1)} \oplus 1560V^{\varnothing,(1,1,1)} \oplus 284V^{\varnothing,(3,1)} \oplus 488V^{\varnothing,(2,1,1)} \oplus 488V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(3,1,1)} \oplus 4V^{\varnothing,(2,1,1,1)} \oplus 3V^{\varnothing,(1,1,1,1,1)} \oplus 7425V^{(1),\varnothing} \oplus 18260V^{(1),(1)} \oplus 6486V^{(1),(2)} \oplus 6954V^{(1),(1,1)} \oplus 1184V^{(1),(3)} \oplus 1608V^{(1),(2,1)} \oplus 1728V^{(1),(1,1,1)} \oplus 33V^{(1),(3,1)} \oplus 41V^{(1),(2,1,1)} \oplus 41V^{(1),(1,1,1,1)} \oplus 3400V^{(2),\varnothing} \oplus 6846V^{(2),(1)} \oplus 1508V^{(2),(2)} \oplus 1676V^{(2),(1,1)} \oplus 75V^{(2),(3)} \oplus 101V^{(2),(2,1)} \oplus 107V^{(2),(1,1,1)} \oplus 3400V^{(1,1),\varnothing} \oplus 6846V^{(1,1),(1)} \oplus 1508V^{(1,1),(2)} \oplus 1676V^{(1,1),(1,1)} \oplus 75V^{(1,1),(3)} \oplus 101V^{(1,1),(2,1)} \oplus 107V^{(1,1),(1,1,1)} \oplus 1370V^{(3),\varnothing} \oplus 1560V^{(3),(1)} \oplus 85V^{(3),(2)} \oplus 101V^{(3),(1,1)} \oplus 1470V^{(2,1),\varnothing} \oplus 1680V^{(2,1),(1)} \oplus 89V^{(2,1),(2)} \oplus 107V^{(2,1),(1,1)} \oplus 1370V^{(1,1,1),\varnothing} \oplus 1560V^{(1,1,1),(1)} \oplus 85V^{(1,1,1),(2)} \oplus 101V^{(1,1,1),(1,1)} \oplus 264V^{(4),\varnothing} \oplus 27V^{(4),(1)} \oplus 468V^{(3,1),\varnothing} \oplus 35V^{(3,1),(1)} \oplus 468V^{(2,1,1),\varnothing} \oplus 35V^{(2,1,1),(1)} \oplus 264V^{(1,1,1,1),\varnothing} \oplus 27V^{(1,1,1,1),(1)} \oplus 3V^{(4,1),\varnothing} \oplus 4V^{(3,1,1),\varnothing} \oplus 3V^{(2,1,1,1),\varnothing}$
$k = 8: \quad 1020V^{\varnothing,\varnothing} \oplus 3120V^{\varnothing,(1)} \oplus 1736V^{\varnothing,(2)} \oplus 1736V^{\varnothing,(1,1)} \oplus 580V^{\varnothing,(3)} \oplus 840V^{\varnothing,(2,1)} \oplus 840V^{\varnothing,(1,1,1)} \oplus 270V^{\varnothing,(3,1)} \oplus 420V^{\varnothing,(2,1,1)} \oplus 420V^{\varnothing,(1,1,1,1)} \oplus 116V^{\varnothing,(3,1,1)} \oplus 192V^{\varnothing,(2,1,1,1)} \oplus 116V^{\varnothing,(1,1,1,1,1)} \oplus V^{\varnothing,(3,1,1,1)} \oplus V^{\varnothing,(2,1,1,1,1)} \oplus 2430V^{(1),\varnothing} \oplus 12068V^{(1),(1)} \oplus 5136V^{(1),(2)} \oplus 5280V^{(1),(1,1)} \oplus 1758V^{(1),(3)} \oplus 2166V^{(1),(2,1)} \oplus 2274V^{(1),(1,1,1)} \oplus 468V^{(1),(3,1)} \oplus 632V^{(1),(2,1,1)} \oplus 632V^{(1),(1,1,1,1)} \oplus 9V^{(1),(3,1,1)} \oplus 11V^{(1),(2,1,1,1)} \oplus 9V^{(1),(1,1,1,1,1)} \oplus 1461V^{(2),\varnothing} \oplus 5280V^{(2),(1)} \oplus 2186V^{(2),(2)} \oplus 2330V^{(2),(1,1)} \oplus 424V^{(2),(3)} \oplus 588V^{(2),(2,1)} \oplus 636V^{(2),(1,1,1)} \oplus 27V^{(2),(3,1)} \oplus 35V^{(2),(2,1,1)} \oplus 35V^{(2),(1,1,1,1)} \oplus 1461V^{(1,1),\varnothing} \oplus 5280V^{(1,1),(1)} \oplus 2186V^{(1,1),(2)} \oplus 2330V^{(1,1),(1,1)} \oplus 424V^{(1,1),(3)} \oplus 588V^{(1,1),(2,1)} \oplus 636V^{(1,1),(1,1,1)} \oplus 27V^{(1,1),(3,1)} \oplus 35V^{(1,1),(2,1,1)} \oplus 35V^{(1,1),(1,1,1,1)} \oplus 760V^{(3),\varnothing} \oplus 2166V^{(3),(1)} \oplus 532V^{(3),(2)} \oplus 588V^{(3),(1,1)} \oplus 43V^{(3),(3)} \oplus 61V^{(3),(2,1)} \oplus 65V^{(3),(1,1,1)} \oplus 760V^{(2,1),\varnothing} \oplus 2274V^{(2,1),(1)} \oplus 564V^{(2,1),(2)} \oplus 636V^{(2,1),(1,1)} \oplus 45V^{(2,1),(3)} \oplus 65V^{(2,1),(2,1)} \oplus 71V^{(2,1),(1,1,1)} \oplus 760V^{(1,1,1),\varnothing} \oplus 2166V^{(1,1,1),(1)} \oplus 532V^{(1,1,1),(2)} \oplus 588V^{(1,1,1),(1,1)} \oplus 43V^{(1,1,1),(3)} \oplus 61V^{(1,1,1),(2,1)} \oplus 65V^{(1,1,1),(1,1,1)} \oplus 240V^{(4),\varnothing} \oplus 468V^{(4),(1)} \oplus 19V^{(4),(2)} \oplus 27V^{(4),(1,1)} \oplus 390V^{(3,1),\varnothing} \oplus 632V^{(3,1),(1)} \oplus 25V^{(3,1),(2)} \oplus 35V^{(3,1),(1,1)} \oplus 390V^{(2,1,1),\varnothing} \oplus 632V^{(2,1,1),(1)} \oplus 25V^{(2,1,1),(2)} \oplus 35V^{(2,1,1),(1,1)} \oplus 240V^{(1,1,1,1),\varnothing} \oplus 468V^{(1,1,1,1),(1)} \oplus 19V^{(1,1,1,1),(2)} \oplus 27V^{(1,1,1,1),(1,1)} \oplus 106V^{(4,1),\varnothing} \oplus 9V^{(4,1),(1)} \oplus 182V^{(3,1,1),\varnothing} \oplus 11V^{(3,1,1),(1)} \oplus 106V^{(2,1,1,1),\varnothing} \oplus 9V^{(2,1,1,1),(1)} \oplus V^{(4,1,1),\varnothing} \oplus V^{(3,1,1,1),\varnothing}$
$k = 7: \quad 400V^{\varnothing,(1)} \oplus 280V^{\varnothing,(2)} \oplus 280V^{\varnothing,(1,1)} \oplus 160V^{\varnothing,(3)} \oplus 160V^{\varnothing,(2,1)} \oplus 160V^{\varnothing,(1,1,1)} \oplus 80V^{\varnothing,(3,1)} \oplus 80V^{\varnothing,(2,1,1)} \oplus 80V^{\varnothing,(1,1,1,1)} \oplus 40V^{\varnothing,(3,1,1)} \oplus 40V^{\varnothing,(2,1,1,1)} \oplus 40V^{\varnothing,(1,1,1,1,1)} \oplus 20V^{\varnothing,(3,1,1,1)} \oplus 20V^{\varnothing,(2,1,1,1,1)} \oplus 225V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1200V^{(1),(3)} \oplus 1360V^{(1),(2,1)} \oplus 1360V^{(1),(1,1,1)} \oplus 550V^{(1),(3,1)} \oplus 650V^{(1),(2,1,1)} \oplus 650V^{(1),(1,1,1,1)} \oplus 204V^{(1),(3,1,1)} \oplus 256V^{(1),(2,1,1,1)} \oplus 204V^{(1),(1,1,1,1,1)} \oplus 3V^{(1),(3,1,1,1)} \oplus 3V^{(1),(2,1,1,1,1)} \oplus 165V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1544V^{(2),(2)} \oplus 1580V^{(2),(1,1)} \oplus 594V^{(2),(3)} \oplus$

Table 102: Table for $\lambda = (4,1,1,1)$, $\mu = (2,2,2,1)$:

$k = 14: \quad 34V^{\varnothing,\varnothing}$
$k = 13: \quad 8132V^{\varnothing,\varnothing} \oplus 400V^{\varnothing,(1)} \oplus 258V^{(1),\varnothing}$
$k = 12: \quad 15332V^{\varnothing,\varnothing} \oplus 7824V^{\varnothing,(1)} \oplus 125V^{\varnothing,(2)} \oplus 128V^{\varnothing,(1,1)} \oplus 7876V^{(1),\varnothing} \oplus 1433V^{(1),(1)} \oplus 92V^{(2),\varnothing} \oplus 92V^{(1,1),\varnothing}$
$k = 11: \quad 15024V^{\varnothing,\varnothing} \oplus 13512V^{\varnothing,(1)} \oplus 2096V^{\varnothing,(2)} \oplus 3064V^{\varnothing,(1,1)} \oplus 38V^{\varnothing,(2,1)} \oplus 38V^{\varnothing,(1,1,1)} \oplus 13632V^{(1),\varnothing} \oplus 11888V^{(1),(1)} \oplus 447V^{(1),(2)} \oplus 455V^{(1),(1,1)} \oplus 2920V^{(2),\varnothing} \oplus 407V^{(2),(1)} \oplus 2920V^{(1,1),\varnothing} \oplus 407V^{(1,1),(1)} \oplus 30V^{(3),\varnothing} \oplus 32V^{(2,1),\varnothing} \oplus 30V^{(1,1,1),\varnothing}$
$k = 10: \quad 11116V^{\varnothing,\varnothing} \oplus 12568V^{\varnothing,(1)} \oplus 3166V^{\varnothing,(2)} \oplus 4816V^{\varnothing,(1,1)} \oplus 1136V^{\varnothing,(2,1)} \oplus 1136V^{\varnothing,(1,1,1)} \oplus 11V^{\varnothing,(2,2)} \oplus 12V^{\varnothing,(2,1,1)} \oplus 9V^{\varnothing,(1,1,1,1)} \oplus 11356V^{(1),\varnothing} \oplus 19778V^{(1),(1)} \oplus 3648V^{(1),(2)} \oplus 4408V^{(1),(1,1)} \oplus 137V^{(1),(2,1)} \oplus 137V^{(1),(1,1,1)} \oplus 4570V^{(2),\varnothing} \oplus 4120V^{(2),(1)} \oplus 267V^{(2),(2)} \oplus 275V^{(2),(1,1)} \oplus 4570V^{(1,1),\varnothing} \oplus 4120V^{(1,1),(1)} \oplus 267V^{(1,1),(2)} \oplus 275V^{(1,1),(1,1)} \oplus 1056V^{(3),\varnothing} \oplus 97V^{(3),(1)} \oplus 1160V^{(2,1),\varnothing} \oplus 101V^{(2,1),(1)} \oplus 1056V^{(1,1,1),\varnothing} \oplus 97V^{(1,1,1),(1)} \oplus 8V^{(4),\varnothing} \oplus 11V^{(3,1),\varnothing} \oplus 11V^{(2,1,1),\varnothing} \oplus 8V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 4840V^{\varnothing,\varnothing} \oplus 8360V^{\varnothing,(1)} \oplus 2480V^{\varnothing,(2)} \oplus 3680V^{\varnothing,(1,1)} \oplus 1460V^{\varnothing,(2,1)} \oplus 1460V^{\varnothing,(1,1,1)} \oplus 336V^{\varnothing,(2,2)} \oplus 488V^{\varnothing,(2,1,1)} \oplus 284V^{\varnothing,(1,1,1,1)} \oplus 4V^{\varnothing,(2,2,1)} \oplus 3V^{\varnothing,(2,1,1,1)} \oplus 7136V^{(1),\varnothing} \oplus 17684V^{(1),(1)} \oplus 5586V^{(1),(2)} \oplus 6810V^{(1),(1,1)} \oplus 1608V^{(1),(2,1)} \oplus 1608V^{(1),(1,1,1)} \oplus 39V^{(1),(2,2)} \oplus 41V^{(1),(2,1,1)} \oplus 33V^{(1),(1,1,1,1)} \oplus 3120V^{(2),\varnothing} \oplus 6522V^{(2),(1)} \oplus 1308V^{(2),(2)} \oplus 1604V^{(2),(1,1)} \oplus 101V^{(2),(2,1)} \oplus 101V^{(2),(1,1,1)} \oplus 3120V^{(1,1),\varnothing} \oplus 6522V^{(1,1),(1)} \oplus 1308V^{(1,1),(2)} \oplus 1604V^{(1,1),(1,1)} \oplus 101V^{(1,1),(2,1)} \oplus 101V^{(1,1),(1,1,1)} \oplus 1352V^{(3),\varnothing} \oplus 1480V^{(3),(1)} \oplus 83V^{(3),(2)} \oplus 89V^{(3),(1,1)} \oplus 1452V^{(2,1),\varnothing} \oplus 1560V^{(2,1),(1)} \oplus 87V^{(2,1),(2)} \oplus 95V^{(2,1),(1,1)} \oplus 1352V^{(1,1,1),\varnothing} \oplus 1480V^{(1,1,1),(1)} \oplus 83V^{(1,1,1),(2)} \oplus 89V^{(1,1,1),(1,1)} \oplus 260V^{(4),\varnothing} \oplus 25V^{(4),(1)} \oplus 464V^{(3,1),\varnothing} \oplus 31V^{(3,1),(1)} \oplus 464V^{(2,1,1),\varnothing} \oplus 31V^{(2,1,1),(1)} \oplus 260V^{(1,1,1,1),\varnothing} \oplus 25V^{(1,1,1,1),(1)} \oplus 3V^{(4,1),\varnothing} \oplus 4V^{(3,1,1),\varnothing} \oplus 3V^{(2,1,1,1),\varnothing}$
$k = 8:$ $720V^{\varnothing,\varnothing} \oplus 3120V^{\varnothing,(1)} \oplus 1268V^{\varnothing,(2)} \oplus 1736V^{\varnothing,(1,1)} \oplus 840V^{\varnothing,(2,1)} \oplus 840V^{\varnothing,(1,1,1)} \oplus 270V^{\varnothing,(2,2)} \oplus 420V^{\varnothing,(2,1,1)} \oplus 270V^{\varnothing,(1,1,1,1)} \oplus 192V^{\varnothing,(2,2,1)} \oplus 116V^{\varnothing,(2,1,1,1)} \oplus V^{\varnothing,(2,2,2)} \oplus V^{\varnothing,(2,2,1,1)} \oplus 2196V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 4496V^{(1),(2)} \oplus 5280V^{(1),(1,1)} \oplus 2166V^{(1),(2,1)} \oplus 2166V^{(1),(1,1,1)} \oplus 528V^{(1),(2,2)} \oplus 632V^{(1),(2,1,1)} \oplus 468V^{(1),(1,1,1,1)} \oplus 11V^{(1),(2,2,1)} \oplus 9V^{(1),(2,1,1,1)} \oplus 1356V^{(2),\varnothing} \oplus 5136V^{(2),(1)} \oplus 1862V^{(2),(2)} \oplus 2294V^{(2),(1,1)} \oplus 588V^{(2),(2,1)} \oplus 588V^{(2),(1,1,1)} \oplus 33V^{(2),(2,2)} \oplus 35V^{(2),(2,1,1)} \oplus 27V^{(2),(1,1,1,1)} \oplus 1356V^{(1,1),\varnothing} \oplus 5136V^{(1,1),(1)} \oplus 1862V^{(1,1),(2)} \oplus 2294V^{(1,1),(1,1)} \oplus 588V^{(1,1),(2,1)} \oplus 588V^{(1,1),(1,1,1)} \oplus 33V^{(1,1),(2,2)} \oplus 35V^{(1,1),(2,1,1)} \oplus 27V^{(1,1),(1,1,1,1)} \oplus 688V^{(3),\varnothing} \oplus 2094V^{(3),(1)} \oplus 452V^{(3),(2)} \oplus 564V^{(3),(1,1)} \oplus 61V^{(3),(2,1)} \oplus 61V^{(3),(1,1,1)} \oplus 688V^{(2,1),\varnothing} \oplus 2166V^{(2,1),(1)} \oplus 484V^{(2,1),(2)} \oplus 612V^{(2,1),(1,1)} \oplus 65V^{(2,1),(2,1)} \oplus 65V^{(2,1),(1,1,1)} \oplus 688V^{(1,1,1),\varnothing} \oplus 2094V^{(1,1,1),(1)} \oplus 452V^{(1,1,1),(2)} \oplus 564V^{(1,1,1),(1,1)} \oplus 61V^{(1,1,1),(2,1)} \oplus 61V^{(1,1,1),(1,1,1)} \oplus 234V^{(4),\varnothing} \oplus 448V^{(4),(1)} \oplus 18V^{(4),(2)} \oplus 21V^{(4),(1,1)} \oplus 384V^{(3,1),\varnothing} \oplus 592V^{(3,1),(1)} \oplus 23V^{(3,1),(2)} \oplus 29V^{(3,1),(1,1)} \oplus 384V^{(2,1,1),\varnothing} \oplus 592V^{(2,1,1),(1)} \oplus 23V^{(2,1,1),(2)} \oplus 29V^{(2,1,1),(1,1)} \oplus 234V^{(1,1,1,1),\varnothing} \oplus 448V^{(1,1,1,1),(1)} \oplus 18V^{(1,1,1,1),(2)} \oplus 21V^{(1,1,1,1),(1,1)} \oplus 104V^{(4,1),\varnothing} \oplus 7V^{(4,1),(1)} \oplus 180V^{(3,1,1),\varnothing} \oplus 9V^{(3,1,1),(1)} \oplus 104V^{(2,1,1,1),\varnothing} \oplus 7V^{(2,1,1,1),(1)} \oplus V^{(4,1,1),\varnothing} \oplus V^{(3,1,1,1),\varnothing}$
$k = 7: \quad 400V^{\varnothing,(1)} \oplus 280V^{\varnothing,(2)} \oplus 280V^{\varnothing,(1,1)} \oplus 160V^{\varnothing,(2,1)} \oplus 160V^{\varnothing,(1,1,1)} \oplus 80V^{\varnothing,(2,2)} \oplus 80V^{\varnothing,(2,1,1)} \oplus 80V^{\varnothing,(1,1,1,1)} \oplus 40V^{\varnothing,(2,2,1)} \oplus 40V^{\varnothing,(2,1,1,1)} \oplus 20V^{\varnothing,(2,2,2)} \oplus 20V^{\varnothing,(2,2,1,1)} \oplus 196V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2580V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1360V^{(1),(2,1)} \oplus 1360V^{(1),(1,1,1)} \oplus 550V^{(1),(2,2)} \oplus 650V^{(1),(2,1,1)} \oplus 550V^{(1),(1,1,1,1)} \oplus 256V^{(1),(2,2,1)} \oplus 204V^{(1),(2,1,1,1)} \oplus 3V^{(1),(2,2,2)} \oplus 3V^{(1),(2,2,1,1)} \oplus 126V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1352V^{(2),(2)} \oplus 1580V^{(2),(1,1)} \oplus 738V^{(2),(2,1)} \oplus 738V^{(2),(1,1,1)} \oplus 192V^{(2),(2,2)} \oplus 232V^{(2),(2,1,1)} \oplus 168V^{(2),(1,1,1,1)} \oplus 11V^{(2),(2,2,1)} \oplus 9V^{(2),(2,1,1,1)} \oplus 126V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1352V^{(1,1),(2)} \oplus 1580V^{(1,1),(1,1)} \oplus 738V^{(1,1),(2,1)} \oplus 738V^{(1,1),(1,1,1)} \oplus 192V^{(1,1),(2,2)} \oplus$

Table 103: Table for $\lambda = (4,1,1,1)$, $\mu = (2,2,1,1,1)$:

$k = 14: \quad 34V^{\varnothing,\varnothing}$
$k = 13: \quad 8132V^{\varnothing,\varnothing} \oplus 420V^{\varnothing,(1)} \oplus 260V^{(1),\varnothing}$
$k = 12: \quad 15332V^{\varnothing,\varnothing} \oplus 7984V^{\varnothing,(1)} \oplus 125V^{\varnothing,(2)} \oplus 134V^{\varnothing,(1,1)} \oplus 7880V^{(1),\varnothing} \oplus 1505V^{(1),(1)} \oplus 93V^{(2),\varnothing} \oplus 93V^{(1,1),\varnothing}$
$k = 11: \quad 15024V^{\varnothing,\varnothing} \oplus 13632V^{\varnothing,(1)} \oplus 2096V^{\varnothing,(2)} \oplus 3184V^{\varnothing,(1,1)} \oplus 38V^{\varnothing,(2,1)} \oplus 40V^{\varnothing,(1,1,1)} \oplus 13632V^{(1),\varnothing} \oplus 12176V^{(1),(1)} \oplus 447V^{(1),(2)} \oplus 479V^{(1),(1,1)} \oplus 2920V^{(2),\varnothing} \oplus 455V^{(2),(1)} \oplus 2920V^{(1,1),\varnothing} \oplus 455V^{(1,1),(1)} \oplus 30V^{(3),\varnothing} \oplus 32V^{(2,1),\varnothing} \oplus 30V^{(1,1,1),\varnothing}$
$k = 10: \quad 11116V^{\varnothing,\varnothing} \oplus 12568V^{\varnothing,(1)} \oplus 3166V^{\varnothing,(2)} \oplus 4924V^{\varnothing,(1,1)} \oplus 1136V^{\varnothing,(2,1)} \oplus 1240V^{\varnothing,(1,1,1)} \oplus 9V^{\varnothing,(2,2)} \oplus 12V^{\varnothing,(2,1,1)} \oplus 12V^{\varnothing,(1,1,1,1)} \oplus 11356V^{(1),\varnothing} \oplus 19922V^{(1),(1)} \oplus 3648V^{(1),(2)} \oplus 4600V^{(1),(1,1)} \oplus 137V^{(1),(2,1)} \oplus 143V^{(1),(1,1,1)} \oplus 4570V^{(2),\varnothing} \oplus 4216V^{(2),(1)} \oplus 267V^{(2),(2)} \oplus 293V^{(2),(1,1)} \oplus 4570V^{(1,1),\varnothing} \oplus 4216V^{(1,1),(1)} \oplus 267V^{(1,1),(2)} \oplus 293V^{(1,1),(1,1)} \oplus 1056V^{(3),\varnothing} \oplus 121V^{(3),(1)} \oplus 1160V^{(2,1),\varnothing} \oplus 125V^{(2,1),(1)} \oplus 1056V^{(1,1,1),\varnothing} \oplus 121V^{(1,1,1),(1)} \oplus 8V^{(4),\varnothing} \oplus 11V^{(3,1),\varnothing} \oplus 11V^{(2,1,1),\varnothing} \oplus 8V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 4840V^{\varnothing,\varnothing} \oplus 8360V^{\varnothing,(1)} \oplus 2480V^{\varnothing,(2)} \oplus 3680V^{\varnothing,(1,1)} \oplus 1460V^{\varnothing,(2,1)} \oplus 1560V^{\varnothing,(1,1,1)} \oplus 284V^{\varnothing,(2,2)} \oplus 488V^{\varnothing,(2,1,1)} \oplus 488V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(2,2,1)} \oplus 4V^{\varnothing,(2,1,1,1)} \oplus 3V^{\varnothing,(1,1,1,1,1)} \oplus 7136V^{(1),\varnothing} \oplus 17684V^{(1),(1)} \oplus 5586V^{(1),(2)} \oplus 6954V^{(1),(1,1)} \oplus 1608V^{(1),(2,1)} \oplus 1728V^{(1),(1,1,1)} \oplus 33V^{(1),(2,2)} \oplus 41V^{(1),(2,1,1)} \oplus 41V^{(1),(1,1,1,1)} \oplus 3120V^{(2),\varnothing} \oplus 6522V^{(2),(1)} \oplus 1308V^{(2),(2)} \oplus 1676V^{(2),(1,1)} \oplus 101V^{(2),(2,1)} \oplus 107V^{(2),(1,1,1)} \oplus 3120V^{(1,1),\varnothing} \oplus 6522V^{(1,1),(1)} \oplus 1308V^{(1,1),(2)} \oplus 1676V^{(1,1),(1,1)} \oplus 101V^{(1,1),(2,1)} \oplus 107V^{(1,1),(1,1,1)} \oplus 1352V^{(3),\varnothing} \oplus 1480V^{(3),(1)} \oplus 83V^{(3),(2)} \oplus 101V^{(3),(1,1)} \oplus 1452V^{(2,1),\varnothing} \oplus 1560V^{(2,1),(1)} \oplus 87V^{(2,1),(2)} \oplus 107V^{(2,1),(1,1)} \oplus 1352V^{(1,1,1),\varnothing} \oplus 1480V^{(1,1,1),(1)} \oplus 83V^{(1,1,1),(2)} \oplus 101V^{(1,1,1),(1,1)} \oplus 260V^{(4),\varnothing} \oplus 25V^{(4),(1)} \oplus 464V^{(3,1),\varnothing} \oplus 31V^{(3,1),(1)} \oplus 464V^{(2,1,1),\varnothing} \oplus 31V^{(2,1,1),(1)} \oplus 260V^{(1,1,1,1),\varnothing} \oplus 25V^{(1,1,1,1),(1)} \oplus 3V^{(4,1),\varnothing} \oplus 4V^{(3,1,1),\varnothing} \oplus 3V^{(2,1,1,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 3120V^{\varnothing,(1)} \oplus 1268V^{\varnothing,(2)} \oplus 1736V^{\varnothing,(1,1)} \oplus 840V^{\varnothing,(2,1)} \oplus 840V^{\varnothing,(1,1,1)} \oplus 270V^{\varnothing,(2,2)} \oplus 420V^{\varnothing,(2,1,1)} \oplus 420V^{\varnothing,(1,1,1,1)} \oplus 116V^{\varnothing,(2,2,1)} \oplus 192V^{\varnothing,(2,1,1,1)} \oplus 116V^{\varnothing,(1,1,1,1,1)} \oplus V^{\varnothing,(2,2,1,1)} \oplus V^{\varnothing,(2,1,1,1,1)} \oplus 2280V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 4496V^{(1),(2)} \oplus 5280V^{(1),(1,1)} \oplus 2166V^{(1),(2,1)} \oplus 2274V^{(1),(1,1,1)} \oplus 468V^{(1),(2,2)} \oplus 632V^{(1),(2,1,1)} \oplus 632V^{(1),(1,1,1,1)} \oplus 9V^{(1),(2,2,1)} \oplus 11V^{(1),(2,1,1,1)} \oplus 9V^{(1),(1,1,1,1,1)} \oplus 1356V^{(2),\varnothing} \oplus 5136V^{(2),(1)} \oplus 1862V^{(2),(2)} \oplus 2330V^{(2),(1,1)} \oplus 588V^{(2),(2,1)} \oplus 636V^{(2),(1,1,1)} \oplus 27V^{(2),(2,2)} \oplus 35V^{(2),(2,1,1)} \oplus 35V^{(2),(1,1,1,1)} \oplus 1356V^{(1,1),\varnothing} \oplus 5136V^{(1,1),(1)} \oplus 1862V^{(1,1),(2)} \oplus 2330V^{(1,1),(1,1)} \oplus 588V^{(1,1),(2,1)} \oplus 636V^{(1,1),(1,1,1)} \oplus 27V^{(1,1),(2,2)} \oplus 35V^{(1,1),(2,1,1)} \oplus 35V^{(1,1),(1,1,1,1)} \oplus 688V^{(3),\varnothing} \oplus 2094V^{(3),(1)} \oplus 452V^{(3),(2)} \oplus 588V^{(3),(1,1)} \oplus 61V^{(3),(2,1)} \oplus 65V^{(3),(1,1,1)} \oplus 688V^{(2,1),\varnothing} \oplus 2166V^{(2,1),(1)} \oplus 484V^{(2,1),(2)} \oplus 636V^{(2,1),(1,1)} \oplus 65V^{(2,1),(2,1)} \oplus 71V^{(2,1),(1,1,1)} \oplus 688V^{(1,1,1),\varnothing} \oplus 2094V^{(1,1,1),(1)} \oplus 452V^{(1,1,1),(2)} \oplus 588V^{(1,1,1),(1,1)} \oplus 61V^{(1,1,1),(2,1)} \oplus 65V^{(1,1,1),(1,1,1)} \oplus 234V^{(4),\varnothing} \oplus 448V^{(4),(1)} \oplus 18V^{(4),(2)} \oplus 27V^{(4),(1,1)} \oplus 384V^{(3,1),\varnothing} \oplus 592V^{(3,1),(1)} \oplus 23V^{(3,1),(2)} \oplus 35V^{(3,1),(1,1)} \oplus 384V^{(2,1,1),\varnothing} \oplus 592V^{(2,1,1),(1)} \oplus 23V^{(2,1,1),(2)} \oplus 35V^{(2,1,1),(1,1)} \oplus 234V^{(1,1,1,1),\varnothing} \oplus 448V^{(1,1,1,1),(1)} \oplus 18V^{(1,1,1,1),(2)} \oplus 27V^{(1,1,1,1),(1,1)} \oplus 104V^{(4,1),\varnothing} \oplus 7V^{(4,1),(1)} \oplus 180V^{(3,1,1),\varnothing} \oplus 9V^{(3,1,1),(1)} \oplus 104V^{(2,1,1,1),\varnothing} \oplus 7V^{(2,1,1,1),(1)} \oplus V^{(4,1,1),\varnothing} \oplus V^{(3,1,1,1),\varnothing}$
$k = 7: \quad 400V^{\varnothing,(1)} \oplus 280V^{\varnothing,(2)} \oplus 280V^{\varnothing,(1,1)} \oplus 160V^{\varnothing,(2,1)} \oplus 160V^{\varnothing,(1,1,1)} \oplus 80V^{\varnothing,(2,2)} \oplus 80V^{\varnothing,(2,1,1)} \oplus 80V^{\varnothing,(1,1,1,1)} \oplus 40V^{\varnothing,(2,2,1)} \oplus 40V^{\varnothing,(2,1,1,1)} \oplus 40V^{\varnothing,(1,1,1,1,1)} \oplus 20V^{\varnothing,(2,2,1,1)} \oplus 20V^{\varnothing,(2,1,1,1,1)} \oplus 196V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2580V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1360V^{(1),(2,1)} \oplus 1360V^{(1),(1,1,1)} \oplus 550V^{(1),(2,2)} \oplus 650V^{(1),(2,1,1)} \oplus 650V^{(1),(1,1,1,1)} \oplus 204V^{(1),(2,2,1)} \oplus 256V^{(1),(2,1,1,1)} \oplus 204V^{(1),(1,1,1,1,1)} \oplus 3V^{(1),(2,2,1,1)} \oplus 3V^{(1),(2,1,1,1,1)} \oplus 140V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1352V^{(2),(2)} \oplus 1580V^{(2),(1,1)} \oplus 738V^{(2),(2,1)} \oplus 774V^{(2),(1,1,1)} \oplus 168V^{(2),(2,2)} \oplus 232V^{(2),(2,1,1)} \oplus 232V^{(2),(1,1,1,1)} \oplus 9V^{(2),(2,2,1)} \oplus 11V^{(2),(2,1,1,1)} \oplus 9V^{(2),(1,1,1,1,1)} \oplus 140V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1352V^{(1,1),(2)} \oplus 1580V^{(1,1),(1,1)} \oplus$

Table 104: Table for $\lambda = (4,1,1,1)$, $\mu = (2,1,1,1,1,1)$:

$k = 14: \quad 34V^{\varnothing,\varnothing}$
$k = 13: \quad 7972V^{\varnothing,\varnothing} \oplus 394V^{\varnothing,(1)} \oplus 118V^{(1),\varnothing}$
$k = 12: \quad 15012V^{\varnothing,\varnothing} \oplus 7584V^{\varnothing,(1)} \oplus 97V^{\varnothing,(2)} \oplus 126V^{\varnothing,(1,1)} \oplus 7076V^{(1),\varnothing} \oplus 1409V^{(1),(1)} \oplus 60V^{(2),\varnothing} \oplus 60V^{(1,1),\varnothing}$
$k = 11: \quad 14704V^{\varnothing,\varnothing} \oplus 13188V^{\varnothing,(1)} \oplus 1688V^{\varnothing,(2)} \oplus 2856V^{\varnothing,(1,1)} \oplus 29V^{\varnothing,(2,1)} \oplus 38V^{\varnothing,(1,1,1)} \oplus 12360V^{(1),\varnothing} \oplus 11504V^{(1),(1)} \oplus 345V^{(1),(2)} \oplus 449V^{(1),(1,1)} \oplus 2680V^{(2),\varnothing} \oplus 389V^{(2),(1)} \oplus 2680V^{(1,1),\varnothing} \oplus 389V^{(1,1),(1)} \oplus 26V^{(3),\varnothing} \oplus 28V^{(2,1),\varnothing} \oplus 26V^{(1,1,1),\varnothing}$
$k = 10: \quad 10796V^{\varnothing,\varnothing} \oplus 12424V^{\varnothing,(1)} \oplus 2758V^{\varnothing,(2)} \oplus 4516V^{\varnothing,(1,1)} \oplus 668V^{\varnothing,(2,1)} \oplus 1136V^{\varnothing,(1,1,1)} \oplus 9V^{\varnothing,(2,1,1)} \oplus 12V^{\varnothing,(1,1,1,1)} \oplus 10316V^{(1),\varnothing} \oplus 19346V^{(1),(1)} \oplus 3072V^{(1),(2)} \oplus 4168V^{(1),(1,1)} \oplus 105V^{(1),(2,1)} \oplus 137V^{(1),(1,1,1)} \oplus 4170V^{(2),\varnothing} \oplus 3976V^{(2),(1)} \oplus 195V^{(2),(2)} \oplus 269V^{(2),(1,1)} \oplus 4170V^{(1,1),\varnothing} \oplus 3976V^{(1,1),(1)} \oplus 195V^{(1,1),(2)} \oplus 269V^{(1,1),(1,1)} \oplus 976V^{(3),\varnothing} \oplus 85V^{(3),(1)} \oplus 1080V^{(2,1),\varnothing} \oplus 89V^{(2,1),(1)} \oplus 976V^{(1,1,1),\varnothing} \oplus 85V^{(1,1,1),(1)} \oplus 8V^{(4),\varnothing} \oplus 11V^{(3,1),\varnothing} \oplus 11V^{(2,1,1),\varnothing} \oplus 8V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 4680V^{\varnothing,\varnothing} \oplus 8360V^{\varnothing,(1)} \oplus 2320V^{\varnothing,(2)} \oplus 3520V^{\varnothing,(1,1)} \oplus 910V^{\varnothing,(2,1)} \oplus 1460V^{\varnothing,(1,1,1)} \oplus 284V^{\varnothing,(2,1,1)} \oplus 488V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(2,1,1,1)} \oplus 4V^{\varnothing,(1,1,1,1,1)} \oplus 5880V^{(1),\varnothing} \oplus 17540V^{(1),(1)} \oplus 5118V^{(1),(2)} \oplus 6486V^{(1),(1,1)} \oplus 1184V^{(1),(2,1)} \oplus 1608V^{(1),(1,1,1)} \oplus 33V^{(1),(2,1,1)} \oplus 41V^{(1),(1,1,1,1)} \oplus 2800V^{(2),\varnothing} \oplus 6414V^{(2),(1)} \oplus 1092V^{(2),(2)} \oplus 1508V^{(2),(1,1)} \oplus 75V^{(2),(2,1)} \oplus 101V^{(2),(1,1,1)} \oplus 2800V^{(1,1),\varnothing} \oplus 6414V^{(1,1),(1)} \oplus 1092V^{(1,1),(2)} \oplus 1508V^{(1,1),(1,1)} \oplus 75V^{(1,1),(2,1)} \oplus 101V^{(1,1),(1,1,1)} \oplus 1208V^{(3),\varnothing} \oplus 1432V^{(3),(1)} \oplus 43V^{(3),(2)} \oplus 85V^{(3),(1,1)} \oplus 1308V^{(2,1),\varnothing} \oplus 1512V^{(2,1),(1)} \oplus 45V^{(2,1),(2)} \oplus 89V^{(2,1),(1,1)} \oplus 1208V^{(1,1,1),\varnothing} \oplus 1432V^{(1,1,1),(1)} \oplus 43V^{(1,1,1),(2)} \oplus 85V^{(1,1,1),(1,1)} \oplus 228V^{(4),\varnothing} \oplus 19V^{(4),(1)} \oplus 432V^{(3,1),\varnothing} \oplus 25V^{(3,1),(1)} \oplus 432V^{(2,1,1),\varnothing} \oplus 25V^{(2,1,1),(1)} \oplus 228V^{(1,1,1,1),\varnothing} \oplus 19V^{(1,1,1,1),(1)} \oplus 3V^{(4,1),\varnothing} \oplus 4V^{(3,1,1),\varnothing} \oplus 3V^{(2,1,1,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 3120V^{\varnothing,(1)} \oplus 1268V^{\varnothing,(2)} \oplus 1736V^{\varnothing,(1,1)} \oplus 580V^{\varnothing,(2,1)} \oplus 840V^{\varnothing,(1,1,1)} \oplus 270V^{\varnothing,(2,1,1)} \oplus 420V^{\varnothing,(1,1,1,1)} \oplus 116V^{\varnothing,(2,1,1,1)} \oplus 192V^{\varnothing,(1,1,1,1,1)} \oplus V^{\varnothing,(2,1,1,1,1)} \oplus V^{\varnothing,(1,1,1,1,1,1)} \oplus 1620V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 4352V^{(1),(2)} \oplus 5136V^{(1),(1,1)} \oplus 1758V^{(1),(2,1)} \oplus 2166V^{(1),(1,1,1)} \oplus 468V^{(1),(2,1,1)} \oplus 632V^{(1),(1,1,1,1)} \oplus 9V^{(1),(2,1,1,1)} \oplus 11V^{(1),(1,1,1,1,1)} \oplus 1056V^{(2),\varnothing} \oplus 5136V^{(2),(1)} \oplus 1718V^{(2),(2)} \oplus 2186V^{(2),(1,1)} \oplus 424V^{(2),(2,1)} \oplus 588V^{(2),(1,1,1)} \oplus 27V^{(2),(2,1,1)} \oplus 35V^{(2),(1,1,1,1)} \oplus 1056V^{(1,1),\varnothing} \oplus 5136V^{(1,1),(1)} \oplus 1718V^{(1,1),(2)} \oplus 2186V^{(1,1),(1,1)} \oplus 424V^{(1,1),(2,1)} \oplus 588V^{(1,1),(1,1,1)} \oplus 27V^{(1,1),(2,1,1)} \oplus 35V^{(1,1),(1,1,1,1)} \oplus 592V^{(3),\varnothing} \oplus 2094V^{(3),(1)} \oplus 396V^{(3),(2)} \oplus 532V^{(3),(1,1)} \oplus 43V^{(3),(2,1)} \oplus 61V^{(3),(1,1,1)} \oplus 592V^{(2,1),\varnothing} \oplus 2166V^{(2,1),(1)} \oplus 412V^{(2,1),(2)} \oplus 564V^{(2,1),(1,1)} \oplus 45V^{(2,1),(2,1)} \oplus 65V^{(2,1),(1,1,1)} \oplus 592V^{(1,1,1),\varnothing} \oplus 2094V^{(1,1,1),(1)} \oplus 396V^{(1,1,1),(2)} \oplus 532V^{(1,1,1),(1,1)} \oplus 43V^{(1,1,1),(2,1)} \oplus 61V^{(1,1,1),(1,1,1)} \oplus 186V^{(4),\varnothing} \oplus 448V^{(4),(1)} \oplus 10V^{(4),(2)} \oplus 19V^{(4),(1,1)} \oplus 336V^{(3,1),\varnothing} \oplus 592V^{(3,1),(1)} \oplus 13V^{(3,1),(2)} \oplus 25V^{(3,1),(1,1)} \oplus 336V^{(2,1,1),\varnothing} \oplus 592V^{(2,1,1),(1)} \oplus 13V^{(2,1,1),(2)} \oplus 25V^{(2,1,1),(1,1)} \oplus 186V^{(1,1,1,1),\varnothing} \oplus 448V^{(1,1,1,1),(1)} \oplus 10V^{(1,1,1,1),(2)} \oplus 19V^{(1,1,1,1),(1,1)} \oplus 88V^{(4,1),\varnothing} \oplus 7V^{(4,1),(1)} \oplus 164V^{(3,1,1),\varnothing} \oplus 9V^{(3,1,1),(1)} \oplus 88V^{(2,1,1,1),\varnothing} \oplus 7V^{(2,1,1,1),(1)} \oplus V^{(4,1,1),\varnothing} \oplus V^{(3,1,1,1),\varnothing}$
$k = 7: \quad 400V^{\varnothing,(1)} \oplus 280V^{\varnothing,(2)} \oplus 280V^{\varnothing,(1,1)} \oplus 160V^{\varnothing,(2,1)} \oplus 160V^{\varnothing,(1,1,1)} \oplus 80V^{\varnothing,(2,1,1)} \oplus 80V^{\varnothing,(1,1,1,1)} \oplus 40V^{\varnothing,(2,1,1,1)} \oplus 40V^{\varnothing,(1,1,1,1,1)} \oplus 20V^{\varnothing,(2,1,1,1,1)} \oplus 20V^{\varnothing,(1,1,1,1,1,1)} \oplus 36V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2580V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1200V^{(1),(2,1)} \oplus 1360V^{(1),(1,1,1)} \oplus 550V^{(1),(2,1,1)} \oplus 650V^{(1),(1,1,1,1)} \oplus 204V^{(1),(2,1,1,1)} \oplus 256V^{(1),(1,1,1,1,1)} \oplus 3V^{(1),(2,1,1,1,1)} \oplus 3V^{(1),(1,1,1,1,1,1)} \oplus 30V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1316V^{(2),(2)} \oplus 1544V^{(2),(1,1)} \oplus 594V^{(2),(2,1)} \oplus 738V^{(2),(1,1,1)} \oplus 168V^{(2),(2,1,1)} \oplus 232V^{(2),(1,1,1,1)} \oplus 9V^{(2),(2,1,1,1)} \oplus 11V^{(2),(1,1,1,1,1)} \oplus 30V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1316V^{(1,1),(2)} \oplus 1544V^{(1,1),(1,1)} \oplus 594V^{(1,1),(2,1)} \oplus 738V^{(1,1),(1,1,1)} \oplus 168V^{(1,1),(2,1,1)} \oplus 232V^{(1,1),(1,1,1,1)} \oplus 9V^{(1,1),(2,1,1,1)} \oplus 11V^{(1,1),(1,1,1,1,1)} \oplus 24V^{(3),\varnothing} \oplus 1360V^{(3),(1)} \oplus 582V^{(3),(2)} \oplus 714V^{(3),(1,1)} \oplus 160V^{(3),(2,1)} \oplus$

Table 105: Table for $\lambda = (4,1,1,1)$, $\mu = (1,1,1,1,1,1,1)$:

$k = 14: \quad 4V^{\varnothing,\varnothing}$
$k = 13: \quad 6588V^{\varnothing,\varnothing} \oplus 297V^{\varnothing,(1)} \oplus 16V^{(1),\varnothing}$
$k = 12:$ $12700V^{\varnothing,\varnothing} \oplus 4552V^{\varnothing,(1)} \oplus 97V^{\varnothing,(1,1)} \oplus 4996V^{(1),\varnothing} \oplus 1065V^{(1),(1)} \oplus 12V^{(2),\varnothing} \oplus 12V^{(1,1),\varnothing}$
$k = 11: \quad 12958V^{\varnothing,\varnothing} \oplus 8094V^{\varnothing,(1)} \oplus 1688V^{\varnothing,(1,1)} \oplus 29V^{\varnothing,(1,1,1)} \oplus 9159V^{(1),\varnothing} \oplus 8640V^{(1),(1)} \oplus 345V^{(1),(1,1)} \oplus 1926V^{(2),\varnothing} \oplus 195V^{(2),(1)} \oplus 1926V^{(1,1),\varnothing} \oplus 195V^{(1,1),(1)} \oplus 8V^{(3),\varnothing} \oplus 9V^{(2,1),\varnothing} \oplus 8V^{(1,1,1),\varnothing}$
$k = 10:$ $9880V^{\varnothing,\varnothing} \oplus 8072V^{\varnothing,(1)} \oplus 2758V^{\varnothing,(1,1)} \oplus 668V^{\varnothing,(1,1,1)} \oplus 9V^{\varnothing,(1,1,1,1)} \oplus 8248V^{(1),\varnothing} \oplus 15298V^{(1),(1)} \oplus 3072V^{(1),(1,1)} \oplus 105V^{(1),(1,1,1)} \oplus 3229V^{(2),\varnothing} \oplus 2976V^{(2),(1)} \oplus 195V^{(2),(1,1)} \oplus 3229V^{(1,1),\varnothing} \oplus 2976V^{(1,1),(1)} \oplus 195V^{(1,1),(1,1)} \oplus 742V^{(3),\varnothing} \oplus 43V^{(3),(1)} \oplus 794V^{(2,1),\varnothing} \oplus 45V^{(2,1),(1)} \oplus 742V^{(1,1,1),\varnothing} \oplus 43V^{(1,1,1),(1)} \oplus 4V^{(4),\varnothing} \oplus 6V^{(3,1),\varnothing} \oplus 6V^{(2,1,1),\varnothing} \oplus 4V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 4440V^{\varnothing,\varnothing} \oplus 5780V^{\varnothing,(1)} \oplus 2320V^{\varnothing,(1,1)} \oplus 910V^{\varnothing,(1,1,1)} \oplus 284V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(1,1,1,1,1)} \oplus 5065V^{(1),\varnothing} \oplus 14644V^{(1),(1)} \oplus 5118V^{(1),(1,1)} \oplus 1184V^{(1),(1,1,1)} \oplus 33V^{(1),(1,1,1,1)} \oplus 2336V^{(2),\varnothing} \oplus 5082V^{(2),(1)} \oplus 1092V^{(2),(1,1)} \oplus 75V^{(2),(1,1,1)} \oplus 2336V^{(1,1),\varnothing} \oplus 5082V^{(1,1),(1)} \oplus 1092V^{(1,1),(1,1)} \oplus 75V^{(1,1),(1,1,1)} \oplus 1009V^{(3),\varnothing} \oplus 1096V^{(3),(1)} \oplus 43V^{(3),(1,1)} \oplus 1059V^{(2,1),\varnothing} \oplus 1136V^{(2,1),(1)} \oplus 45V^{(2,1),(1,1)} \oplus 1009V^{(1,1,1),\varnothing} \oplus 1096V^{(1,1,1),(1)} \oplus 43V^{(1,1,1),(1,1)} \oplus 182V^{(4),\varnothing} \oplus 10V^{(4),(1)} \oplus 360V^{(3,1),\varnothing} \oplus 13V^{(3,1),(1)} \oplus 360V^{(2,1,1),\varnothing} \oplus 13V^{(2,1,1),(1)} \oplus 182V^{(1,1,1,1),\varnothing} \oplus 10V^{(1,1,1,1),(1)} \oplus 3V^{(4,1),\varnothing} \oplus 4V^{(3,1,1),\varnothing} \oplus 3V^{(2,1,1,1),\varnothing}$
$k = 8:$ $720V^{\varnothing,\varnothing} \oplus 2400V^{\varnothing,(1)} \oplus 1268V^{\varnothing,(1,1)} \oplus 580V^{\varnothing,(1,1,1)} \oplus 270V^{\varnothing,(1,1,1,1)} \oplus 116V^{\varnothing,(1,1,1,1,1)} \oplus V^{\varnothing,(1,1,1,1,1,1)} \oplus 1446V^{(1),\varnothing} \oplus 10580V^{(1),(1)} \oplus 4352V^{(1),(1,1)} \oplus 1758V^{(1),(1,1,1)} \oplus 468V^{(1),(1,1,1,1)} \oplus 9V^{(1),(1,1,1,1,1)} \oplus 941V^{(2),\varnothing} \oplus 4352V^{(2),(1)} \oplus 1718V^{(2),(1,1)} \oplus 424V^{(2),(1,1,1)} \oplus 27V^{(2),(1,1,1,1)} \oplus 941V^{(1,1),\varnothing} \oplus 4352V^{(1,1),(1)} \oplus 1718V^{(1,1),(1,1)} \oplus 424V^{(1,1),(1,1,1)} \oplus 27V^{(1,1),(1,1,1,1)} \oplus 524V^{(3),\varnothing} \oplus 1722V^{(3),(1)} \oplus 396V^{(3),(1,1)} \oplus 43V^{(3),(1,1,1)} \oplus 524V^{(2,1),\varnothing} \oplus 1758V^{(2,1),(1)} \oplus 412V^{(2,1),(1,1)} \oplus 45V^{(2,1),(1,1,1)} \oplus 524V^{(1,1,1),\varnothing} \oplus 1722V^{(1,1,1),(1)} \oplus 396V^{(1,1,1),(1,1)} \oplus 43V^{(1,1,1),(1,1,1)} \oplus 153V^{(4),\varnothing} \oplus 376V^{(4),(1)} \oplus 10V^{(4),(1,1)} \oplus 303V^{(3,1),\varnothing} \oplus 448V^{(3,1),(1)} \oplus 13V^{(3,1),(1,1)} \oplus 303V^{(2,1,1),\varnothing} \oplus 448V^{(2,1,1),(1)} \oplus 13V^{(2,1,1),(1,1)} \oplus 153V^{(1,1,1,1),\varnothing} \oplus 376V^{(1,1,1,1),(1)} \oplus 10V^{(1,1,1,1),(1,1)} \oplus 78V^{(4,1),\varnothing} \oplus 4V^{(4,1),(1)} \oplus 154V^{(3,1,1),\varnothing} \oplus 5V^{(3,1,1),(1)} \oplus 78V^{(2,1,1,1),\varnothing} \oplus 4V^{(2,1,1,1),(1)} \oplus 2V^{(4,1,1),\varnothing} \oplus 2V^{(3,1,1,1),\varnothing}$
$k = 7: \quad 400V^{\varnothing,(1)} \oplus 280V^{\varnothing,(1,1)} \oplus 160V^{\varnothing,(1,1,1)} \oplus 80V^{\varnothing,(1,1,1,1)} \oplus 40V^{\varnothing,(1,1,1,1,1)} \oplus 20V^{\varnothing,(1,1,1,1,1,1)} \oplus V^{(1),\varnothing} \oplus 4560V^{(1),(1)} \oplus 2580V^{(1),(1,1)} \oplus 1200V^{(1),(1,1,1)} \oplus 550V^{(1),(1,1,1,1)} \oplus 204V^{(1),(1,1,1,1,1)} \oplus 3V^{(1),(1,1,1,1,1,1)} \oplus V^{(2),\varnothing} \oplus 2580V^{(2),(1)} \oplus 1316V^{(2),(1,1)} \oplus 594V^{(2),(1,1,1)} \oplus 168V^{(2),(1,1,1,1)} \oplus 9V^{(2),(1,1,1,1,1)} \oplus V^{(1,1),\varnothing} \oplus 2580V^{(1,1),(1)} \oplus 1316V^{(1,1),(1,1)} \oplus 594V^{(1,1),(1,1,1)} \oplus 168V^{(1,1),(1,1,1,1)} \oplus 9V^{(1,1),(1,1,1,1,1)} \oplus V^{(3),\varnothing} \oplus 1200V^{(3),(1)} \oplus 582V^{(3),(1,1)} \oplus 160V^{(3),(1,1,1)} \oplus 19V^{(3),(1,1,1,1)} \oplus V^{(2,1),\varnothing} \oplus 1200V^{(2,1),(1)} \oplus 594V^{(2,1),(1,1)} \oplus 168V^{(2,1),(1,1,1)} \oplus 21V^{(2,1),(1,1,1,1)} \oplus V^{(1,1,1),\varnothing} \oplus 1200V^{(1,1,1),(1)} \oplus 582V^{(1,1,1),(1,1)} \oplus 160V^{(1,1,1),(1,1,1)} \oplus 19V^{(1,1,1),(1,1,1,1)} \oplus V^{(4),\varnothing} \oplus 500V^{(4),(1)} \oplus 132V^{(4),(1,1)} \oplus 10V^{(4),(1,1,1)} \oplus V^{(3,1),\varnothing} \oplus 550V^{(3,1),(1)} \oplus 160V^{(3,1),(1,1)} \oplus 13V^{(3,1),(1,1,1)} \oplus V^{(2,1,1),\varnothing} \oplus 550V^{(2,1,1),(1)} \oplus 160V^{(2,1,1),(1,1)} \oplus 13V^{(2,1,1),(1,1,1)} \oplus V^{(1,1,1,1),\varnothing} \oplus 500V^{(1,1,1,1),(1)} \oplus 132V^{(1,1,1,1),(1,1)} \oplus 10V^{(1,1,1,1),(1,1,1)} \oplus V^{(4,1),\varnothing} \oplus 178V^{(4,1),(1)} \oplus 4V^{(4,1),(1,1)} \oplus V^{(3,1,1),\varnothing} \oplus 204V^{(3,1,1),(1)} \oplus 5V^{(3,1,1),(1,1)} \oplus V^{(2,1,1,1),\varnothing} \oplus 178V^{(2,1,1,1),(1)} \oplus 4V^{(2,1,1,1),(1,1)} \oplus V^{(4,1,1),\varnothing} \oplus 2V^{(4,1,1),(1)} \oplus V^{(3,1,1,1),\varnothing} \oplus 2V^{(3,1,1,1),(1)} \oplus V^{(4,1,1,1),\varnothing}$
$k = 6: \quad 720V^{(1),(1)} \oplus 720V^{(1),(1,1)} \oplus 468V^{(1),(1,1,1)} \oplus 260V^{(1),(1,1,1,1)} \oplus 150V^{(1),(1,1,1,1,1)} \oplus 76V^{(1),(1,1,1,1,1,1)} \oplus V^{(1),(1,1,1,1,1,1,1)} \oplus 720V^{(2),(1)} \oplus 648V^{(2),(1,1)} \oplus 368V^{(2),(1,1,1)} \oplus 186V^{(2),(1,1,1,1)} \oplus 72V^{(2),(1,1,1,1,1)} \oplus 3V^{(2),(1,1,1,1,1,1)} \oplus 720V^{(1,1),(1)} \oplus 648V^{(1,1),(1,1)} \oplus$

Table 106: Table for $\lambda = (3,3,1)$, $\mu = (7,)$:

$k = 14: \quad 3V^{\varnothing,\varnothing}$
$k = 13: \quad 6573V^{\varnothing,\varnothing} \oplus 398V^{\varnothing,(1)} \oplus 14V^{(1),\varnothing}$
$k = 12:$ $12683V^{\varnothing,\varnothing} \oplus 4680V^{\varnothing,(1)} \oplus 117V^{\varnothing,(2)} \oplus 4956V^{(1),\varnothing} \oplus 1059V^{(1),(1)} \oplus 11V^{(2),\varnothing} \oplus 11V^{(1,1),\varnothing}$
$k = 11: \quad 12953V^{\varnothing,\varnothing} \oplus 8256V^{\varnothing,(1)} \oplus 1722V^{\varnothing,(2)} \oplus 31V^{\varnothing,(3)} \oplus 9105V^{(1),\varnothing} \oplus 8544V^{(1),(1)} \oplus 339V^{(1),(2)} \oplus 1926V^{(2),\varnothing} \oplus 195V^{(2),(1)} \oplus 1926V^{(1,1),\varnothing} \oplus 195V^{(1,1),(1)} \oplus 6V^{(3),\varnothing} \oplus 9V^{(2,1),\varnothing} \oplus 5V^{(1,1,1),\varnothing}$
$k = 10: \quad 9860V^{\varnothing,\varnothing} \oplus 8258V^{\varnothing,(1)} \oplus 2808V^{\varnothing,(2)} \oplus 678V^{\varnothing,(3)} \oplus 9V^{\varnothing,(4)} \oplus 8224V^{(1),\varnothing} \oplus 15190V^{(1),(1)} \oplus 3024V^{(1),(2)} \oplus 99V^{(1),(3)} \oplus 3229V^{(2),\varnothing} \oplus 2976V^{(2),(1)} \oplus 195V^{(2),(2)} \oplus 3229V^{(1,1),\varnothing} \oplus 2976V^{(1,1),(1)} \oplus 195V^{(1,1),(2)} \oplus 438V^{(3),\varnothing} \oplus 42V^{(3),(1)} \oplus 1098V^{(2,1),\varnothing} \oplus 46V^{(2,1),(1)} \oplus 428V^{(1,1,1),\varnothing} \oplus 36V^{(1,1,1),(1)} \oplus 5V^{(3,1),\varnothing} \oplus 5V^{(2,2),\varnothing} \oplus 4V^{(2,1,1),\varnothing}$
$k = 9: \quad 4440V^{\varnothing,\varnothing} \oplus 5814V^{\varnothing,(1)} \oplus 2376V^{\varnothing,(2)} \oplus 928V^{\varnothing,(3)} \oplus 288V^{\varnothing,(4)} \oplus 3V^{\varnothing,(5)} \oplus 5065V^{(1),\varnothing} \oplus 14608V^{(1),(1)} \oplus 5082V^{(1),(2)} \oplus 1160V^{(1),(3)} \oplus 27V^{(1),(4)} \oplus 2336V^{(2),\varnothing} \oplus 5082V^{(2),(1)} \oplus 1092V^{(2),(2)} \oplus 75V^{(2),(3)} \oplus 2336V^{(1,1),\varnothing} \oplus 5082V^{(1,1),(1)} \oplus 1092V^{(1,1),(2)} \oplus 75V^{(1,1),(3)} \oplus 559V^{(3),\varnothing} \oplus 992V^{(3),(1)} \oplus 42V^{(3),(2)} \oplus 1509V^{(2,1),\varnothing} \oplus 1240V^{(2,1),(1)} \oplus 46V^{(2,1),(2)} \oplus 559V^{(1,1,1),\varnothing} \oplus 968V^{(1,1,1),(1)} \oplus 36V^{(1,1,1),(2)} \oplus 360V^{(3,1),\varnothing} \oplus 13V^{(3,1),(1)} \oplus 360V^{(2,2),\varnothing} \oplus 13V^{(2,2),(1)} \oplus 334V^{(2,1,1),\varnothing} \oplus 11V^{(2,1,1),(1)} \oplus 3V^{(3,2),\varnothing} \oplus 2V^{(3,1,1),\varnothing} \oplus 2V^{(2,2,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 2736V^{\varnothing,(1)} \oplus 1308V^{\varnothing,(2)} \oplus 596V^{\varnothing,(3)} \oplus 276V^{\varnothing,(4)} \oplus 118V^{\varnothing,(5)} \oplus V^{\varnothing,(6)} \oplus 1446V^{(1),\varnothing} \oplus 10580V^{(1),(1)} \oplus 4352V^{(1),(2)} \oplus 1758V^{(1),(3)} \oplus 468V^{(1),(4)} \oplus 9V^{(1),(5)} \oplus 941V^{(2),\varnothing} \oplus 4352V^{(2),(1)} \oplus 1718V^{(2),(2)} \oplus 424V^{(2),(3)} \oplus 27V^{(2),(4)} \oplus 941V^{(1,1),\varnothing} \oplus 4352V^{(1,1),(1)} \oplus 1718V^{(1,1),(2)} \oplus 424V^{(1,1),(3)} \oplus 27V^{(1,1),(4)} \oplus 264V^{(3),\varnothing} \oplus 1572V^{(3),(1)} \oplus 356V^{(3),(2)} \oplus 42V^{(3),(3)} \oplus 784V^{(2,1),\varnothing} \oplus 1908V^{(2,1),(1)} \oplus 452V^{(2,1),(2)} \oplus 46V^{(2,1),(3)} \oplus 264V^{(1,1,1),\varnothing} \oplus 1572V^{(1,1,1),(1)} \oplus 344V^{(1,1,1),(2)} \oplus 36V^{(1,1,1),(3)} \oplus 303V^{(3,1),\varnothing} \oplus 448V^{(3,1),(1)} \oplus 13V^{(3,1),(2)} \oplus 303V^{(2,2),\varnothing} \oplus 448V^{(2,2),(1)} \oplus 13V^{(2,2),(2)} \oplus 303V^{(2,1,1),\varnothing} \oplus 428V^{(2,1,1),(1)} \oplus 11V^{(2,1,1),(2)} \oplus 154V^{(3,2),\varnothing} \oplus 5V^{(3,2),(1)} \oplus 78V^{(3,1,1),\varnothing} \oplus 4V^{(3,1,1),(1)} \oplus 78V^{(2,2,1),\varnothing} \oplus 4V^{(2,2,1),(1)} \oplus V^{(3,3),\varnothing} \oplus V^{(3,2,1),\varnothing}$
$k = 7: \quad 441V^{\varnothing,(1)} \oplus 336V^{\varnothing,(2)} \oplus 168V^{\varnothing,(3)} \oplus 84V^{\varnothing,(4)} \oplus 42V^{\varnothing,(5)} \oplus 21V^{\varnothing,(6)} \oplus V^{(1),\varnothing} \oplus 4560V^{(1),(1)} \oplus 2580V^{(1),(2)} \oplus 1200V^{(1),(3)} \oplus 550V^{(1),(4)} \oplus 204V^{(1),(5)} \oplus 3V^{(1),(6)} \oplus V^{(2),\varnothing} \oplus 2580V^{(2),(1)} \oplus 1316V^{(2),(2)} \oplus 594V^{(2),(3)} \oplus 168V^{(2),(4)} \oplus 9V^{(2),(5)} \oplus V^{(1,1),\varnothing} \oplus 2580V^{(1,1),(1)} \oplus 1316V^{(1,1),(2)} \oplus 594V^{(1,1),(3)} \oplus 168V^{(1,1),(4)} \oplus 9V^{(1,1),(5)} \oplus V^{(3),\varnothing} \oplus 1120V^{(3),(1)} \oplus 528V^{(3),(2)} \oplus 144V^{(3),(3)} \oplus 18V^{(3),(4)} \oplus V^{(2,1),\varnothing} \oplus 1280V^{(2,1),(1)} \oplus 648V^{(2,1),(2)} \oplus 184V^{(2,1),(3)} \oplus 22V^{(2,1),(4)} \oplus V^{(1,1,1),\varnothing} \oplus 1120V^{(1,1,1),(1)} \oplus 528V^{(1,1,1),(2)} \oplus 138V^{(1,1,1),(3)} \oplus 12V^{(1,1,1),(4)} \oplus V^{(3,1),\varnothing} \oplus 550V^{(3,1),(1)} \oplus 160V^{(3,1),(2)} \oplus 13V^{(3,1),(3)} \oplus V^{(2,2),\varnothing} \oplus 550V^{(2,2),(1)} \oplus 160V^{(2,2),(2)} \oplus 13V^{(2,2),(3)} \oplus V^{(2,1,1),\varnothing} \oplus 550V^{(2,1,1),(1)} \oplus 152V^{(2,1,1),(2)} \oplus 11V^{(2,1,1),(3)} \oplus V^{(3,2),\varnothing} \oplus 204V^{(3,2),(1)} \oplus 5V^{(3,2),(2)} \oplus V^{(3,1,1),\varnothing} \oplus 178V^{(3,1,1),(1)} \oplus 4V^{(3,1,1),(2)} \oplus V^{(2,2,1),\varnothing} \oplus 178V^{(2,2,1),(1)} \oplus 4V^{(2,2,1),(2)} \oplus V^{(3,3),\varnothing} \oplus 2V^{(3,3),(1)} \oplus V^{(3,2,1),\varnothing} \oplus 2V^{(3,2,1),(1)}$
$k = 6: \quad 720V^{(1),(1)} \oplus 720V^{(1),(2)} \oplus 468V^{(1),(3)} \oplus 260V^{(1),(4)} \oplus 150V^{(1),(5)} \oplus 76V^{(1),(6)} \oplus V^{(1),(7)} \oplus 720V^{(2),(1)} \oplus 648V^{(2),(2)} \oplus 368V^{(2),(3)} \oplus 186V^{(2),(4)} \oplus 72V^{(2),(5)} \oplus 3V^{(2),(6)} \oplus 720V^{(1,1),(1)} \oplus 648V^{(1,1),(2)} \oplus 368V^{(1,1),(3)} \oplus 186V^{(1,1),(4)} \oplus 72V^{(1,1),(5)} \oplus 3V^{(1,1),(6)} \oplus 468V^{(3),(1)} \oplus 344V^{(3),(2)} \oplus 188V^{(3),(3)} \oplus 56V^{(3),(4)} \oplus 6V^{(3),(5)} \oplus 468V^{(2,1),(1)} \oplus 392V^{(2,1),(2)} \oplus 228V^{(2,1),(3)} \oplus 76V^{(2,1),(4)} \oplus 10V^{(2,1),(5)} \oplus 468V^{(1,1,1),(1)} \oplus 344V^{(1,1,1),(2)} \oplus 188V^{(1,1,1),(3)} \oplus 56V^{(1,1,1),(4)} \oplus 6V^{(1,1,1),(5)} \oplus 260V^{(3,1),(1)} \oplus 186V^{(3,1),(2)} \oplus 64V^{(3,1),(3)} \oplus 13V^{(3,1),(4)} \oplus 260V^{(2,2),(1)} \oplus 186V^{(2,2),(2)} \oplus 64V^{(2,2),(3)} \oplus 13V^{(2,2),(4)} \oplus 260V^{(2,1,1),(1)} \oplus 186V^{(2,1,1),(2)} \oplus 60V^{(2,1,1),(3)} \oplus 11V^{(2,1,1),(4)} \oplus 150V^{(3,2),(1)} \oplus 72V^{(3,2),(2)} \oplus 5V^{(3,2),(3)} \oplus 150V^{(3,1,1),(1)} \oplus 62V^{(3,1,1),(2)} \oplus 4V^{(3,1,1),(3)} \oplus 150V^{(2,2,1),(1)} \oplus 62V^{(2,2,1),(2)} \oplus 4V^{(2,2,1),(3)} \oplus 76V^{(3,3),(1)} \oplus 2V^{(3,3),(2)} \oplus 76V^{(3,2,1),(1)} \oplus 2V^{(3,2,1),(2)} \oplus V^{(3,3,1),(1)}$

Table 107: Table for $\lambda = (3,3,1)$, $\mu = (6,1)$:

$k = 14: \quad 17V^{\varnothing,\varnothing}$
$k = 13: \quad 7898V^{\varnothing,\varnothing} \oplus 515V^{\varnothing,(1)} \oplus 113V^{(1),\varnothing}$
$k = 12: \quad 14974V^{\varnothing,\varnothing} \oplus 7764V^{\varnothing,(1)} \oplus 148V^{\varnothing,(2)} \oplus 117V^{\varnothing,(1,1)} \oplus 6876V^{(1),\varnothing} \oplus 1397V^{(1),(1)} \oplus 60V^{(2),\varnothing} \oplus 60V^{(1,1),\varnothing}$
$k = 11: \quad 14710V^{\varnothing,\varnothing} \oplus 13362V^{\varnothing,(1)} \oplus 2898V^{\varnothing,(2)} \oplus 1722V^{\varnothing,(1,1)} \oplus 40V^{\varnothing,(3)} \oplus 31V^{\varnothing,(2,1)} \oplus 12090V^{(1),\varnothing} \oplus 11312V^{(1),(1)} \oplus 437V^{(1),(2)} \oplus 339V^{(1),(1,1)} \oplus 2680V^{(2),\varnothing} \oplus 389V^{(2),(1)} \oplus 2680V^{(1,1),\varnothing} \oplus 389V^{(1,1),(1)} \oplus 25V^{(3),\varnothing} \oplus 29V^{(2,1),\varnothing} \oplus 20V^{(1,1,1),\varnothing}$
$k = 10: \quad 10682V^{\varnothing,\varnothing} \oplus 12610V^{\varnothing,(1)} \oplus 4566V^{\varnothing,(2)} \oplus 2808V^{\varnothing,(1,1)} \oplus 1146V^{\varnothing,(3)} \oplus 678V^{\varnothing,(2,1)} \oplus 12V^{\varnothing,(4)} \oplus 9V^{\varnothing,(3,1)} \oplus 10196V^{(1),\varnothing} \oplus 19130V^{(1),(1)} \oplus 4072V^{(1),(2)} \oplus 3024V^{(1),(1,1)} \oplus 125V^{(1),(3)} \oplus 99V^{(1),(2,1)} \oplus 4170V^{(2),\varnothing} \oplus 3976V^{(2),(1)} \oplus 269V^{(2),(2)} \oplus 195V^{(2),(1,1)} \oplus 4170V^{(1,1),\varnothing} \oplus 3976V^{(1,1),(1)} \oplus 269V^{(1,1),(2)} \oplus 195V^{(1,1),(1,1)} \oplus 672V^{(3),\varnothing} \oplus 83V^{(3),(1)} \oplus 1384V^{(2,1),\varnothing} \oplus 91V^{(2,1),(1)} \oplus 622V^{(1,1,1),\varnothing} \oplus 71V^{(1,1,1),(1)} \oplus 11V^{(3,1),\varnothing} \oplus 11V^{(2,2),\varnothing} \oplus 9V^{(2,1,1),\varnothing}$
$k = 9: \quad 4560V^{\varnothing,\varnothing} \oplus 8394V^{\varnothing,(1)} \oplus 3576V^{\varnothing,(2)} \oplus 2376V^{\varnothing,(1,1)} \oplus 1478V^{\varnothing,(3)} \oplus 928V^{\varnothing,(2,1)} \oplus 492V^{\varnothing,(4)} \oplus 288V^{\varnothing,(3,1)} \oplus 4V^{\varnothing,(5)} \oplus 3V^{\varnothing,(4,1)} \oplus 5880V^{(1),\varnothing} \oplus 17468V^{(1),(1)} \oplus 6414V^{(1),(2)} \oplus 5082V^{(1),(1,1)} \oplus 1560V^{(1),(3)} \oplus 1160V^{(1),(2,1)} \oplus 35V^{(1),(4)} \oplus 27V^{(1),(3,1)} \oplus 2800V^{(2),\varnothing} \oplus 6414V^{(2),(1)} \oplus 1508V^{(2),(2)} \oplus 1092V^{(2),(1,1)} \oplus 101V^{(2),(3)} \oplus 75V^{(2),(2,1)} \oplus 2800V^{(1,1),\varnothing} \oplus 6414V^{(1,1),(1)} \oplus 1508V^{(1,1),(2)} \oplus 1092V^{(1,1),(1,1)} \oplus 101V^{(1,1),(3)} \oplus 75V^{(1,1),(2,1)} \oplus 758V^{(3),\varnothing} \oplus 1224V^{(3),(1)} \oplus 83V^{(3),(2)} \oplus 42V^{(3),(1,1)} \oplus 1758V^{(2,1),\varnothing} \oplus 1720V^{(2,1),(1)} \oplus 91V^{(2,1),(2)} \oplus 46V^{(2,1),(1,1)} \oplus 758V^{(1,1,1),\varnothing} \oplus 1176V^{(1,1,1),(1)} \oplus 71V^{(1,1,1),(2)} \oplus 36V^{(1,1,1),(1,1)} \oplus 432V^{(3,1),\varnothing} \oplus 25V^{(3,1),(1)} \oplus 432V^{(2,2),\varnothing} \oplus 25V^{(2,2),(1)} \oplus 380V^{(2,1,1),\varnothing} \oplus 21V^{(2,1,1),(1)} \oplus 4V^{(3,2),\varnothing} \oplus 3V^{(3,1,1),\varnothing} \oplus 3V^{(2,2,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 3456V^{\varnothing,(1)} \oplus 1776V^{\varnothing,(2)} \oplus 1308V^{\varnothing,(1,1)} \oplus 856V^{\varnothing,(3)} \oplus 596V^{\varnothing,(2,1)} \oplus 426V^{\varnothing,(4)} \oplus 276V^{\varnothing,(3,1)} \oplus 194V^{\varnothing,(5)} \oplus 118V^{\varnothing,(4,1)} \oplus V^{\varnothing,(6)} \oplus V^{\varnothing,(5,1)} \oplus 1620V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 5136V^{(1),(2)} \oplus 4352V^{(1),(1,1)} \oplus 2166V^{(1),(3)} \oplus 1758V^{(1),(2,1)} \oplus 632V^{(1),(4)} \oplus 468V^{(1),(3,1)} \oplus 11V^{(1),(5)} \oplus 9V^{(1),(4,1)} \oplus 1056V^{(2),\varnothing} \oplus 5136V^{(2),(1)} \oplus 2186V^{(2),(2)} \oplus 1718V^{(2),(1,1)} \oplus 588V^{(2),(3)} \oplus 424V^{(2),(2,1)} \oplus 35V^{(2),(4)} \oplus 27V^{(2),(3,1)} \oplus 1056V^{(1,1),\varnothing} \oplus 5136V^{(1,1),(1)} \oplus 2186V^{(1,1),(2)} \oplus 1718V^{(1,1),(1,1)} \oplus 588V^{(1,1),(3)} \oplus 424V^{(1,1),(2,1)} \oplus 35V^{(1,1),(4)} \oplus 27V^{(1,1),(3,1)} \oplus 332V^{(3),\varnothing} \oplus 1794V^{(3),(1)} \oplus 452V^{(3),(2)} \oplus 356V^{(3),(1,1)} \oplus 59V^{(3),(3)} \oplus 42V^{(3),(2,1)} \oplus 852V^{(2,1),\varnothing} \oplus 2466V^{(2,1),(1)} \oplus 644V^{(2,1),(2)} \oplus 452V^{(2,1),(1,1)} \oplus 67V^{(2,1),(3)} \oplus 46V^{(2,1),(2,1)} \oplus 332V^{(1,1,1),\varnothing} \oplus 1794V^{(1,1,1),(1)} \oplus 428V^{(1,1,1),(2)} \oplus 344V^{(1,1,1),(1,1)} \oplus 47V^{(1,1,1),(3)} \oplus 36V^{(1,1,1),(2,1)} \oplus 336V^{(3,1),\varnothing} \oplus 592V^{(3,1),(1)} \oplus 25V^{(3,1),(2)} \oplus 13V^{(3,1),(1,1)} \oplus 336V^{(2,2),\varnothing} \oplus 592V^{(2,2),(1)} \oplus 25V^{(2,2),(2)} \oplus 13V^{(2,2),(1,1)} \oplus 336V^{(2,1,1),\varnothing} \oplus 552V^{(2,1,1),(1)} \oplus 21V^{(2,1,1),(2)} \oplus 11V^{(2,1,1),(1,1)} \oplus 164V^{(3,2),\varnothing} \oplus 9V^{(3,2),(1)} \oplus 88V^{(3,1,1),\varnothing} \oplus 7V^{(3,1,1),(1)} \oplus 88V^{(2,2,1),\varnothing} \oplus 7V^{(2,2,1),(1)} \oplus V^{(3,3),\varnothing} \oplus V^{(3,2,1),\varnothing}$
$k = 7: \quad 441V^{\varnothing,(1)} \oplus 336V^{\varnothing,(2)} \oplus 336V^{\varnothing,(1,1)} \oplus 168V^{\varnothing,(3)} \oplus 168V^{\varnothing,(2,1)} \oplus 84V^{\varnothing,(4)} \oplus 84V^{\varnothing,(3,1)} \oplus 42V^{\varnothing,(5)} \oplus 42V^{\varnothing,(4,1)} \oplus 21V^{\varnothing,(6)} \oplus 21V^{\varnothing,(5,1)} \oplus 36V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2580V^{(1),(1,1)} \oplus 1360V^{(1),(3)} \oplus 1200V^{(1),(2,1)} \oplus 650V^{(1),(4)} \oplus 550V^{(1),(3,1)} \oplus 256V^{(1),(5)} \oplus 204V^{(1),(4,1)} \oplus 3V^{(1),(6)} \oplus 3V^{(1),(5,1)} \oplus 30V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1544V^{(2),(2)} \oplus 1316V^{(2),(1,1)} \oplus 738V^{(2),(3)} \oplus 594V^{(2),(2,1)} \oplus 232V^{(2),(4)} \oplus 168V^{(2),(3,1)} \oplus 11V^{(2),(5)} \oplus 9V^{(2),(4,1)} \oplus 30V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1544V^{(1,1),(2)} \oplus 1316V^{(1,1),(1,1)} \oplus 738V^{(1,1),(3)} \oplus 594V^{(1,1),(2,1)} \oplus 232V^{(1,1),(4)} \oplus 168V^{(1,1),(3,1)} \oplus 11V^{(1,1),(5)} \oplus 9V^{(1,1),(4,1)} \oplus 24V^{(3),\varnothing} \oplus 1200V^{(3),(1)} \oplus 606V^{(3),(2)} \oplus 528V^{(3),(1,1)} \oplus 188V^{(3),(3)} \oplus 144V^{(3),(2,1)} \oplus 23V^{(3),(4)} \oplus 18V^{(3),(3,1)} \oplus 24V^{(2,1),\varnothing} \oplus 1520V^{(2,1),(1)} \oplus 846V^{(2,1),(2)} \oplus 648V^{(2,1),(1,1)} \oplus 268V^{(2,1),(3)} \oplus 184V^{(2,1),(2,1)} \oplus 31V^{(2,1),(4)} \oplus 22V^{(2,1),(3,1)} \oplus 24V^{(1,1,1),\varnothing} \oplus 1200V^{(1,1,1),(1)} \oplus 606V^{(1,1,1),(2)} \oplus 528V^{(1,1,1),(1,1)} \oplus 176V^{(1,1,1),(3)} \oplus 138V^{(1,1,1),(2,1)} \oplus 17V^{(1,1,1),(4)} \oplus 12V^{(1,1,1),(3,1)} \oplus 18V^{(3,1),\varnothing} \oplus 650V^{(3,1),(1)} \oplus 216V^{(3,1),(2)} \oplus 160V^{(3,1),(1,1)} \oplus 25V^{(3,1),(3)} \oplus$

Table 108: Table for $\lambda = (3,3,1)$, $\mu = (5,2)$:

$k = 14: \quad 46V^{\varnothing,\varnothing}$
$k = 13: \quad 8230V^{\varnothing,\varnothing} \oplus 543V^{\varnothing,(1)} \oplus 255V^{(1),\varnothing}$
$k = 12: \quad 15432V^{\varnothing,\varnothing} \oplus 8180V^{\varnothing,(1)} \oplus 156V^{\varnothing,(2)} \oplus 147V^{\varnothing,(1,1)} \oplus 7680V^{(1),\varnothing} \oplus 1487V^{(1),(1)} \oplus 93V^{(2),\varnothing} \oplus 93V^{(1,1),\varnothing}$
$k = 11: \quad 15070V^{\varnothing,\varnothing} \oplus 13818V^{\varnothing,(1)} \oplus 3226V^{\varnothing,(2)} \oplus 2138V^{\varnothing,(1,1)} \oplus 42V^{\varnothing,(3)} \oplus 40V^{\varnothing,(2,1)} \oplus 13362V^{(1),\varnothing} \oplus 11888V^{(1),(1)} \oplus 461V^{(1),(2)} \oplus 435V^{(1),(1,1)} \oplus 2920V^{(2),\varnothing} \oplus 455V^{(2),(1)} \oplus 2920V^{(1,1),\varnothing} \oplus 455V^{(1,1),(1)} \oplus 29V^{(3),\varnothing} \oplus 33V^{(2,1),\varnothing} \oplus 24V^{(1,1,1),\varnothing}$
$k = 10: \quad 11144V^{\varnothing,\varnothing} \oplus 12754V^{\varnothing,(1)} \oplus 4974V^{\varnothing,(2)} \oplus 3216V^{\varnothing,(1,1)} \oplus 1250V^{\varnothing,(3)} \oplus 1146V^{\varnothing,(2,1)} \oplus 12V^{\varnothing,(4)} \oplus 12V^{\varnothing,(3,1)} \oplus 9V^{\varnothing,(2,2)} \oplus 11236V^{(1),\varnothing} \oplus 19598V^{(1),(1)} \oplus 4456V^{(1),(2)} \oplus 3552V^{(1),(1,1)} \oplus 131V^{(1),(3)} \oplus 125V^{(1),(2,1)} \oplus 4570V^{(2),\varnothing} \oplus 4216V^{(2),(1)} \oplus 293V^{(2),(2)} \oplus 267V^{(2),(1,1)} \oplus 4570V^{(1,1),\varnothing} \oplus 4216V^{(1,1),(1)} \oplus 293V^{(1,1),(2)} \oplus 267V^{(1,1),(1,1)} \oplus 752V^{(3),\varnothing} \oplus 119V^{(3),(1)} \oplus 1464V^{(2,1),\varnothing} \oplus 127V^{(2,1),(1)} \oplus 702V^{(1,1,1),\varnothing} \oplus 101V^{(1,1,1),(1)} \oplus 11V^{(3,1),\varnothing} \oplus 11V^{(2,2),\varnothing} \oplus 9V^{(2,1,1),\varnothing}$
$k = 9: \quad 4854V^{\varnothing,\varnothing} \oplus 8394V^{\varnothing,(1)} \oplus 3736V^{\varnothing,(2)} \oplus 2536V^{\varnothing,(1,1)} \oplus 1578V^{\varnothing,(3)} \oplus 1478V^{\varnothing,(2,1)} \oplus 492V^{\varnothing,(4)} \oplus 492V^{\varnothing,(3,1)} \oplus 288V^{\varnothing,(2,2)} \oplus 3V^{\varnothing,(5)} \oplus 4V^{\varnothing,(4,1)} \oplus 3V^{\varnothing,(3,2)} \oplus 7136V^{(1),\varnothing} \oplus 17576V^{(1),(1)} \oplus 6846V^{(1),(2)} \oplus 5514V^{(1),(1,1)} \oplus 1680V^{(1),(3)} \oplus 1560V^{(1),(2,1)} \oplus 35V^{(1),(4)} \oplus 35V^{(1),(3,1)} \oplus 27V^{(1),(2,2)} \oplus 3120V^{(2),\varnothing} \oplus 6522V^{(2),(1)} \oplus 1676V^{(2),(2)} \oplus 1308V^{(2),(1,1)} \oplus 107V^{(2),(3)} \oplus 101V^{(2),(2,1)} \oplus 3120V^{(1,1),\varnothing} \oplus 6522V^{(1,1),(1)} \oplus 1676V^{(1,1),(2)} \oplus 1308V^{(1,1),(1,1)} \oplus 107V^{(1,1),(3)} \oplus 101V^{(1,1),(2,1)} \oplus 902V^{(3),\varnothing} \oplus 1272V^{(3),(1)} \oplus 99V^{(3),(2)} \oplus 82V^{(3),(1,1)} \oplus 1902V^{(2,1),\varnothing} \oplus 1768V^{(2,1),(1)} \oplus 109V^{(2,1),(2)} \oplus 88V^{(2,1),(1,1)} \oplus 902V^{(1,1,1),\varnothing} \oplus 1200V^{(1,1,1),(1)} \oplus 81V^{(1,1,1),(2)} \oplus 70V^{(1,1,1),(1,1)} \oplus 464V^{(3,1),\varnothing} \oplus 31V^{(3,1),(1)} \oplus 464V^{(2,2),\varnothing} \oplus 31V^{(2,2),(1)} \oplus 412V^{(2,1,1),\varnothing} \oplus 27V^{(2,1,1),(1)} \oplus 4V^{(3,2),\varnothing} \oplus 3V^{(3,1,1),\varnothing} \oplus 3V^{(2,2,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 3456V^{\varnothing,(1)} \oplus 1776V^{\varnothing,(2)} \oplus 1308V^{\varnothing,(1,1)} \oplus 856V^{\varnothing,(3)} \oplus 856V^{\varnothing,(2,1)} \oplus 426V^{\varnothing,(4)} \oplus 426V^{\varnothing,(3,1)} \oplus 276V^{\varnothing,(2,2)} \oplus 118V^{\varnothing,(5)} \oplus 194V^{\varnothing,(4,1)} \oplus 118V^{\varnothing,(3,2)} \oplus V^{\varnothing,(5,1)} \oplus V^{\varnothing,(4,2)} \oplus 2280V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 5280V^{(1),(2)} \oplus 4496V^{(1),(1,1)} \oplus 2274V^{(1),(3)} \oplus 2166V^{(1),(2,1)} \oplus 632V^{(1),(4)} \oplus 632V^{(1),(3,1)} \oplus 468V^{(1),(2,2)} \oplus 9V^{(1),(5)} \oplus 11V^{(1),(4,1)} \oplus 9V^{(1),(3,2)} \oplus 1356V^{(2),\varnothing} \oplus 5136V^{(2),(1)} \oplus 2330V^{(2),(2)} \oplus 1862V^{(2),(1,1)} \oplus 636V^{(2),(3)} \oplus 588V^{(2),(2,1)} \oplus 35V^{(2),(4)} \oplus 35V^{(2),(3,1)} \oplus 27V^{(2),(2,2)} \oplus 1356V^{(1,1),\varnothing} \oplus 5136V^{(1,1),(1)} \oplus 2330V^{(1,1),(2)} \oplus 1862V^{(1,1),(1,1)} \oplus 636V^{(1,1),(3)} \oplus 588V^{(1,1),(2,1)} \oplus 35V^{(1,1),(4)} \oplus 35V^{(1,1),(3,1)} \oplus 27V^{(1,1),(2,2)} \oplus 428V^{(3),\varnothing} \oplus 1794V^{(3),(1)} \oplus 508V^{(3),(2)} \oplus 412V^{(3),(1,1)} \oplus 63V^{(3),(3)} \oplus 59V^{(3),(2,1)} \oplus 948V^{(2,1),\varnothing} \oplus 2466V^{(2,1),(1)} \oplus 716V^{(2,1),(2)} \oplus 524V^{(2,1),(1,1)} \oplus 73V^{(2,1),(3)} \oplus 67V^{(2,1),(2,1)} \oplus 428V^{(1,1,1),\varnothing} \oplus 1794V^{(1,1,1),(1)} \oplus 472V^{(1,1,1),(2)} \oplus 388V^{(1,1,1),(1,1)} \oplus 51V^{(1,1,1),(3)} \oplus 47V^{(1,1,1),(2,1)} \oplus 384V^{(3,1),\varnothing} \oplus 592V^{(3,1),(1)} \oplus 35V^{(3,1),(2)} \oplus 23V^{(3,1),(1,1)} \oplus 384V^{(2,2),\varnothing} \oplus 592V^{(2,2),(1)} \oplus 35V^{(2,2),(2)} \oplus 23V^{(2,2),(1,1)} \oplus 384V^{(2,1,1),\varnothing} \oplus 552V^{(2,1,1),(1)} \oplus 29V^{(2,1,1),(2)} \oplus 19V^{(2,1,1),(1,1)} \oplus 180V^{(3,2),\varnothing} \oplus 9V^{(3,2),(1)} \oplus 104V^{(3,1,1),\varnothing} \oplus 7V^{(3,1,1),(1)} \oplus 104V^{(2,2,1),\varnothing} \oplus 7V^{(2,2,1),(1)} \oplus V^{(3,3),\varnothing} \oplus V^{(3,2,1),\varnothing}$
$k = 7: \quad 441V^{\varnothing,(1)} \oplus 336V^{\varnothing,(2)} \oplus 336V^{\varnothing,(1,1)} \oplus 168V^{\varnothing,(3)} \oplus 168V^{\varnothing,(2,1)} \oplus 84V^{\varnothing,(4)} \oplus 84V^{\varnothing,(3,1)} \oplus 84V^{\varnothing,(2,2)} \oplus 42V^{\varnothing,(5)} \oplus 42V^{\varnothing,(4,1)} \oplus 42V^{\varnothing,(3,2)} \oplus 21V^{\varnothing,(5,1)} \oplus 21V^{\varnothing,(4,2)} \oplus 196V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2580V^{(1),(1,1)} \oplus 1360V^{(1),(3)} \oplus 1360V^{(1),(2,1)} \oplus 650V^{(1),(4)} \oplus 650V^{(1),(3,1)} \oplus 550V^{(1),(2,2)} \oplus 204V^{(1),(5)} \oplus 256V^{(1),(4,1)} \oplus 204V^{(1),(3,2)} \oplus 3V^{(1),(5,1)} \oplus 3V^{(1),(4,2)} \oplus 140V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1580V^{(2),(2)} \oplus 1352V^{(2),(1,1)} \oplus 774V^{(2),(3)} \oplus 738V^{(2),(2,1)} \oplus 232V^{(2),(4)} \oplus 232V^{(2),(3,1)} \oplus 168V^{(2),(2,2)} \oplus 9V^{(2),(5)} \oplus 11V^{(2),(4,1)} \oplus 9V^{(2),(3,2)} \oplus 140V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1580V^{(1,1),(2)} \oplus 1352V^{(1,1),(1,1)} \oplus 774V^{(1,1),(3)} \oplus 738V^{(1,1),(2,1)} \oplus 232V^{(1,1),(4)} \oplus 232V^{(1,1),(3,1)} \oplus 168V^{(1,1),(2,2)} \oplus 9V^{(1,1),(5)} \oplus 11V^{(1,1),(4,1)} \oplus 9V^{(1,1),(3,2)} \oplus 84V^{(3),\varnothing} \oplus 1200V^{(3),(1)} \oplus 630V^{(3),(2)} \oplus 552V^{(3),(1,1)} \oplus 204V^{(3),(3)} \oplus 188V^{(3),(2,1)} \oplus 23V^{(3),(4)} \oplus 23V^{(3),(3,1)} \oplus 18V^{(3),(2,2)} \oplus 84V^{(2,1),\varnothing} \oplus 1520V^{(2,1),(1)} \oplus 882V^{(2,1),(2)} \oplus 684V^{(2,1),(1,1)} \oplus 292V^{(2,1),(3)} \oplus 268V^{(2,1),(2,1)} \oplus$

Table 109: Table for $\lambda = (3,3,1)$, $\mu = (5,1,1)$:

$k = 14: \quad 63V^{\varnothing,\varnothing}$
$k = 13: \quad 8475V^{\varnothing,\varnothing} \oplus 545V^{\varnothing,(1)} \oplus 314V^{(1),\varnothing}$
$k = 12: \quad 15748V^{\varnothing,\varnothing} \oplus 8700V^{\varnothing,(1)} \oplus 156V^{\varnothing,(2)} \oplus 148V^{\varnothing,(1,1)} \oplus 8040V^{(1),\varnothing} \oplus 1493V^{(1),(1)} \oplus 117V^{(2),\varnothing} \oplus 117V^{(1,1),\varnothing}$
$k = 11: \quad 15553V^{\varnothing,\varnothing} \oplus 14718V^{\varnothing,(1)} \oplus 3226V^{\varnothing,(2)} \oplus 2898V^{\varnothing,(1,1)} \oplus 42V^{\varnothing,(3)} \oplus 40V^{\varnothing,(2,1)} \oplus 31V^{\varnothing,(1,1,1)} \oplus 13764V^{(1),\varnothing} \oplus 12488V^{(1),(1)} \oplus 461V^{(1),(2)} \oplus 437V^{(1),(1,1)} \oplus 3046V^{(2),\varnothing} \oplus 461V^{(2),(1)} \oplus 3046V^{(1,1),\varnothing} \oplus 461V^{(1,1),(1)} \oplus 36V^{(3),\varnothing} \oplus 40V^{(2,1),\varnothing} \oplus 30V^{(1,1,1),\varnothing}$
$k = 10: \quad 11210V^{\varnothing,\varnothing} \oplus 13394V^{\varnothing,(1)} \oplus 4974V^{\varnothing,(2)} \oplus 4566V^{\varnothing,(1,1)} \oplus 1250V^{\varnothing,(3)} \oplus 1146V^{\varnothing,(2,1)} \oplus 678V^{\varnothing,(1,1,1)} \oplus 12V^{\varnothing,(4)} \oplus 12V^{\varnothing,(3,1)} \oplus 9V^{\varnothing,(2,1,1)} \oplus 12278V^{(1),\varnothing} \oplus 20570V^{(1),(1)} \oplus 4456V^{(1),(2)} \oplus 4072V^{(1),(1,1)} \oplus 131V^{(1),(3)} \oplus 125V^{(1),(2,1)} \oplus 99V^{(1),(1,1,1)} \oplus 4674V^{(2),\varnothing} \oplus 4456V^{(2),(1)} \oplus 293V^{(2),(2)} \oplus 269V^{(2),(1,1)} \oplus 4674V^{(1,1),\varnothing} \oplus 4456V^{(1,1),(1)} \oplus 293V^{(1,1),(2)} \oplus 269V^{(1,1),(1,1)} \oplus 782V^{(3),\varnothing} \oplus 123V^{(3),(1)} \oplus 1494V^{(2,1),\varnothing} \oplus 133V^{(2,1),(1)} \oplus 722V^{(1,1,1),\varnothing} \oplus 105V^{(1,1,1),(1)} \oplus 12V^{(3,1),\varnothing} \oplus 12V^{(2,2),\varnothing} \oplus 10V^{(2,1,1),\varnothing}$
$k = 9: \quad 4875V^{\varnothing,\varnothing} \oplus 8634V^{\varnothing,(1)} \oplus 3736V^{\varnothing,(2)} \oplus 3576V^{\varnothing,(1,1)} \oplus 1578V^{\varnothing,(3)} \oplus 1478V^{\varnothing,(2,1)} \oplus 928V^{\varnothing,(1,1,1)} \oplus 492V^{\varnothing,(4)} \oplus 492V^{\varnothing,(3,1)} \oplus 288V^{\varnothing,(2,1,1)} \oplus 3V^{\varnothing,(5)} \oplus 4V^{\varnothing,(4,1)} \oplus 3V^{\varnothing,(3,1,1)} \oplus 7425V^{(1),\varnothing} \oplus 18152V^{(1),(1)} \oplus 6846V^{(1),(2)} \oplus 6414V^{(1),(1,1)} \oplus 1680V^{(1),(3)} \oplus 1560V^{(1),(2,1)} \oplus 1160V^{(1),(1,1,1)} \oplus 35V^{(1),(4)} \oplus 35V^{(1),(3,1)} \oplus 27V^{(1),(2,1,1)} \oplus 3400V^{(2),\varnothing} \oplus 6846V^{(2),(1)} \oplus 1676V^{(2),(2)} \oplus 1508V^{(2),(1,1)} \oplus 107V^{(2),(3)} \oplus 101V^{(2),(2,1)} \oplus 75V^{(2),(1,1,1)} \oplus 3400V^{(1,1),\varnothing} \oplus 6846V^{(1,1),(1)} \oplus 1676V^{(1,1),(2)} \oplus 1508V^{(1,1),(1,1)} \oplus 107V^{(1,1),(3)} \oplus 101V^{(1,1),(2,1)} \oplus 75V^{(1,1),(1,1,1)} \oplus 920V^{(3),\varnothing} \oplus 1352V^{(3),(1)} \oplus 99V^{(3),(2)} \oplus 83V^{(3),(1,1)} \oplus 1920V^{(2,1),\varnothing} \oplus 1888V^{(2,1),(1)} \oplus 109V^{(2,1),(2)} \oplus 91V^{(2,1),(1,1)} \oplus 920V^{(1,1,1),\varnothing} \oplus 1280V^{(1,1,1),(1)} \oplus 81V^{(1,1,1),(2)} \oplus 71V^{(1,1,1),(1,1)} \oplus 468V^{(3,1),\varnothing} \oplus 35V^{(3,1),(1)} \oplus 468V^{(2,2),\varnothing} \oplus 35V^{(2,2),(1)} \oplus 416V^{(2,1,1),\varnothing} \oplus 29V^{(2,1,1),(1)} \oplus 4V^{(3,2),\varnothing} \oplus 3V^{(3,1,1),\varnothing} \oplus 3V^{(2,2,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 3456V^{\varnothing,(1)} \oplus 1776V^{\varnothing,(2)} \oplus 1776V^{\varnothing,(1,1)} \oplus 856V^{\varnothing,(3)} \oplus 856V^{\varnothing,(2,1)} \oplus 596V^{\varnothing,(1,1,1)} \oplus 426V^{\varnothing,(4)} \oplus 426V^{\varnothing,(3,1)} \oplus 276V^{\varnothing,(2,1,1)} \oplus 118V^{\varnothing,(5)} \oplus 194V^{\varnothing,(4,1)} \oplus 118V^{\varnothing,(3,1,1)} \oplus V^{\varnothing,(5,1)} \oplus V^{\varnothing,(4,1,1)} \oplus 2430V^{(1),\varnothing} \oplus 12068V^{(1),(1)} \oplus 5280V^{(1),(2)} \oplus 5136V^{(1),(1,1)} \oplus 2274V^{(1),(3)} \oplus 2166V^{(1),(2,1)} \oplus 1758V^{(1),(1,1,1)} \oplus 632V^{(1),(4)} \oplus 632V^{(1),(3,1)} \oplus 468V^{(1),(2,1,1)} \oplus 9V^{(1),(5)} \oplus 11V^{(1),(4,1)} \oplus 9V^{(1),(3,1,1)} \oplus 1461V^{(2),\varnothing} \oplus 5280V^{(2),(1)} \oplus 2330V^{(2),(2)} \oplus 2186V^{(2),(1,1)} \oplus 636V^{(2),(3)} \oplus 588V^{(2),(2,1)} \oplus 424V^{(2),(1,1,1)} \oplus 35V^{(2),(4)} \oplus 35V^{(2),(3,1)} \oplus 27V^{(2),(2,1,1)} \oplus 1461V^{(1,1),\varnothing} \oplus 5280V^{(1,1),(1)} \oplus 2330V^{(1,1),(2)} \oplus 2186V^{(1,1),(1,1)} \oplus 636V^{(1,1),(3)} \oplus 588V^{(1,1),(2,1)} \oplus 424V^{(1,1),(1,1,1)} \oplus 35V^{(1,1),(4)} \oplus 35V^{(1,1),(3,1)} \oplus 27V^{(1,1),(2,1,1)} \oplus 500V^{(3),\varnothing} \oplus 1866V^{(3),(1)} \oplus 508V^{(3),(2)} \oplus 452V^{(3),(1,1)} \oplus 63V^{(3),(3)} \oplus 59V^{(3),(2,1)} \oplus 42V^{(3),(1,1,1)} \oplus 1020V^{(2,1),\varnothing} \oplus 2574V^{(2,1),(1)} \oplus 716V^{(2,1),(2)} \oplus 644V^{(2,1),(1,1)} \oplus 73V^{(2,1),(3)} \oplus 67V^{(2,1),(2,1)} \oplus 46V^{(2,1),(1,1,1)} \oplus 500V^{(1,1,1),\varnothing} \oplus 1866V^{(1,1,1),(1)} \oplus 472V^{(1,1,1),(2)} \oplus 428V^{(1,1,1),(1,1)} \oplus 51V^{(1,1,1),(3)} \oplus 47V^{(1,1,1),(2,1)} \oplus 36V^{(1,1,1),(1,1,1)} \oplus 390V^{(3,1),\varnothing} \oplus 632V^{(3,1),(1)} \oplus 35V^{(3,1),(2)} \oplus 25V^{(3,1),(1,1)} \oplus 390V^{(2,2),\varnothing} \oplus 632V^{(2,2),(1)} \oplus 35V^{(2,2),(2)} \oplus 25V^{(2,2),(1,1)} \oplus 390V^{(2,1,1),\varnothing} \oplus 572V^{(2,1,1),(1)} \oplus 29V^{(2,1,1),(2)} \oplus 21V^{(2,1,1),(1,1)} \oplus 182V^{(3,2),\varnothing} \oplus 11V^{(3,2),(1)} \oplus 106V^{(3,1,1),\varnothing} \oplus 9V^{(3,1,1),(1)} \oplus 106V^{(2,2,1),\varnothing} \oplus 9V^{(2,2,1),(1)} \oplus V^{(3,3),\varnothing} \oplus V^{(3,2,1),\varnothing}$
$k = 7:$ $441V^{\varnothing,(1)} \oplus 336V^{\varnothing,(2)} \oplus 336V^{\varnothing,(1,1)} \oplus 168V^{\varnothing,(3)} \oplus 168V^{\varnothing,(2,1)} \oplus 168V^{\varnothing,(1,1,1)} \oplus 84V^{\varnothing,(4)} \oplus 84V^{\varnothing,(3,1)} \oplus 84V^{\varnothing,(2,1,1)} \oplus 42V^{\varnothing,(5)} \oplus 42V^{\varnothing,(4,1)} \oplus 42V^{\varnothing,(3,1,1)} \oplus 21V^{\varnothing,(5,1)} \oplus 21V^{\varnothing,(4,1,1)} \oplus 225V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1360V^{(1),(3)} \oplus 1360V^{(1),(2,1)} \oplus 1200V^{(1),(1,1,1)} \oplus 650V^{(1),(4)} \oplus 650V^{(1),(3,1)} \oplus 550V^{(1),(2,1,1)} \oplus 204V^{(1),(5)} \oplus 256V^{(1),(4,1)} \oplus 204V^{(1),(3,1,1)} \oplus 3V^{(1),(5,1)} \oplus 3V^{(1),(4,1,1)} \oplus 165V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1580V^{(2),(2)} \oplus 1544V^{(2),(1,1)} \oplus 774V^{(2),(3)} \oplus 738V^{(2),(2,1)} \oplus 594V^{(2),(1,1,1)} \oplus 232V^{(2),(4)} \oplus 232V^{(2),(3,1)} \oplus 168V^{(2),(2,1,1)} \oplus 9V^{(2),(5)} \oplus 11V^{(2),(4,1)} \oplus 9V^{(2),(3,1,1)} \oplus 165V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus$

Table 110: Table for $\lambda = (3,3,1)$, $\mu = (4,3)$:

$k = 14: \quad 71V^{\varnothing,\varnothing}$
$k = 13: \quad 8255V^{\varnothing,\varnothing} \oplus 521V^{\varnothing,(1)} \oplus 253V^{(1),\varnothing}$
$k = 12: \quad 15432V^{\varnothing,\varnothing} \oplus 8004V^{\varnothing,(1)} \oplus 150V^{\varnothing,(2)} \oplus 147V^{\varnothing,(1,1)} \oplus 7676V^{(1),\varnothing} \oplus 1415V^{(1),(1)} \oplus 92V^{(2),\varnothing} \oplus 92V^{(1,1),\varnothing}$
$k = 11: \quad 15070V^{\varnothing,\varnothing} \oplus 13686V^{\varnothing,(1)} \oplus 3106V^{\varnothing,(2)} \oplus 2138V^{\varnothing,(1,1)} \oplus 40V^{\varnothing,(3)} \oplus 40V^{\varnothing,(2,1)} \oplus 13362V^{(1),\varnothing} \oplus 11600V^{(1),(1)} \oplus 443V^{(1),(2)} \oplus 435V^{(1),(1,1)} \oplus 2920V^{(2),\varnothing} \oplus 407V^{(2),(1)} \oplus 2920V^{(1,1),\varnothing} \oplus 407V^{(1,1),(1)} \oplus 29V^{(3),\varnothing} \oplus 33V^{(2,1),\varnothing} \oplus 24V^{(1,1,1),\varnothing}$
$k = 10: \quad 11144V^{\varnothing,\varnothing} \oplus 12754V^{\varnothing,(1)} \oplus 4866V^{\varnothing,(2)} \oplus 3216V^{\varnothing,(1,1)} \oplus 1146V^{\varnothing,(3)} \oplus 1146V^{\varnothing,(2,1)} \oplus 9V^{\varnothing,(4)} \oplus 12V^{\varnothing,(3,1)} \oplus 11V^{\varnothing,(2,2)} \oplus 11236V^{(1),\varnothing} \oplus 19454V^{(1),(1)} \oplus 4312V^{(1),(2)} \oplus 3552V^{(1),(1,1)} \oplus 125V^{(1),(3)} \oplus 125V^{(1),(2,1)} \oplus 4570V^{(2),\varnothing} \oplus 4120V^{(2),(1)} \oplus 275V^{(2),(2)} \oplus 267V^{(2),(1,1)} \oplus 4570V^{(1,1),\varnothing} \oplus 4120V^{(1,1),(1)} \oplus 275V^{(1,1),(2)} \oplus 267V^{(1,1),(1,1)} \oplus 752V^{(3),\varnothing} \oplus 95V^{(3),(1)} \oplus 1464V^{(2,1),\varnothing} \oplus 103V^{(2,1),(1)} \oplus 702V^{(1,1,1),\varnothing} \oplus 77V^{(1,1,1),(1)} \oplus 11V^{(3,1),\varnothing} \oplus 11V^{(2,2),\varnothing} \oplus 9V^{(2,1,1),\varnothing}$
$k = 9: \quad 4854V^{\varnothing,\varnothing} \oplus 8394V^{\varnothing,(1)} \oplus 3736V^{\varnothing,(2)} \oplus 2536V^{\varnothing,(1,1)} \oplus 1478V^{\varnothing,(3)} \oplus 1478V^{\varnothing,(2,1)} \oplus 288V^{\varnothing,(4)} \oplus 492V^{\varnothing,(3,1)} \oplus 340V^{\varnothing,(2,2)} \oplus 3V^{\varnothing,(4,1)} \oplus 4V^{\varnothing,(3,2)} \oplus 7136V^{(1),\varnothing} \oplus 17576V^{(1),(1)} \oplus 6738V^{(1),(2)} \oplus 5514V^{(1),(1,1)} \oplus 1560V^{(1),(3)} \oplus 1560V^{(1),(2,1)} \oplus 27V^{(1),(4)} \oplus 35V^{(1),(3,1)} \oplus 33V^{(1),(2,2)} \oplus 3120V^{(2),\varnothing} \oplus 6522V^{(2),(1)} \oplus 1604V^{(2),(2)} \oplus 1308V^{(2),(1,1)} \oplus 101V^{(2),(3)} \oplus 101V^{(2),(2,1)} \oplus 3120V^{(1,1),\varnothing} \oplus 6522V^{(1,1),(1)} \oplus 1604V^{(1,1),(2)} \oplus 1308V^{(1,1),(1,1)} \oplus 101V^{(1,1),(3)} \oplus 101V^{(1,1),(2,1)} \oplus 902V^{(3),\varnothing} \oplus 1272V^{(3),(1)} \oplus 87V^{(3),(2)} \oplus 82V^{(3),(1,1)} \oplus 1902V^{(2,1),\varnothing} \oplus 1768V^{(2,1),(1)} \oplus 97V^{(2,1),(2)} \oplus 88V^{(2,1),(1,1)} \oplus 902V^{(1,1,1),\varnothing} \oplus 1200V^{(1,1,1),(1)} \oplus 75V^{(1,1,1),(2)} \oplus 70V^{(1,1,1),(1,1)} \oplus 464V^{(3,1),\varnothing} \oplus 31V^{(3,1),(1)} \oplus 464V^{(2,2),\varnothing} \oplus 31V^{(2,2),(1)} \oplus 412V^{(2,1,1),\varnothing} \oplus 27V^{(2,1,1),(1)} \oplus 4V^{(3,2),\varnothing} \oplus 3V^{(3,1,1),\varnothing} \oplus 3V^{(2,2,1),\varnothing}$
$k = 8:$ $1014V^{\varnothing,\varnothing} \oplus 3456V^{\varnothing,(1)} \oplus 1776V^{\varnothing,(2)} \oplus 1308V^{\varnothing,(1,1)} \oplus 856V^{\varnothing,(3)} \oplus 856V^{\varnothing,(2,1)} \oplus 276V^{\varnothing,(4)} \oplus 426V^{\varnothing,(3,1)} \oplus 276V^{\varnothing,(2,2)} \oplus 118V^{\varnothing,(4,1)} \oplus 194V^{\varnothing,(3,2)} \oplus V^{\varnothing,(4,2)} \oplus V^{\varnothing,(3,3)} \oplus 2196V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 5280V^{(1),(2)} \oplus 4496V^{(1),(1,1)} \oplus 2166V^{(1),(3)} \oplus 2166V^{(1),(2,1)} \oplus 468V^{(1),(4)} \oplus 632V^{(1),(3,1)} \oplus 528V^{(1),(2,2)} \oplus 9V^{(1),(4,1)} \oplus 11V^{(1),(3,2)} \oplus 1356V^{(2),\varnothing} \oplus 5136V^{(2),(1)} \oplus 2294V^{(2),(2)} \oplus 1862V^{(2),(1,1)} \oplus 588V^{(2),(3)} \oplus 588V^{(2),(2,1)} \oplus 27V^{(2),(4)} \oplus 35V^{(2),(3,1)} \oplus 33V^{(2),(2,2)} \oplus 1356V^{(1,1),\varnothing} \oplus 5136V^{(1,1),(1)} \oplus 2294V^{(1,1),(2)} \oplus 1862V^{(1,1),(1,1)} \oplus 588V^{(1,1),(3)} \oplus 588V^{(1,1),(2,1)} \oplus 27V^{(1,1),(4)} \oplus 35V^{(1,1),(3,1)} \oplus 33V^{(1,1),(2,2)} \oplus 428V^{(3),\varnothing} \oplus 1794V^{(3),(1)} \oplus 484V^{(3),(2)} \oplus 412V^{(3),(1,1)} \oplus 59V^{(3),(3)} \oplus 59V^{(3),(2,1)} \oplus 948V^{(2,1),\varnothing} \oplus 2466V^{(2,1),(1)} \oplus 692V^{(2,1),(2)} \oplus 524V^{(2,1),(1,1)} \oplus 67V^{(2,1),(3)} \oplus 67V^{(2,1),(2,1)} \oplus 428V^{(1,1,1),\varnothing} \oplus 1794V^{(1,1,1),(1)} \oplus 460V^{(1,1,1),(2)} \oplus 388V^{(1,1,1),(1,1)} \oplus 47V^{(1,1,1),(3)} \oplus 47V^{(1,1,1),(2,1)} \oplus 384V^{(3,1),\varnothing} \oplus 592V^{(3,1),(1)} \oplus 29V^{(3,1),(2)} \oplus 23V^{(3,1),(1,1)} \oplus 384V^{(2,2),\varnothing} \oplus 592V^{(2,2),(1)} \oplus 29V^{(2,2),(2)} \oplus 23V^{(2,2),(1,1)} \oplus 384V^{(2,1,1),\varnothing} \oplus 552V^{(2,1,1),(1)} \oplus 23V^{(2,1,1),(2)} \oplus 19V^{(2,1,1),(1,1)} \oplus 180V^{(3,2),\varnothing} \oplus 9V^{(3,2),(1)} \oplus 104V^{(3,1,1),\varnothing} \oplus 7V^{(3,1,1),(1)} \oplus 104V^{(2,2,1),\varnothing} \oplus 7V^{(2,2,1),(1)} \oplus V^{(3,3),\varnothing} \oplus V^{(3,2,1),\varnothing}$
$k = 7:$ $441V^{\varnothing,(1)} \oplus 336V^{\varnothing,(2)} \oplus 336V^{\varnothing,(1,1)} \oplus 168V^{\varnothing,(3)} \oplus 168V^{\varnothing,(2,1)} \oplus 84V^{\varnothing,(4)} \oplus 84V^{\varnothing,(3,1)} \oplus 84V^{\varnothing,(2,2)} \oplus 42V^{\varnothing,(4,1)} \oplus 42V^{\varnothing,(3,2)} \oplus 21V^{\varnothing,(4,2)} \oplus 21V^{\varnothing,(3,3)} \oplus 196V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2580V^{(1),(1,1)} \oplus 1360V^{(1),(3)} \oplus 1360V^{(1),(2,1)} \oplus 550V^{(1),(4)} \oplus 650V^{(1),(3,1)} \oplus 550V^{(1),(2,2)} \oplus 204V^{(1),(4,1)} \oplus 256V^{(1),(3,2)} \oplus 3V^{(1),(4,2)} \oplus 3V^{(1),(3,3)} \oplus 126V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1580V^{(2),(2)} \oplus 1352V^{(2),(1,1)} \oplus 738V^{(2),(3)} \oplus 738V^{(2),(2,1)} \oplus 168V^{(2),(4)} \oplus 232V^{(2),(3,1)} \oplus 192V^{(2),(2,2)} \oplus 9V^{(2),(4,1)} \oplus 11V^{(2),(3,2)} \oplus 126V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1580V^{(1,1),(2)} \oplus 1352V^{(1,1),(1,1)} \oplus 738V^{(1,1),(3)} \oplus 738V^{(1,1),(2,1)} \oplus 168V^{(1,1),(4)} \oplus 232V^{(1,1),(3,1)} \oplus 192V^{(1,1),(2,2)} \oplus 9V^{(1,1),(4,1)} \oplus 11V^{(1,1),(3,2)} \oplus 84V^{(3),\varnothing} \oplus 1200V^{(3),(1)} \oplus 630V^{(3),(2)} \oplus 552V^{(3),(1,1)} \oplus 188V^{(3),(3)} \oplus 188V^{(3),(2,1)} \oplus 18V^{(3),(4)} \oplus 23V^{(3),(3,1)} \oplus 22V^{(3),(2,2)} \oplus 84V^{(2,1),\varnothing} \oplus 1520V^{(2,1),(1)} \oplus 882V^{(2,1),(2)} \oplus 684V^{(2,1),(1,1)} \oplus 268V^{(2,1),(3)} \oplus$

Table 111: Table for $\lambda = (3,3,1)$, $\mu = (4,2,1)$:

$k = 14: \quad 373V^{\varnothing,\varnothing}$
$k = 13: \quad 9415V^{\varnothing,\varnothing} \oplus 659V^{\varnothing,(1)} \oplus 736V^{(1),\varnothing}$
$k = 12: \quad 16760V^{\varnothing,\varnothing} \oplus 9288V^{\varnothing,(1)} \oplus 186V^{\varnothing,(2)} \oplus 184V^{\varnothing,(1,1)} \oplus 9852V^{(1),\varnothing} \oplus 1823V^{(1),(1)} \oplus 174V^{(2),\varnothing} \oplus 174V^{(1,1),\varnothing}$
$k = 11: \quad 16837V^{\varnothing,\varnothing} \oplus 15174V^{\varnothing,(1)} \oplus 3642V^{\varnothing,(2)} \oplus 3434V^{\varnothing,(1,1)} \oplus 48V^{\varnothing,(3)} \oplus 51V^{\varnothing,(2,1)} \oplus 39V^{\varnothing,(1,1,1)} \oplus 16836V^{(1),\varnothing} \oplus 13304V^{(1),(1)} \oplus 557V^{(1),(2)} \oplus 551V^{(1),(1,1)} \oplus 3598V^{(2),\varnothing} \oplus 647V^{(2),(1)} \oplus 3598V^{(1,1),\varnothing} \oplus 647V^{(1,1),(1)} \oplus 40V^{(3),\varnothing} \oplus 44V^{(2,1),\varnothing} \oplus 34V^{(1,1,1),\varnothing}$
$k = 10: \quad 12785V^{\varnothing,\varnothing} \oplus 13538V^{\varnothing,(1)} \oplus 5382V^{\varnothing,(2)} \oplus 5082V^{\varnothing,(1,1)} \oplus 1310V^{\varnothing,(3)} \oplus 1718V^{\varnothing,(2,1)} \oplus 842V^{\varnothing,(1,1,1)} \oplus 11V^{\varnothing,(4)} \oplus 15V^{\varnothing,(3,1)} \oplus 12V^{\varnothing,(2,2)} \oplus 12V^{\varnothing,(2,1,1)} \oplus 15998V^{(1),\varnothing} \oplus 21038V^{(1),(1)} \oplus 4984V^{(1),(2)} \oplus 4744V^{(1),(1,1)} \oplus 149V^{(1),(3)} \oplus 157V^{(1),(2,1)} \oplus 123V^{(1),(1,1,1)} \oplus 5674V^{(2),\varnothing} \oplus 4696V^{(2),(1)} \oplus 365V^{(2),(2)} \oplus 359V^{(2),(1,1)} \oplus 5674V^{(1,1),\varnothing} \oplus 4696V^{(1,1),(1)} \oplus 365V^{(1,1),(2)} \oplus 359V^{(1,1),(1,1)} \oplus 982V^{(3),\varnothing} \oplus 159V^{(3),(1)} \oplus 1694V^{(2,1),\varnothing} \oplus 169V^{(2,1),(1)} \oplus 922V^{(1,1,1),\varnothing} \oplus 135V^{(1,1,1),(1)} \oplus 12V^{(3,1),\varnothing} \oplus 12V^{(2,2),\varnothing} \oplus 10V^{(2,1,1),\varnothing}$
$k = 9: \quad 6765V^{\varnothing,\varnothing} \oplus 8634V^{\varnothing,(1)} \oplus 3896V^{\varnothing,(2)} \oplus 3736V^{\varnothing,(1,1)} \oplus 1578V^{\varnothing,(3)} \oplus 2128V^{\varnothing,(2,1)} \oplus 1028V^{\varnothing,(1,1,1)} \oplus 340V^{\varnothing,(4)} \oplus 696V^{\varnothing,(3,1)} \oplus 492V^{\varnothing,(2,2)} \oplus 492V^{\varnothing,(2,1,1)} \oplus 4V^{\varnothing,(4,1)} \oplus 4V^{\varnothing,(3,2)} \oplus 4V^{\varnothing,(3,1,1)} \oplus 3V^{\varnothing,(2,2,1)} \oplus 11665V^{(1),\varnothing} \oplus 18260V^{(1),(1)} \oplus 7278V^{(1),(2)} \oplus 6954V^{(1),(1,1)} \oplus 1752V^{(1),(3)} \oplus 2080V^{(1),(2,1)} \oplus 1352V^{(1),(1,1,1)} \oplus 33V^{(1),(4)} \oplus 43V^{(1),(3,1)} \oplus 35V^{(1),(2,2)} \oplus 35V^{(1),(2,1,1)} \oplus 4520V^{(2),\varnothing} \oplus 6954V^{(2),(1)} \oplus 1892V^{(2),(2)} \oplus 1796V^{(2),(1,1)} \oplus 125V^{(2),(3)} \oplus 133V^{(2),(2,1)} \oplus 99V^{(2),(1,1,1)} \oplus 4520V^{(1,1),\varnothing} \oplus 6954V^{(1,1),(1)} \oplus 1892V^{(1,1),(2)} \oplus 1796V^{(1,1),(1,1)} \oplus 125V^{(1,1),(3)} \oplus 133V^{(1,1),(2,1)} \oplus 99V^{(1,1),(1,1,1)} \oplus 1280V^{(3),\varnothing} \oplus 1400V^{(3),(1)} \oplus 139V^{(3),(2)} \oplus 135V^{(3),(1,1)} \oplus 2280V^{(2,1),\varnothing} \oplus 1936V^{(2,1),(1)} \oplus 151V^{(2,1),(2)} \oplus 145V^{(2,1),(1,1)} \oplus 1280V^{(1,1,1),\varnothing} \oplus 1304V^{(1,1,1),(1)} \oplus 115V^{(1,1,1),(2)} \oplus 111V^{(1,1,1),(1,1)} \oplus 548V^{(3,1),\varnothing} \oplus 41V^{(3,1),(1)} \oplus 548V^{(2,2),\varnothing} \oplus 41V^{(2,2),(1)} \oplus 496V^{(2,1,1),\varnothing} \oplus 35V^{(2,1,1),(1)} \oplus 4V^{(3,2),\varnothing} \oplus 3V^{(3,1,1),\varnothing} \oplus 3V^{(2,2,1),\varnothing}$
$k = 8: \quad 1455V^{\varnothing,\varnothing} \oplus 3456V^{\varnothing,(1)} \oplus 1776V^{\varnothing,(2)} \oplus 1776V^{\varnothing,(1,1)} \oplus 856V^{\varnothing,(3)} \oplus 1116V^{\varnothing,(2,1)} \oplus 596V^{\varnothing,(1,1,1)} \oplus 276V^{\varnothing,(4)} \oplus 576V^{\varnothing,(3,1)} \oplus 426V^{\varnothing,(2,2)} \oplus 426V^{\varnothing,(2,1,1)} \oplus 194V^{\varnothing,(4,1)} \oplus 194V^{\varnothing,(3,2)} \oplus 194V^{\varnothing,(3,1,1)} \oplus 118V^{\varnothing,(2,2,1)} \oplus V^{\varnothing,(4,2)} \oplus V^{\varnothing,(4,1,1)} \oplus V^{\varnothing,(3,2,1)} \oplus 5640V^{(1),\varnothing} \oplus 12068V^{(1),(1)} \oplus 5424V^{(1),(2)} \oplus 5280V^{(1),(1,1)} \oplus 2274V^{(1),(3)} \oplus 2682V^{(1),(2,1)} \oplus 1866V^{(1),(1,1,1)} \oplus 528V^{(1),(4)} \oplus 796V^{(1),(3,1)} \oplus 632V^{(1),(2,2)} \oplus 632V^{(1),(2,1,1)} \oplus 11V^{(1),(4,1)} \oplus 11V^{(1),(3,2)} \oplus 11V^{(1),(3,1,1)} \oplus 9V^{(1),(2,2,1)} \oplus 2511V^{(2),\varnothing} \oplus 5280V^{(2),(1)} \oplus 2474V^{(2),(2)} \oplus 2366V^{(2),(1,1)} \oplus 672V^{(2),(3)} \oplus 800V^{(2),(2,1)} \oplus 508V^{(2),(1,1,1)} \oplus 33V^{(2),(4)} \oplus 43V^{(2),(3,1)} \oplus 35V^{(2),(2,2)} \oplus 35V^{(2),(2,1,1)} \oplus 2511V^{(1,1),\varnothing} \oplus 5280V^{(1,1),(1)} \oplus 2474V^{(1,1),(2)} \oplus 2366V^{(1,1),(1,1)} \oplus 672V^{(1,1),(3)} \oplus 800V^{(1,1),(2,1)} \oplus 508V^{(1,1),(1,1,1)} \oplus 33V^{(1,1),(4)} \oplus 43V^{(1,1),(3,1)} \oplus 35V^{(1,1),(2,2)} \oplus 35V^{(1,1),(2,1,1)} \oplus 820V^{(3),\varnothing} \oplus 1866V^{(3),(1)} \oplus 564V^{(3),(2)} \oplus 532V^{(3),(1,1)} \oplus 75V^{(3),(3)} \oplus 80V^{(3),(2,1)} \oplus 58V^{(3),(1,1,1)} \oplus 1340V^{(2,1),\varnothing} \oplus 2574V^{(2,1),(1)} \oplus 788V^{(2,1),(2)} \oplus 740V^{(2,1),(1,1)} \oplus 85V^{(2,1),(3)} \oplus 94V^{(2,1),(2,1)} \oplus 64V^{(2,1),(1,1,1)} \oplus 820V^{(1,1,1),\varnothing} \oplus 1866V^{(1,1,1),(1)} \oplus 516V^{(1,1,1),(2)} \oplus 484V^{(1,1,1),(1,1)} \oplus 57V^{(1,1,1),(3)} \oplus 62V^{(1,1,1),(2,1)} \oplus 46V^{(1,1,1),(1,1,1)} \oplus 510V^{(3,1),\varnothing} \oplus 632V^{(3,1),(1)} \oplus 45V^{(3,1),(2)} \oplus 41V^{(3,1),(1,1)} \oplus 510V^{(2,2),\varnothing} \oplus 632V^{(2,2),(1)} \oplus 45V^{(2,2),(2)} \oplus 41V^{(2,2),(1,1)} \oplus 510V^{(2,1,1),\varnothing} \oplus 572V^{(2,1,1),(1)} \oplus 37V^{(2,1,1),(2)} \oplus 35V^{(2,1,1),(1,1)} \oplus 222V^{(3,2),\varnothing} \oplus 11V^{(3,2),(1)} \oplus 146V^{(3,1,1),\varnothing} \oplus 9V^{(3,1,1),(1)} \oplus 146V^{(2,2,1),\varnothing} \oplus 9V^{(2,2,1),(1)} \oplus V^{(3,3),\varnothing} \oplus V^{(3,2,1),\varnothing}$
$k = 7: \quad 441V^{\varnothing,(1)} \oplus 336V^{\varnothing,(2)} \oplus 336V^{\varnothing,(1,1)} \oplus 168V^{\varnothing,(3)} \oplus 168V^{\varnothing,(2,1)} \oplus 168V^{\varnothing,(1,1,1)} \oplus 84V^{\varnothing,(4)} \oplus 84V^{\varnothing,(3,1)} \oplus 84V^{\varnothing,(2,2)} \oplus 84V^{\varnothing,(2,1,1)} \oplus 42V^{\varnothing,(4,1)} \oplus 42V^{\varnothing,(3,2)} \oplus 42V^{\varnothing,(3,1,1)} \oplus 42V^{\varnothing,(2,2,1)} \oplus 21V^{\varnothing,(4,2)} \oplus 21V^{\varnothing,(4,1,1)} \oplus 21V^{\varnothing,(3,2,1)} \oplus 1225V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1360V^{(1),(3)} \oplus 1520V^{(1),(2,1)} \oplus 1200V^{(1),(1,1,1)} \oplus 550V^{(1),(4)} \oplus 750V^{(1),(3,1)} \oplus 650V^{(1),(2,2)} \oplus 650V^{(1),(2,1,1)} \oplus 256V^{(1),(4,1)} \oplus 256V^{(1),(3,2)} \oplus 256V^{(1),(3,1,1)} \oplus 204V^{(1),(2,2,1)} \oplus 3V^{(1),(4,2)} \oplus 3V^{(1),(4,1,1)} \oplus$

Table 112: Table for $\lambda = (3,3,1)$, $\mu = (4,1,1,1)$:

$k = 14: \quad 63V^{\varnothing,\varnothing}$
$k = 13: \quad 8580V^{\varnothing,\varnothing} \oplus 551V^{\varnothing,(1)} \oplus 422V^{(1),\varnothing}$
$k = 12: \quad 15958V^{\varnothing,\varnothing} \oplus 8940V^{\varnothing,(1)} \oplus 156V^{\varnothing,(2)} \oplus 156V^{\varnothing,(1,1)} \oplus 8504V^{(1),\varnothing} \oplus 1511V^{(1),(1)} \oplus 134V^{(2),\varnothing} \oplus 134V^{(1,1),\varnothing}$
$k = 11: \quad 15868V^{\varnothing,\varnothing} \oplus 15042V^{\varnothing,(1)} \oplus 3226V^{\varnothing,(2)} \oplus 3226V^{\varnothing,(1,1)} \oplus 40V^{\varnothing,(3)} \oplus 42V^{\varnothing,(2,1)} \oplus 40V^{\varnothing,(1,1,1)} \oplus 14532V^{(1),\varnothing} \oplus 12776V^{(1),(1)} \oplus 461V^{(1),(2)} \oplus 461V^{(1),(1,1)} \oplus 3184V^{(2),\varnothing} \oplus 479V^{(2),(1)} \oplus 3184V^{(1,1),\varnothing} \oplus 479V^{(1,1),(1)} \oplus 37V^{(3),\varnothing} \oplus 41V^{(2,1),\varnothing} \oplus 31V^{(1,1,1),\varnothing}$
$k = 10: \quad 11420V^{\varnothing,\varnothing} \oplus 13538V^{\varnothing,(1)} \oplus 4974V^{\varnothing,(2)} \oplus 4974V^{\varnothing,(1,1)} \oplus 1146V^{\varnothing,(3)} \oplus 1250V^{\varnothing,(2,1)} \oplus 1146V^{\varnothing,(1,1,1)} \oplus 9V^{\varnothing,(4)} \oplus 12V^{\varnothing,(3,1)} \oplus 12V^{\varnothing,(2,1,1)} \oplus 9V^{\varnothing,(1,1,1,1)} \oplus 13208V^{(1),\varnothing} \oplus 20894V^{(1),(1)} \oplus 4456V^{(1),(2)} \oplus 4456V^{(1),(1,1)} \oplus 125V^{(1),(3)} \oplus 131V^{(1),(2,1)} \oplus 125V^{(1),(1,1,1)} \oplus 4924V^{(2),\varnothing} \oplus 4600V^{(2),(1)} \oplus 293V^{(2),(2)} \oplus 293V^{(2),(1,1)} \oplus 4924V^{(1,1),\varnothing} \oplus 4600V^{(1,1),(1)} \oplus 293V^{(1,1),(2)} \oplus 293V^{(1,1),(1,1)} \oplus 832V^{(3),\varnothing} \oplus 135V^{(3),(1)} \oplus 1544V^{(2,1),\varnothing} \oplus 145V^{(2,1),(1)} \oplus 772V^{(1,1,1),\varnothing} \oplus 111V^{(1,1,1),(1)} \oplus 12V^{(3,1),\varnothing} \oplus 12V^{(2,2),\varnothing} \oplus 10V^{(2,1,1),\varnothing}$
$k = 9: \quad 4980V^{\varnothing,\varnothing} \oplus 8634V^{\varnothing,(1)} \oplus 3736V^{\varnothing,(2)} \oplus 3736V^{\varnothing,(1,1)} \oplus 1478V^{\varnothing,(3)} \oplus 1578V^{\varnothing,(2,1)} \oplus 1478V^{\varnothing,(1,1,1)} \oplus 288V^{\varnothing,(4)} \oplus 492V^{\varnothing,(3,1)} \oplus 492V^{\varnothing,(2,1,1)} \oplus 288V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(4,1)} \oplus 4V^{\varnothing,(3,1,1)} \oplus 3V^{\varnothing,(2,1,1,1)} \oplus 8600V^{(1),\varnothing} \oplus 18260V^{(1),(1)} \oplus 6846V^{(1),(2)} \oplus 6846V^{(1),(1,1)} \oplus 1560V^{(1),(3)} \oplus 1680V^{(1),(2,1)} \oplus 1560V^{(1),(1,1,1)} \oplus 27V^{(1),(4)} \oplus 35V^{(1),(3,1)} \oplus 35V^{(1),(2,1,1)} \oplus 27V^{(1),(1,1,1,1)} \oplus 3680V^{(2),\varnothing} \oplus 6954V^{(2),(1)} \oplus 1676V^{(2),(2)} \oplus 1676V^{(2),(1,1)} \oplus 101V^{(2),(3)} \oplus 107V^{(2),(2,1)} \oplus 101V^{(2),(1,1,1)} \oplus 3680V^{(1,1),\varnothing} \oplus 6954V^{(1,1),(1)} \oplus 1676V^{(1,1),(2)} \oplus 1676V^{(1,1),(1,1)} \oplus 101V^{(1,1),(3)} \oplus 107V^{(1,1),(2,1)} \oplus 101V^{(1,1),(1,1,1)} \oplus 1010V^{(3),\varnothing} \oplus 1400V^{(3),(1)} \oplus 99V^{(3),(2)} \oplus 99V^{(3),(1,1)} \oplus 2010V^{(2,1),\varnothing} \oplus 1936V^{(2,1),(1)} \oplus 109V^{(2,1),(2)} \oplus 109V^{(2,1),(1,1)} \oplus 1010V^{(1,1,1),\varnothing} \oplus 1304V^{(1,1,1),(1)} \oplus 81V^{(1,1,1),(2)} \oplus 81V^{(1,1,1),(1,1)} \oplus 488V^{(3,1),\varnothing} \oplus 41V^{(3,1),(1)} \oplus 488V^{(2,2),\varnothing} \oplus 41V^{(2,2),(1)} \oplus 436V^{(2,1,1),\varnothing} \oplus 35V^{(2,1,1),(1)} \oplus 4V^{(3,2),\varnothing} \oplus 3V^{(3,1,1),\varnothing} \oplus 3V^{(2,2,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 3456V^{\varnothing,(1)} \oplus 1776V^{\varnothing,(2)} \oplus 1776V^{\varnothing,(1,1)} \oplus 856V^{\varnothing,(3)} \oplus 856V^{\varnothing,(2,1)} \oplus 856V^{\varnothing,(1,1,1)} \oplus 276V^{\varnothing,(4)} \oplus 426V^{\varnothing,(3,1)} \oplus 426V^{\varnothing,(2,1,1)} \oplus 276V^{\varnothing,(1,1,1,1)} \oplus 118V^{\varnothing,(4,1)} \oplus 194V^{\varnothing,(3,1,1)} \oplus 118V^{\varnothing,(2,1,1,1)} \oplus V^{\varnothing,(4,1,1)} \oplus V^{\varnothing,(3,1,1,1)} \oplus 3120V^{(1),\varnothing} \oplus 12068V^{(1),(1)} \oplus 5280V^{(1),(2)} \oplus 5280V^{(1),(1,1)} \oplus 2166V^{(1),(3)} \oplus 2274V^{(1),(2,1)} \oplus 2166V^{(1),(1,1,1)} \oplus 468V^{(1),(4)} \oplus 632V^{(1),(3,1)} \oplus 632V^{(1),(2,1,1)} \oplus 468V^{(1),(1,1,1,1)} \oplus 9V^{(1),(4,1)} \oplus 11V^{(1),(3,1,1)} \oplus 9V^{(1),(2,1,1,1)} \oplus 1736V^{(2),\varnothing} \oplus 5280V^{(2),(1)} \oplus 2330V^{(2),(2)} \oplus 2330V^{(2),(1,1)} \oplus 588V^{(2),(3)} \oplus 636V^{(2),(2,1)} \oplus 588V^{(2),(1,1,1)} \oplus 27V^{(2),(4)} \oplus 35V^{(2),(3,1)} \oplus 35V^{(2),(2,1,1)} \oplus 27V^{(2),(1,1,1,1)} \oplus 1736V^{(1,1),\varnothing} \oplus 5280V^{(1,1),(1)} \oplus 2330V^{(1,1),(2)} \oplus 2330V^{(1,1),(1,1)} \oplus 588V^{(1,1),(3)} \oplus 636V^{(1,1),(2,1)} \oplus 588V^{(1,1),(1,1,1)} \oplus 27V^{(1,1),(4)} \oplus 35V^{(1,1),(3,1)} \oplus 35V^{(1,1),(2,1,1)} \oplus 27V^{(1,1),(1,1,1,1)} \oplus 580V^{(3),\varnothing} \oplus 1866V^{(3),(1)} \oplus 508V^{(3),(2)} \oplus 508V^{(3),(1,1)} \oplus 59V^{(3),(3)} \oplus 63V^{(3),(2,1)} \oplus 59V^{(3),(1,1,1)} \oplus 1100V^{(2,1),\varnothing} \oplus 2574V^{(2,1),(1)} \oplus 716V^{(2,1),(2)} \oplus 716V^{(2,1),(1,1)} \oplus 67V^{(2,1),(3)} \oplus 73V^{(2,1),(2,1)} \oplus 67V^{(2,1),(1,1,1)} \oplus 580V^{(1,1,1),\varnothing} \oplus 1866V^{(1,1,1),(1)} \oplus 472V^{(1,1,1),(2)} \oplus 472V^{(1,1,1),(1,1)} \oplus 47V^{(1,1,1),(3)} \oplus 51V^{(1,1,1),(2,1)} \oplus 47V^{(1,1,1),(1,1,1)} \oplus 420V^{(3,1),\varnothing} \oplus 632V^{(3,1),(1)} \oplus 35V^{(3,1),(2)} \oplus 35V^{(3,1),(1,1)} \oplus 420V^{(2,2),\varnothing} \oplus 632V^{(2,2),(1)} \oplus 35V^{(2,2),(2)} \oplus 35V^{(2,2),(1,1)} \oplus 420V^{(2,1,1),\varnothing} \oplus 572V^{(2,1,1),(1)} \oplus 29V^{(2,1,1),(2)} \oplus 29V^{(2,1,1),(1,1)} \oplus 192V^{(3,2),\varnothing} \oplus 11V^{(3,2),(1)} \oplus 116V^{(3,1,1),\varnothing} \oplus 9V^{(3,1,1),(1)} \oplus 116V^{(2,2,1),\varnothing} \oplus 9V^{(2,2,1),(1)} \oplus V^{(3,3),\varnothing} \oplus V^{(3,2,1),\varnothing}$
$k = 7: \quad 441V^{\varnothing,(1)} \oplus 336V^{\varnothing,(2)} \oplus 336V^{\varnothing,(1,1)} \oplus 168V^{\varnothing,(3)} \oplus 168V^{\varnothing,(2,1)} \oplus 168V^{\varnothing,(1,1,1)} \oplus 84V^{\varnothing,(4)} \oplus 84V^{\varnothing,(3,1)} \oplus 84V^{\varnothing,(2,1,1)} \oplus 84V^{\varnothing,(1,1,1,1)} \oplus 42V^{\varnothing,(4,1)} \oplus 42V^{\varnothing,(3,1,1)} \oplus 42V^{\varnothing,(2,1,1,1)} \oplus 21V^{\varnothing,(4,1,1)} \oplus 21V^{\varnothing,(3,1,1,1)} \oplus 400V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1360V^{(1),(3)} \oplus 1360V^{(1),(2,1)} \oplus 1360V^{(1),(1,1,1)} \oplus 550V^{(1),(4)} \oplus 650V^{(1),(3,1)} \oplus 650V^{(1),(2,1,1)} \oplus 550V^{(1),(1,1,1,1)} \oplus 204V^{(1),(4,1)} \oplus 256V^{(1),(3,1,1)} \oplus 204V^{(1),(2,1,1,1)} \oplus 3V^{(1),(4,1,1)} \oplus 3V^{(1),(3,1,1,1)} \oplus 280V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1580V^{(2),(2)} \oplus 1580V^{(2),(1,1)} \oplus 738V^{(2),(3)} \oplus 774V^{(2),(2,1)} \oplus 738V^{(2),(1,1,1)} \oplus 168V^{(2),(4)} \oplus 232V^{(2),(3,1)} \oplus$

Table 113: Table for $\lambda = (3,3,1)$, $\mu = (3,3,1)$:

$k = 14: \quad 839V^{\varnothing,\varnothing}$
$k = 13: \quad 9146V^{\varnothing,\varnothing} \oplus 545V^{\varnothing,(1)} \oplus 545V^{(1),\varnothing}$
$k = 12: \quad 16172V^{\varnothing,\varnothing} \oplus 8700V^{\varnothing,(1)} \oplus 156V^{\varnothing,(2)} \oplus 156V^{\varnothing,(1,1)} \oplus 8700V^{(1),\varnothing} \oplus 1493V^{(1),(1)} \oplus 156V^{(2),\varnothing} \oplus 156V^{(1,1),\varnothing}$
$k = 11: \quad 15955V^{\varnothing,\varnothing} \oplus 14718V^{\varnothing,(1)} \oplus 3226V^{\varnothing,(2)} \oplus 3226V^{\varnothing,(1,1)} \oplus 39V^{\varnothing,(3)} \oplus 43V^{\varnothing,(2,1)} \oplus 33V^{\varnothing,(1,1,1)} \oplus 14718V^{(1),\varnothing} \oplus 12488V^{(1),(1)} \oplus 461V^{(1),(2)} \oplus 461V^{(1),(1,1)} \oplus 3226V^{(2),\varnothing} \oplus 461V^{(2),(1)} \oplus 3226V^{(1,1),\varnothing} \oplus 461V^{(1,1),(1)} \oplus 39V^{(3),\varnothing} \oplus 43V^{(2,1),\varnothing} \oplus 33V^{(1,1,1),\varnothing}$
$k = 10: \quad 11903V^{\varnothing,\varnothing} \oplus 13394V^{\varnothing,(1)} \oplus 4974V^{\varnothing,(2)} \oplus 4974V^{\varnothing,(1,1)} \oplus 842V^{\varnothing,(3)} \oplus 1554V^{\varnothing,(2,1)} \oplus 782V^{\varnothing,(1,1,1)} \oplus 12V^{\varnothing,(3,1)} \oplus 12V^{\varnothing,(2,2)} \oplus 10V^{\varnothing,(2,1,1)} \oplus 13394V^{(1),\varnothing} \oplus 20570V^{(1),(1)} \oplus 4456V^{(1),(2)} \oplus 4456V^{(1),(1,1)} \oplus 123V^{(1),(3)} \oplus 133V^{(1),(2,1)} \oplus 105V^{(1),(1,1,1)} \oplus 4974V^{(2),\varnothing} \oplus 4456V^{(2),(1)} \oplus 293V^{(2),(2)} \oplus 293V^{(2),(1,1)} \oplus 4974V^{(1,1),\varnothing} \oplus 4456V^{(1,1),(1)} \oplus 293V^{(1,1),(2)} \oplus 293V^{(1,1),(1,1)} \oplus 842V^{(3),\varnothing} \oplus 123V^{(3),(1)} \oplus 1554V^{(2,1),\varnothing} \oplus 133V^{(2,1),(1)} \oplus 782V^{(1,1,1),\varnothing} \oplus 105V^{(1,1,1),(1)} \oplus 12V^{(3,1),\varnothing} \oplus 12V^{(2,2),\varnothing} \oplus 10V^{(2,1,1),\varnothing}$
$k = 9: \quad 5883V^{\varnothing,\varnothing} \oplus 8634V^{\varnothing,(1)} \oplus 3736V^{\varnothing,(2)} \oplus 3736V^{\varnothing,(1,1)} \oplus 1028V^{\varnothing,(3)} \oplus 2028V^{\varnothing,(2,1)} \oplus 1028V^{\varnothing,(1,1,1)} \oplus 492V^{\varnothing,(3,1)} \oplus 492V^{\varnothing,(2,2)} \oplus 440V^{\varnothing,(2,1,1)} \oplus 4V^{\varnothing,(3,2)} \oplus 3V^{\varnothing,(3,1,1)} \oplus 3V^{\varnothing,(2,2,1)} \oplus 8634V^{(1),\varnothing} \oplus 18152V^{(1),(1)} \oplus 6846V^{(1),(2)} \oplus 6846V^{(1),(1,1)} \oplus 1352V^{(1),(3)} \oplus 1888V^{(1),(2,1)} \oplus 1280V^{(1),(1,1,1)} \oplus 35V^{(1),(3,1)} \oplus 35V^{(1),(2,2)} \oplus 29V^{(1),(2,1,1)} \oplus 3736V^{(2),\varnothing} \oplus 6846V^{(2),(1)} \oplus 1676V^{(2),(2)} \oplus 1676V^{(2),(1,1)} \oplus 99V^{(2),(3)} \oplus 109V^{(2),(2,1)} \oplus 81V^{(2),(1,1,1)} \oplus 3736V^{(1,1),\varnothing} \oplus 6846V^{(1,1),(1)} \oplus 1676V^{(1,1),(2)} \oplus 1676V^{(1,1),(1,1)} \oplus 99V^{(1,1),(3)} \oplus 109V^{(1,1),(2,1)} \oplus 81V^{(1,1),(1,1,1)} \oplus 1028V^{(3),\varnothing} \oplus 1352V^{(3),(1)} \oplus 99V^{(3),(2)} \oplus 99V^{(3),(1,1)} \oplus 2028V^{(2,1),\varnothing} \oplus 1888V^{(2,1),(1)} \oplus 109V^{(2,1),(2)} \oplus 109V^{(2,1),(1,1)} \oplus 1028V^{(1,1,1),\varnothing} \oplus 1280V^{(1,1,1),(1)} \oplus 81V^{(1,1,1),(2)} \oplus 81V^{(1,1,1),(1,1)} \oplus 492V^{(3,1),\varnothing} \oplus 35V^{(3,1),(1)} \oplus 492V^{(2,2),\varnothing} \oplus 35V^{(2,2),(1)} \oplus 440V^{(2,1,1),\varnothing} \oplus 29V^{(2,1,1),(1)} \oplus 4V^{(3,2),\varnothing} \oplus 3V^{(3,1,1),\varnothing} \oplus 3V^{(2,2,1),\varnothing}$
$k = 8: \quad 1602V^{\varnothing,\varnothing} \oplus 3456V^{\varnothing,(1)} \oplus 1776V^{\varnothing,(2)} \oplus 1776V^{\varnothing,(1,1)} \oplus 596V^{\varnothing,(3)} \oplus 1116V^{\varnothing,(2,1)} \oplus 596V^{\varnothing,(1,1,1)} \oplus 426V^{\varnothing,(3,1)} \oplus 426V^{\varnothing,(2,2)} \oplus 426V^{\varnothing,(2,1,1)} \oplus 194V^{\varnothing,(3,2)} \oplus 118V^{\varnothing,(3,1,1)} \oplus 118V^{\varnothing,(2,2,1)} \oplus V^{\varnothing,(3,3)} \oplus V^{\varnothing,(3,2,1)} \oplus 3456V^{(1),\varnothing} \oplus 12068V^{(1),(1)} \oplus 5280V^{(1),(2)} \oplus 5280V^{(1),(1,1)} \oplus 1866V^{(1),(3)} \oplus 2574V^{(1),(2,1)} \oplus 1866V^{(1),(1,1,1)} \oplus 632V^{(1),(3,1)} \oplus 632V^{(1),(2,2)} \oplus 572V^{(1),(2,1,1)} \oplus 11V^{(1),(3,2)} \oplus 9V^{(1),(3,1,1)} \oplus 9V^{(1),(2,2,1)} \oplus 1776V^{(2),\varnothing} \oplus 5280V^{(2),(1)} \oplus 2330V^{(2),(2)} \oplus 2330V^{(2),(1,1)} \oplus 508V^{(2),(3)} \oplus 716V^{(2),(2,1)} \oplus 472V^{(2),(1,1,1)} \oplus 35V^{(2),(3,1)} \oplus 35V^{(2),(2,2)} \oplus 29V^{(2),(2,1,1)} \oplus 1776V^{(1,1),\varnothing} \oplus 5280V^{(1,1),(1)} \oplus 2330V^{(1,1),(2)} \oplus 2330V^{(1,1),(1,1)} \oplus 508V^{(1,1),(3)} \oplus 716V^{(1,1),(2,1)} \oplus 472V^{(1,1),(1,1,1)} \oplus 35V^{(1,1),(3,1)} \oplus 35V^{(1,1),(2,2)} \oplus 29V^{(1,1),(2,1,1)} \oplus 596V^{(3),\varnothing} \oplus 1866V^{(3),(1)} \oplus 508V^{(3),(2)} \oplus 508V^{(3),(1,1)} \oplus 58V^{(3),(3)} \oplus 64V^{(3),(2,1)} \oplus 46V^{(3),(1,1,1)} \oplus 1116V^{(2,1),\varnothing} \oplus 2574V^{(2,1),(1)} \oplus 716V^{(2,1),(2)} \oplus 716V^{(2,1),(1,1)} \oplus 64V^{(2,1),(3)} \oplus 76V^{(2,1),(2,1)} \oplus 52V^{(2,1),(1,1,1)} \oplus 596V^{(1,1,1),\varnothing} \oplus 1866V^{(1,1,1),(1)} \oplus 472V^{(1,1,1),(2)} \oplus 472V^{(1,1,1),(1,1)} \oplus 46V^{(1,1,1),(3)} \oplus 52V^{(1,1,1),(2,1)} \oplus 40V^{(1,1,1),(1,1,1)} \oplus 426V^{(3,1),\varnothing} \oplus 632V^{(3,1),(1)} \oplus 35V^{(3,1),(2)} \oplus 35V^{(3,1),(1,1)} \oplus 426V^{(2,2),\varnothing} \oplus 632V^{(2,2),(1)} \oplus 35V^{(2,2),(2)} \oplus 35V^{(2,2),(1,1)} \oplus 426V^{(2,1,1),\varnothing} \oplus 572V^{(2,1,1),(1)} \oplus 29V^{(2,1,1),(2)} \oplus 29V^{(2,1,1),(1,1)} \oplus 194V^{(3,2),\varnothing} \oplus 11V^{(3,2),(1)} \oplus 118V^{(3,1,1),\varnothing} \oplus 9V^{(3,1,1),(1)} \oplus 118V^{(2,2,1),\varnothing} \oplus 9V^{(2,2,1),(1)} \oplus V^{(3,3),\varnothing} \oplus V^{(3,2,1),\varnothing}$
$k = 7: \quad 441V^{\varnothing,\varnothing} \oplus 441V^{\varnothing,(1)} \oplus 336V^{\varnothing,(2)} \oplus 336V^{\varnothing,(1,1)} \oplus 168V^{\varnothing,(3)} \oplus 168V^{\varnothing,(2,1)} \oplus 168V^{\varnothing,(1,1,1)} \oplus 84V^{\varnothing,(3,1)} \oplus 84V^{\varnothing,(2,2)} \oplus 84V^{\varnothing,(2,1,1)} \oplus 42V^{\varnothing,(3,2)} \oplus 42V^{\varnothing,(3,1,1)} \oplus 42V^{\varnothing,(2,2,1)} \oplus 21V^{\varnothing,(3,3)} \oplus 21V^{\varnothing,(3,2,1)} \oplus 441V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1200V^{(1),(3)} \oplus 1520V^{(1),(2,1)} \oplus 1200V^{(1),(1,1,1)} \oplus 650V^{(1),(3,1)} \oplus 650V^{(1),(2,2)} \oplus 650V^{(1),(2,1,1)} \oplus 256V^{(1),(3,2)} \oplus 204V^{(1),(3,1,1)} \oplus 204V^{(1),(2,2,1)} \oplus 3V^{(1),(3,3)} \oplus 3V^{(1),(3,2,1)} \oplus 336V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1580V^{(2),(2)} \oplus 1580V^{(2),(1,1)} \oplus 630V^{(2),(3)} \oplus 882V^{(2),(2,1)} \oplus 630V^{(2),(1,1,1)} \oplus 232V^{(2),(3,1)} \oplus 232V^{(2),(2,2)} \oplus 208V^{(2),(2,1,1)} \oplus 11V^{(2),(3,2)} \oplus 9V^{(2),(3,1,1)} \oplus 9V^{(2),(2,2,1)} \oplus 336V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1580V^{(1,1),(2)} \oplus$

Table 114: Table for $\lambda = (3,3,1)$, $\mu = (3,2,2)$:

$k = 14: \quad 373V^{\varnothing,\varnothing}$
$k = 13: \quad 9121V^{\varnothing,\varnothing} \oplus 545V^{\varnothing,(1)} \oplus 545V^{(1),\varnothing}$
$k = 12: \quad 16172V^{\varnothing,\varnothing} \oplus 8700V^{\varnothing,(1)} \oplus 156V^{\varnothing,(2)} \oplus 156V^{\varnothing,(1,1)} \oplus 8700V^{(1),\varnothing} \oplus 1493V^{(1),(1)} \oplus 156V^{(2),\varnothing} \oplus 156V^{(1,1),\varnothing}$
$k = 11: \quad 15955V^{\varnothing,\varnothing} \oplus 14718V^{\varnothing,(1)} \oplus 3226V^{\varnothing,(2)} \oplus 3226V^{\varnothing,(1,1)} \oplus 33V^{\varnothing,(3)} \oplus 43V^{\varnothing,(2,1)} \oplus 39V^{\varnothing,(1,1,1)} \oplus 14718V^{(1),\varnothing} \oplus 12488V^{(1),(1)} \oplus 461V^{(1),(2)} \oplus 461V^{(1),(1,1)} \oplus 3226V^{(2),\varnothing} \oplus 461V^{(2),(1)} \oplus 3226V^{(1,1),\varnothing} \oplus 461V^{(1,1),(1)} \oplus 39V^{(3),\varnothing} \oplus 43V^{(2,1),\varnothing} \oplus 33V^{(1,1,1),\varnothing}$
$k = 10: \quad 11903V^{\varnothing,\varnothing} \oplus 13394V^{\varnothing,(1)} \oplus 4974V^{\varnothing,(2)} \oplus 4974V^{\varnothing,(1,1)} \oplus 782V^{\varnothing,(3)} \oplus 1554V^{\varnothing,(2,1)} \oplus 842V^{\varnothing,(1,1,1)} \oplus 10V^{\varnothing,(3,1)} \oplus 12V^{\varnothing,(2,2)} \oplus 12V^{\varnothing,(2,1,1)} \oplus 13394V^{(1),\varnothing} \oplus 20570V^{(1),(1)} \oplus 4456V^{(1),(2)} \oplus 4456V^{(1),(1,1)} \oplus 105V^{(1),(3)} \oplus 133V^{(1),(2,1)} \oplus 123V^{(1),(1,1,1)} \oplus 4974V^{(2),\varnothing} \oplus 4456V^{(2),(1)} \oplus 293V^{(2),(2)} \oplus 293V^{(2),(1,1)} \oplus 4974V^{(1,1),\varnothing} \oplus 4456V^{(1,1),(1)} \oplus 293V^{(1,1),(2)} \oplus 293V^{(1,1),(1,1)} \oplus 842V^{(3),\varnothing} \oplus 123V^{(3),(1)} \oplus 1554V^{(2,1),\varnothing} \oplus 133V^{(2,1),(1)} \oplus 782V^{(1,1,1),\varnothing} \oplus 105V^{(1,1,1),(1)} \oplus 12V^{(3,1),\varnothing} \oplus 12V^{(2,2),\varnothing} \oplus 10V^{(2,1,1),\varnothing}$
$k = 9: \quad 5883V^{\varnothing,\varnothing} \oplus 8634V^{\varnothing,(1)} \oplus 3736V^{\varnothing,(2)} \oplus 3736V^{\varnothing,(1,1)} \oplus 1028V^{\varnothing,(3)} \oplus 2028V^{\varnothing,(2,1)} \oplus 1028V^{\varnothing,(1,1,1)} \oplus 440V^{\varnothing,(3,1)} \oplus 492V^{\varnothing,(2,2)} \oplus 492V^{\varnothing,(2,1,1)} \oplus 3V^{\varnothing,(3,2)} \oplus 3V^{\varnothing,(3,1,1)} \oplus 4V^{\varnothing,(2,2,1)} \oplus 8634V^{(1),\varnothing} \oplus 18152V^{(1),(1)} \oplus 6846V^{(1),(2)} \oplus 6846V^{(1),(1,1)} \oplus 1280V^{(1),(3)} \oplus 1888V^{(1),(2,1)} \oplus 1352V^{(1),(1,1,1)} \oplus 29V^{(1),(3,1)} \oplus 35V^{(1),(2,2)} \oplus 35V^{(1),(2,1,1)} \oplus 3736V^{(2),\varnothing} \oplus 6846V^{(2),(1)} \oplus 1676V^{(2),(2)} \oplus 1676V^{(2),(1,1)} \oplus 81V^{(2),(3)} \oplus 109V^{(2),(2,1)} \oplus 99V^{(2),(1,1,1)} \oplus 3736V^{(1,1),\varnothing} \oplus 6846V^{(1,1),(1)} \oplus 1676V^{(1,1),(2)} \oplus 1676V^{(1,1),(1,1)} \oplus 81V^{(1,1),(3)} \oplus 109V^{(1,1),(2,1)} \oplus 99V^{(1,1),(1,1,1)} \oplus 1028V^{(3),\varnothing} \oplus 1352V^{(3),(1)} \oplus 99V^{(3),(2)} \oplus 99V^{(3),(1,1)} \oplus 2028V^{(2,1),\varnothing} \oplus 1888V^{(2,1),(1)} \oplus 109V^{(2,1),(2)} \oplus 109V^{(2,1),(1,1)} \oplus 1028V^{(1,1,1),\varnothing} \oplus 1280V^{(1,1,1),(1)} \oplus 81V^{(1,1,1),(2)} \oplus 81V^{(1,1,1),(1,1)} \oplus 492V^{(3,1),\varnothing} \oplus 35V^{(3,1),(1)} \oplus 492V^{(2,2),\varnothing} \oplus 35V^{(2,2),(1)} \oplus 440V^{(2,1,1),\varnothing} \oplus 29V^{(2,1,1),(1)} \oplus 4V^{(3,2),\varnothing} \oplus 3V^{(3,1,1),\varnothing} \oplus 3V^{(2,2,1),\varnothing}$
$k = 8: \quad 1161V^{\varnothing,\varnothing} \oplus 3456V^{\varnothing,(1)} \oplus 1776V^{\varnothing,(2)} \oplus 1776V^{\varnothing,(1,1)} \oplus 596V^{\varnothing,(3)} \oplus 1116V^{\varnothing,(2,1)} \oplus 596V^{\varnothing,(1,1,1)} \oplus 426V^{\varnothing,(3,1)} \oplus 426V^{\varnothing,(2,2)} \oplus 426V^{\varnothing,(2,1,1)} \oplus 118V^{\varnothing,(3,2)} \oplus 118V^{\varnothing,(3,1,1)} \oplus 194V^{\varnothing,(2,2,1)} \oplus V^{\varnothing,(3,2,1)} \oplus V^{\varnothing,(2,2,2)} \oplus 3456V^{(1),\varnothing} \oplus 12068V^{(1),(1)} \oplus 5280V^{(1),(2)} \oplus 5280V^{(1),(1,1)} \oplus 1866V^{(1),(3)} \oplus 2574V^{(1),(2,1)} \oplus 1866V^{(1),(1,1,1)} \oplus 572V^{(1),(3,1)} \oplus 632V^{(1),(2,2)} \oplus 632V^{(1),(2,1,1)} \oplus 9V^{(1),(3,2)} \oplus 9V^{(1),(3,1,1)} \oplus 11V^{(1),(2,2,1)} \oplus 1776V^{(2),\varnothing} \oplus 5280V^{(2),(1)} \oplus 2330V^{(2),(2)} \oplus 2330V^{(2),(1,1)} \oplus 472V^{(2),(3)} \oplus 716V^{(2),(2,1)} \oplus 508V^{(2),(1,1,1)} \oplus 29V^{(2),(3,1)} \oplus 35V^{(2),(2,2)} \oplus 35V^{(2),(2,1,1)} \oplus 1776V^{(1,1),\varnothing} \oplus 5280V^{(1,1),(1)} \oplus 2330V^{(1,1),(2)} \oplus 2330V^{(1,1),(1,1)} \oplus 472V^{(1,1),(3)} \oplus 716V^{(1,1),(2,1)} \oplus 508V^{(1,1),(1,1,1)} \oplus 29V^{(1,1),(3,1)} \oplus 35V^{(1,1),(2,2)} \oplus 35V^{(1,1),(2,1,1)} \oplus 596V^{(3),\varnothing} \oplus 1866V^{(3),(1)} \oplus 508V^{(3),(2)} \oplus 508V^{(3),(1,1)} \oplus 46V^{(3),(3)} \oplus 64V^{(3),(2,1)} \oplus 58V^{(3),(1,1,1)} \oplus 1116V^{(2,1),\varnothing} \oplus 2574V^{(2,1),(1)} \oplus 716V^{(2,1),(2)} \oplus 716V^{(2,1),(1,1)} \oplus 52V^{(2,1),(3)} \oplus 76V^{(2,1),(2,1)} \oplus 64V^{(2,1),(1,1,1)} \oplus 596V^{(1,1,1),\varnothing} \oplus 1866V^{(1,1,1),(1)} \oplus 472V^{(1,1,1),(2)} \oplus 472V^{(1,1,1),(1,1)} \oplus 40V^{(1,1,1),(3)} \oplus 52V^{(1,1,1),(2,1)} \oplus 46V^{(1,1,1),(1,1,1)} \oplus 426V^{(3,1),\varnothing} \oplus 632V^{(3,1),(1)} \oplus 35V^{(3,1),(2)} \oplus 35V^{(3,1),(1,1)} \oplus 426V^{(2,2),\varnothing} \oplus 632V^{(2,2),(1)} \oplus 35V^{(2,2),(2)} \oplus 35V^{(2,2),(1,1)} \oplus 426V^{(2,1,1),\varnothing} \oplus 572V^{(2,1,1),(1)} \oplus 29V^{(2,1,1),(2)} \oplus 29V^{(2,1,1),(1,1)} \oplus 194V^{(3,2),\varnothing} \oplus 11V^{(3,2),(1)} \oplus 118V^{(3,1,1),\varnothing} \oplus 9V^{(3,1,1),(1)} \oplus 118V^{(2,2,1),\varnothing} \oplus 9V^{(2,2,1),(1)} \oplus V^{(3,3),\varnothing} \oplus V^{(3,2,1),\varnothing}$
$k = 7: \quad 441V^{\varnothing,(1)} \oplus 336V^{\varnothing,(2)} \oplus 336V^{\varnothing,(1,1)} \oplus 168V^{\varnothing,(3)} \oplus 168V^{\varnothing,(2,1)} \oplus 168V^{\varnothing,(1,1,1)} \oplus 84V^{\varnothing,(3,1)} \oplus 84V^{\varnothing,(2,2)} \oplus 84V^{\varnothing,(2,1,1)} \oplus 42V^{\varnothing,(3,2)} \oplus 42V^{\varnothing,(3,1,1)} \oplus 42V^{\varnothing,(2,2,1)} \oplus 21V^{\varnothing,(3,2,1)} \oplus 21V^{\varnothing,(2,2,2)} \oplus 441V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1200V^{(1),(3)} \oplus 1520V^{(1),(2,1)} \oplus 1200V^{(1),(1,1,1)} \oplus 650V^{(1),(3,1)} \oplus 650V^{(1),(2,2)} \oplus 650V^{(1),(2,1,1)} \oplus 204V^{(1),(3,2)} \oplus 204V^{(1),(3,1,1)} \oplus 256V^{(1),(2,2,1)} \oplus 3V^{(1),(3,2,1)} \oplus 3V^{(1),(2,2,2)} \oplus 336V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1580V^{(2),(2)} \oplus 1580V^{(2),(1,1)} \oplus 630V^{(2),(3)} \oplus 882V^{(2),(2,1)} \oplus 630V^{(2),(1,1,1)} \oplus 208V^{(2),(3,1)} \oplus 232V^{(2),(2,2)} \oplus 232V^{(2),(2,1,1)} \oplus 9V^{(2),(3,2)} \oplus 9V^{(2),(3,1,1)} \oplus 11V^{(2),(2,2,1)} \oplus 336V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1580V^{(1,1),(2)} \oplus$

Table 115: Table for $\lambda = (3,3,1)$, $\mu = (3,2,1,1)$:

$k = 14: \quad 373V^{\varnothing,\varnothing}$
$k = 13: \quad 9415V^{\varnothing,\varnothing} \oplus 659V^{\varnothing,(1)} \oplus 736V^{(1),\varnothing}$
$k = 12: \quad 16760V^{\varnothing,\varnothing} \oplus 9288V^{\varnothing,(1)} \oplus 184V^{\varnothing,(2)} \oplus 186V^{\varnothing,(1,1)} \oplus 9852V^{(1),\varnothing} \oplus 1823V^{(1),(1)} \oplus 174V^{(2),\varnothing} \oplus 174V^{(1,1),\varnothing}$
$k = 11: \quad 16837V^{\varnothing,\varnothing} \oplus 15174V^{\varnothing,(1)} \oplus 3434V^{\varnothing,(2)} \oplus 3642V^{\varnothing,(1,1)} \oplus 39V^{\varnothing,(3)} \oplus 51V^{\varnothing,(2,1)} \oplus 48V^{\varnothing,(1,1,1)} \oplus 16836V^{(1),\varnothing} \oplus 13304V^{(1),(1)} \oplus 551V^{(1),(2)} \oplus 557V^{(1),(1,1)} \oplus 3598V^{(2),\varnothing} \oplus 647V^{(2),(1)} \oplus 3598V^{(1,1),\varnothing} \oplus 647V^{(1,1),(1)} \oplus 40V^{(3),\varnothing} \oplus 44V^{(2,1),\varnothing} \oplus 34V^{(1,1,1),\varnothing}$
$k = 10: \quad 12785V^{\varnothing,\varnothing} \oplus 13538V^{\varnothing,(1)} \oplus 5082V^{\varnothing,(2)} \oplus 5382V^{\varnothing,(1,1)} \oplus 842V^{\varnothing,(3)} \oplus 1718V^{\varnothing,(2,1)} \oplus 1310V^{\varnothing,(1,1,1)} \oplus 12V^{\varnothing,(3,1)} \oplus 12V^{\varnothing,(2,2)} \oplus 15V^{\varnothing,(2,1,1)} \oplus 11V^{\varnothing,(1,1,1,1)} \oplus 15998V^{(1),\varnothing} \oplus 21038V^{(1),(1)} \oplus 4744V^{(1),(2)} \oplus 4984V^{(1),(1,1)} \oplus 123V^{(1),(3)} \oplus 157V^{(1),(2,1)} \oplus 149V^{(1),(1,1,1)} \oplus 5674V^{(2),\varnothing} \oplus 4696V^{(2),(1)} \oplus 359V^{(2),(2)} \oplus 365V^{(2),(1,1)} \oplus 5674V^{(1,1),\varnothing} \oplus 4696V^{(1,1),(1)} \oplus 359V^{(1,1),(2)} \oplus 365V^{(1,1),(1,1)} \oplus 982V^{(3),\varnothing} \oplus 159V^{(3),(1)} \oplus 1694V^{(2,1),\varnothing} \oplus 169V^{(2,1),(1)} \oplus 922V^{(1,1,1),\varnothing} \oplus 135V^{(1,1,1),(1)} \oplus 12V^{(3,1),\varnothing} \oplus 12V^{(2,2),\varnothing} \oplus 10V^{(2,1,1),\varnothing}$
$k = 9: \quad 6765V^{\varnothing,\varnothing} \oplus 8634V^{\varnothing,(1)} \oplus 3736V^{\varnothing,(2)} \oplus 3896V^{\varnothing,(1,1)} \oplus 1028V^{\varnothing,(3)} \oplus 2128V^{\varnothing,(2,1)} \oplus 1578V^{\varnothing,(1,1,1)} \oplus 492V^{\varnothing,(3,1)} \oplus 492V^{\varnothing,(2,2)} \oplus 696V^{\varnothing,(2,1,1)} \oplus 340V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(3,2)} \oplus 4V^{\varnothing,(3,1,1)} \oplus 4V^{\varnothing,(2,2,1)} \oplus 4V^{\varnothing,(2,1,1,1)} \oplus 11665V^{(1),\varnothing} \oplus 18260V^{(1),(1)} \oplus 6954V^{(1),(2)} \oplus 7278V^{(1),(1,1)} \oplus 1352V^{(1),(3)} \oplus 2080V^{(1),(2,1)} \oplus 1752V^{(1),(1,1,1)} \oplus 35V^{(1),(3,1)} \oplus 35V^{(1),(2,2)} \oplus 43V^{(1),(2,1,1)} \oplus 33V^{(1),(1,1,1,1)} \oplus 4520V^{(2),\varnothing} \oplus 6954V^{(2),(1)} \oplus 1796V^{(2),(2)} \oplus 1892V^{(2),(1,1)} \oplus 99V^{(2),(3)} \oplus 133V^{(2),(2,1)} \oplus 125V^{(2),(1,1,1)} \oplus 4520V^{(1,1),\varnothing} \oplus 6954V^{(1,1),(1)} \oplus 1796V^{(1,1),(2)} \oplus 1892V^{(1,1),(1,1)} \oplus 99V^{(1,1),(3)} \oplus 133V^{(1,1),(2,1)} \oplus 125V^{(1,1),(1,1,1)} \oplus 1280V^{(3),\varnothing} \oplus 1400V^{(3),(1)} \oplus 135V^{(3),(2)} \oplus 139V^{(3),(1,1)} \oplus 2280V^{(2,1),\varnothing} \oplus 1936V^{(2,1),(1)} \oplus 145V^{(2,1),(2)} \oplus 151V^{(2,1),(1,1)} \oplus 1280V^{(1,1,1),\varnothing} \oplus 1304V^{(1,1,1),(1)} \oplus 111V^{(1,1,1),(2)} \oplus 115V^{(1,1,1),(1,1)} \oplus 548V^{(3,1),\varnothing} \oplus 41V^{(3,1),(1)} \oplus 548V^{(2,2),\varnothing} \oplus 41V^{(2,2),(1)} \oplus 496V^{(2,1,1),\varnothing} \oplus 35V^{(2,1,1),(1)} \oplus 4V^{(3,2),\varnothing} \oplus 3V^{(3,1,1),\varnothing} \oplus 3V^{(2,2,1),\varnothing}$
$k = 8: \quad 1455V^{\varnothing,\varnothing} \oplus 3456V^{\varnothing,(1)} \oplus 1776V^{\varnothing,(2)} \oplus 1776V^{\varnothing,(1,1)} \oplus 596V^{\varnothing,(3)} \oplus 1116V^{\varnothing,(2,1)} \oplus 856V^{\varnothing,(1,1,1)} \oplus 426V^{\varnothing,(3,1)} \oplus 426V^{\varnothing,(2,2)} \oplus 576V^{\varnothing,(2,1,1)} \oplus 276V^{\varnothing,(1,1,1,1)} \oplus 118V^{\varnothing,(3,2)} \oplus 194V^{\varnothing,(3,1,1)} \oplus 194V^{\varnothing,(2,2,1)} \oplus 194V^{\varnothing,(2,1,1,1)} \oplus V^{\varnothing,(3,2,1)} \oplus V^{\varnothing,(3,1,1,1)} \oplus V^{\varnothing,(2,2,1,1)} \oplus 5640V^{(1),\varnothing} \oplus 12068V^{(1),(1)} \oplus 5280V^{(1),(2)} \oplus 5424V^{(1),(1,1)} \oplus 1866V^{(1),(3)} \oplus 2682V^{(1),(2,1)} \oplus 2274V^{(1),(1,1,1)} \oplus 632V^{(1),(3,1)} \oplus 632V^{(1),(2,2)} \oplus 796V^{(1),(2,1,1)} \oplus 528V^{(1),(1,1,1,1)} \oplus 9V^{(1),(3,2)} \oplus 11V^{(1),(3,1,1)} \oplus 11V^{(1),(2,2,1)} \oplus 11V^{(1),(2,1,1,1)} \oplus 2511V^{(2),\varnothing} \oplus 5280V^{(2),(1)} \oplus 2366V^{(2),(2)} \oplus 2474V^{(2),(1,1)} \oplus 508V^{(2),(3)} \oplus 800V^{(2),(2,1)} \oplus 672V^{(2),(1,1,1)} \oplus 35V^{(2),(3,1)} \oplus 35V^{(2),(2,2)} \oplus 43V^{(2),(2,1,1)} \oplus 33V^{(2),(1,1,1,1)} \oplus 2511V^{(1,1),\varnothing} \oplus 5280V^{(1,1),(1)} \oplus 2366V^{(1,1),(2)} \oplus 2474V^{(1,1),(1,1)} \oplus 508V^{(1,1),(3)} \oplus 800V^{(1,1),(2,1)} \oplus 672V^{(1,1),(1,1,1)} \oplus 35V^{(1,1),(3,1)} \oplus 35V^{(1,1),(2,2)} \oplus 43V^{(1,1),(2,1,1)} \oplus 33V^{(1,1),(1,1,1,1)} \oplus 820V^{(3),\varnothing} \oplus 1866V^{(3),(1)} \oplus 532V^{(3),(2)} \oplus 564V^{(3),(1,1)} \oplus 58V^{(3),(3)} \oplus 80V^{(3),(2,1)} \oplus 75V^{(3),(1,1,1)} \oplus 1340V^{(2,1),\varnothing} \oplus 2574V^{(2,1),(1)} \oplus 740V^{(2,1),(2)} \oplus 788V^{(2,1),(1,1)} \oplus 64V^{(2,1),(3)} \oplus 94V^{(2,1),(2,1)} \oplus 85V^{(2,1),(1,1,1)} \oplus 820V^{(1,1,1),\varnothing} \oplus 1866V^{(1,1,1),(1)} \oplus 484V^{(1,1,1),(2)} \oplus 516V^{(1,1,1),(1,1)} \oplus 46V^{(1,1,1),(3)} \oplus 62V^{(1,1,1),(2,1)} \oplus 57V^{(1,1,1),(1,1,1)} \oplus 510V^{(3,1),\varnothing} \oplus 632V^{(3,1),(1)} \oplus 41V^{(3,1),(2)} \oplus 45V^{(3,1),(1,1)} \oplus 510V^{(2,2),\varnothing} \oplus 632V^{(2,2),(1)} \oplus 41V^{(2,2),(2)} \oplus 45V^{(2,2),(1,1)} \oplus 510V^{(2,1,1),\varnothing} \oplus 572V^{(2,1,1),(1)} \oplus 35V^{(2,1,1),(2)} \oplus 37V^{(2,1,1),(1,1)} \oplus 222V^{(3,2),\varnothing} \oplus 11V^{(3,2),(1)} \oplus 146V^{(3,1,1),\varnothing} \oplus 9V^{(3,1,1),(1)} \oplus 146V^{(2,2,1),\varnothing} \oplus 9V^{(2,2,1),(1)} \oplus V^{(3,3),\varnothing} \oplus V^{(3,2,1),\varnothing}$
$k = 7: \quad 441V^{\varnothing,(1)} \oplus 336V^{\varnothing,(2)} \oplus 336V^{\varnothing,(1,1)} \oplus 168V^{\varnothing,(3)} \oplus 168V^{\varnothing,(2,1)} \oplus 168V^{\varnothing,(1,1,1)} \oplus 84V^{\varnothing,(3,1)} \oplus 84V^{\varnothing,(2,2)} \oplus 84V^{\varnothing,(2,1,1)} \oplus 84V^{\varnothing,(1,1,1,1)} \oplus 42V^{\varnothing,(3,2)} \oplus 42V^{\varnothing,(3,1,1)} \oplus 42V^{\varnothing,(2,2,1)} \oplus 42V^{\varnothing,(2,1,1,1)} \oplus 21V^{\varnothing,(3,2,1)} \oplus 21V^{\varnothing,(3,1,1,1)} \oplus 21V^{\varnothing,(2,2,1,1)} \oplus 1225V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1200V^{(1),(3)} \oplus 1520V^{(1),(2,1)} \oplus 1360V^{(1),(1,1,1)} \oplus 650V^{(1),(3,1)} \oplus 650V^{(1),(2,2)} \oplus 750V^{(1),(2,1,1)} \oplus 550V^{(1),(1,1,1,1)} \oplus 204V^{(1),(3,2)} \oplus 256V^{(1),(3,1,1)} \oplus 256V^{(1),(2,2,1)} \oplus 256V^{(1),(2,1,1,1)} \oplus 3V^{(1),(3,2,1)} \oplus$

Table 116: Table for $\lambda = (3,3,1)$, $\mu = (3,1,1,1,1)$:

$k = 14: \quad 63V^{\varnothing,\varnothing}$
$k = 13: \quad 8475V^{\varnothing,\varnothing} \oplus 545V^{\varnothing,(1)} \oplus 314V^{(1),\varnothing}$
$k = 12: \quad 15748V^{\varnothing,\varnothing} \oplus 8700V^{\varnothing,(1)} \oplus 148V^{\varnothing,(2)} \oplus 156V^{\varnothing,(1,1)} \oplus 8040V^{(1),\varnothing} \oplus 1493V^{(1),(1)} \oplus 117V^{(2),\varnothing} \oplus 117V^{(1,1),\varnothing}$
$k = 11: \quad 15553V^{\varnothing,\varnothing} \oplus 14718V^{\varnothing,(1)} \oplus 2898V^{\varnothing,(2)} \oplus 3226V^{\varnothing,(1,1)} \oplus 31V^{\varnothing,(3)} \oplus 40V^{\varnothing,(2,1)} \oplus 42V^{\varnothing,(1,1,1)} \oplus 13764V^{(1),\varnothing} \oplus 12488V^{(1),(1)} \oplus 437V^{(1),(2)} \oplus 461V^{(1),(1,1)} \oplus 3046V^{(2),\varnothing} \oplus 461V^{(2),(1)} \oplus 3046V^{(1,1),\varnothing} \oplus 461V^{(1,1),(1)} \oplus 36V^{(3),\varnothing} \oplus 40V^{(2,1),\varnothing} \oplus 30V^{(1,1,1),\varnothing}$
$k = 10: \quad 11210V^{\varnothing,\varnothing} \oplus 13394V^{\varnothing,(1)} \oplus 4566V^{\varnothing,(2)} \oplus 4974V^{\varnothing,(1,1)} \oplus 678V^{\varnothing,(3)} \oplus 1146V^{\varnothing,(2,1)} \oplus 1250V^{\varnothing,(1,1,1)} \oplus 9V^{\varnothing,(3,1)} \oplus 12V^{\varnothing,(2,1,1)} \oplus 12V^{\varnothing,(1,1,1,1)} \oplus 12278V^{(1),\varnothing} \oplus 20570V^{(1),(1)} \oplus 4072V^{(1),(2)} \oplus 4456V^{(1),(1,1)} \oplus 99V^{(1),(3)} \oplus 125V^{(1),(2,1)} \oplus 131V^{(1),(1,1,1)} \oplus 4674V^{(2),\varnothing} \oplus 4456V^{(2),(1)} \oplus 269V^{(2),(2)} \oplus 293V^{(2),(1,1)} \oplus 4674V^{(1,1),\varnothing} \oplus 4456V^{(1,1),(1)} \oplus 269V^{(1,1),(2)} \oplus 293V^{(1,1),(1,1)} \oplus 782V^{(3),\varnothing} \oplus 123V^{(3),(1)} \oplus 1494V^{(2,1),\varnothing} \oplus 133V^{(2,1),(1)} \oplus 722V^{(1,1,1),\varnothing} \oplus 105V^{(1,1,1),(1)} \oplus 12V^{(3,1),\varnothing} \oplus 12V^{(2,2),\varnothing} \oplus 10V^{(2,1,1),\varnothing}$
$k = 9: \quad 4875V^{\varnothing,\varnothing} \oplus 8634V^{\varnothing,(1)} \oplus 3576V^{\varnothing,(2)} \oplus 3736V^{\varnothing,(1,1)} \oplus 928V^{\varnothing,(3)} \oplus 1478V^{\varnothing,(2,1)} \oplus 1578V^{\varnothing,(1,1,1)} \oplus 288V^{\varnothing,(3,1)} \oplus 492V^{\varnothing,(2,1,1)} \oplus 492V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(3,1,1)} \oplus 4V^{\varnothing,(2,1,1,1)} \oplus 3V^{\varnothing,(1,1,1,1,1)} \oplus 7425V^{(1),\varnothing} \oplus 18152V^{(1),(1)} \oplus 6414V^{(1),(2)} \oplus 6846V^{(1),(1,1)} \oplus 1160V^{(1),(3)} \oplus 1560V^{(1),(2,1)} \oplus 1680V^{(1),(1,1,1)} \oplus 27V^{(1),(3,1)} \oplus 35V^{(1),(2,1,1)} \oplus 35V^{(1),(1,1,1,1)} \oplus 3400V^{(2),\varnothing} \oplus 6846V^{(2),(1)} \oplus 1508V^{(2),(2)} \oplus 1676V^{(2),(1,1)} \oplus 75V^{(2),(3)} \oplus 101V^{(2),(2,1)} \oplus 107V^{(2),(1,1,1)} \oplus 3400V^{(1,1),\varnothing} \oplus 6846V^{(1,1),(1)} \oplus 1508V^{(1,1),(2)} \oplus 1676V^{(1,1),(1,1)} \oplus 75V^{(1,1),(3)} \oplus 101V^{(1,1),(2,1)} \oplus 107V^{(1,1),(1,1,1)} \oplus 920V^{(3),\varnothing} \oplus 1352V^{(3),(1)} \oplus 83V^{(3),(2)} \oplus 99V^{(3),(1,1)} \oplus 1920V^{(2,1),\varnothing} \oplus 1888V^{(2,1),(1)} \oplus 91V^{(2,1),(2)} \oplus 109V^{(2,1),(1,1)} \oplus 920V^{(1,1,1),\varnothing} \oplus 1280V^{(1,1,1),(1)} \oplus 71V^{(1,1,1),(2)} \oplus 81V^{(1,1,1),(1,1)} \oplus 468V^{(3,1),\varnothing} \oplus 35V^{(3,1),(1)} \oplus 468V^{(2,2),\varnothing} \oplus 35V^{(2,2),(1)} \oplus 416V^{(2,1,1),\varnothing} \oplus 29V^{(2,1,1),(1)} \oplus 4V^{(3,2),\varnothing} \oplus 3V^{(3,1,1),\varnothing} \oplus 3V^{(2,2,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 3456V^{\varnothing,(1)} \oplus 1776V^{\varnothing,(2)} \oplus 1776V^{\varnothing,(1,1)} \oplus 596V^{\varnothing,(3)} \oplus 856V^{\varnothing,(2,1)} \oplus 856V^{\varnothing,(1,1,1)} \oplus 276V^{\varnothing,(3,1)} \oplus 426V^{\varnothing,(2,1,1)} \oplus 426V^{\varnothing,(1,1,1,1)} \oplus 118V^{\varnothing,(3,1,1)} \oplus 194V^{\varnothing,(2,1,1,1)} \oplus 118V^{\varnothing,(1,1,1,1,1)} \oplus V^{\varnothing,(3,1,1,1)} \oplus V^{\varnothing,(2,1,1,1,1)} \oplus 2430V^{(1),\varnothing} \oplus 12068V^{(1),(1)} \oplus 5136V^{(1),(2)} \oplus 5280V^{(1),(1,1)} \oplus 1758V^{(1),(3)} \oplus 2166V^{(1),(2,1)} \oplus 2274V^{(1),(1,1,1)} \oplus 468V^{(1),(3,1)} \oplus 632V^{(1),(2,1,1)} \oplus 632V^{(1),(1,1,1,1)} \oplus 9V^{(1),(3,1,1)} \oplus 11V^{(1),(2,1,1,1)} \oplus 9V^{(1),(1,1,1,1,1)} \oplus 1461V^{(2),\varnothing} \oplus 5280V^{(2),(1)} \oplus 2186V^{(2),(2)} \oplus 2330V^{(2),(1,1)} \oplus 424V^{(2),(3)} \oplus 588V^{(2),(2,1)} \oplus 636V^{(2),(1,1,1)} \oplus 27V^{(2),(3,1)} \oplus 35V^{(2),(2,1,1)} \oplus 35V^{(2),(1,1,1,1)} \oplus 1461V^{(1,1),\varnothing} \oplus 5280V^{(1,1),(1)} \oplus 2186V^{(1,1),(2)} \oplus 2330V^{(1,1),(1,1)} \oplus 424V^{(1,1),(3)} \oplus 588V^{(1,1),(2,1)} \oplus 636V^{(1,1),(1,1,1)} \oplus 27V^{(1,1),(3,1)} \oplus 35V^{(1,1),(2,1,1)} \oplus 35V^{(1,1),(1,1,1,1)} \oplus 500V^{(3),\varnothing} \oplus 1866V^{(3),(1)} \oplus 452V^{(3),(2)} \oplus 508V^{(3),(1,1)} \oplus 42V^{(3),(3)} \oplus 59V^{(3),(2,1)} \oplus 63V^{(3),(1,1,1)} \oplus 1020V^{(2,1),\varnothing} \oplus 2574V^{(2,1),(1)} \oplus 644V^{(2,1),(2)} \oplus 716V^{(2,1),(1,1)} \oplus 46V^{(2,1),(3)} \oplus 67V^{(2,1),(2,1)} \oplus 73V^{(2,1),(1,1,1)} \oplus 500V^{(1,1,1),\varnothing} \oplus 1866V^{(1,1,1),(1)} \oplus 428V^{(1,1,1),(2)} \oplus 472V^{(1,1,1),(1,1)} \oplus 36V^{(1,1,1),(3)} \oplus 47V^{(1,1,1),(2,1)} \oplus 51V^{(1,1,1),(1,1,1)} \oplus 390V^{(3,1),\varnothing} \oplus 632V^{(3,1),(1)} \oplus 25V^{(3,1),(2)} \oplus 35V^{(3,1),(1,1)} \oplus 390V^{(2,2),\varnothing} \oplus 632V^{(2,2),(1)} \oplus 25V^{(2,2),(2)} \oplus 35V^{(2,2),(1,1)} \oplus 390V^{(2,1,1),\varnothing} \oplus 572V^{(2,1,1),(1)} \oplus 21V^{(2,1,1),(2)} \oplus 29V^{(2,1,1),(1,1)} \oplus 182V^{(3,2),\varnothing} \oplus 11V^{(3,2),(1)} \oplus 106V^{(3,1,1),\varnothing} \oplus 9V^{(3,1,1),(1)} \oplus 106V^{(2,2,1),\varnothing} \oplus 9V^{(2,2,1),(1)} \oplus V^{(3,3),\varnothing} \oplus V^{(3,2,1),\varnothing}$
$k = 7: \quad 441V^{\varnothing,(1)} \oplus 336V^{\varnothing,(2)} \oplus 336V^{\varnothing,(1,1)} \oplus 168V^{\varnothing,(3)} \oplus 168V^{\varnothing,(2,1)} \oplus 168V^{\varnothing,(1,1,1)} \oplus 84V^{\varnothing,(3,1)} \oplus 84V^{\varnothing,(2,1,1)} \oplus 84V^{\varnothing,(1,1,1,1)} \oplus 42V^{\varnothing,(3,1,1)} \oplus 42V^{\varnothing,(2,1,1,1)} \oplus 42V^{\varnothing,(1,1,1,1,1)} \oplus 21V^{\varnothing,(3,1,1,1)} \oplus 21V^{\varnothing,(2,1,1,1,1)} \oplus 225V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1200V^{(1),(3)} \oplus 1360V^{(1),(2,1)} \oplus 1360V^{(1),(1,1,1)} \oplus 550V^{(1),(3,1)} \oplus 650V^{(1),(2,1,1)} \oplus 650V^{(1),(1,1,1,1)} \oplus 204V^{(1),(3,1,1)} \oplus 256V^{(1),(2,1,1,1)} \oplus 204V^{(1),(1,1,1,1,1)} \oplus 3V^{(1),(3,1,1,1)} \oplus 3V^{(1),(2,1,1,1,1)} \oplus 165V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1544V^{(2),(2)} \oplus 1580V^{(2),(1,1)} \oplus 594V^{(2),(3)} \oplus 738V^{(2),(2,1)} \oplus 774V^{(2),(1,1,1)} \oplus 168V^{(2),(3,1)} \oplus 232V^{(2),(2,1,1)} \oplus 232V^{(2),(1,1,1,1)} \oplus 9V^{(2),(3,1,1)} \oplus 11V^{(2),(2,1,1,1)} \oplus 9V^{(2),(1,1,1,1,1)} \oplus 165V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1544V^{(1,1),(2)} \oplus$

Table 117: Table for $\lambda = (3,3,1)$, $\mu = (2,2,2,1)$:

$k = 14: \quad 46V^{\varnothing,\varnothing}$
$k = 13: \quad 8230V^{\varnothing,\varnothing} \oplus 521V^{\varnothing,(1)} \oplus 253V^{(1),\varnothing}$
$k = 12: \quad 15432V^{\varnothing,\varnothing} \oplus 8004V^{\varnothing,(1)} \oplus 147V^{\varnothing,(2)} \oplus 150V^{\varnothing,(1,1)} \oplus 7676V^{(1),\varnothing} \oplus 1415V^{(1),(1)} \oplus 92V^{(2),\varnothing} \oplus 92V^{(1,1),\varnothing}$
$k = 11: \quad 15070V^{\varnothing,\varnothing} \oplus 13686V^{\varnothing,(1)} \oplus 2138V^{\varnothing,(2)} \oplus 3106V^{\varnothing,(1,1)} \oplus 40V^{\varnothing,(2,1)} \oplus 40V^{\varnothing,(1,1,1)} \oplus 13362V^{(1),\varnothing} \oplus 11600V^{(1),(1)} \oplus 435V^{(1),(2)} \oplus 443V^{(1),(1,1)} \oplus 2920V^{(2),\varnothing} \oplus 407V^{(2),(1)} \oplus 2920V^{(1,1),\varnothing} \oplus 407V^{(1,1),(1)} \oplus 29V^{(3),\varnothing} \oplus 33V^{(2,1),\varnothing} \oplus 24V^{(1,1,1),\varnothing}$
$k = 10: \quad 11144V^{\varnothing,\varnothing} \oplus 12754V^{\varnothing,(1)} \oplus 3216V^{\varnothing,(2)} \oplus 4866V^{\varnothing,(1,1)} \oplus 1146V^{\varnothing,(2,1)} \oplus 1146V^{\varnothing,(1,1,1)} \oplus 11V^{\varnothing,(2,2)} \oplus 12V^{\varnothing,(2,1,1)} \oplus 9V^{\varnothing,(1,1,1,1)} \oplus 11236V^{(1),\varnothing} \oplus 19454V^{(1),(1)} \oplus 3552V^{(1),(2)} \oplus 4312V^{(1),(1,1)} \oplus 125V^{(1),(2,1)} \oplus 125V^{(1),(1,1,1)} \oplus 4570V^{(2),\varnothing} \oplus 4120V^{(2),(1)} \oplus 267V^{(2),(2)} \oplus 275V^{(2),(1,1)} \oplus 4570V^{(1,1),\varnothing} \oplus 4120V^{(1,1),(1)} \oplus 267V^{(1,1),(2)} \oplus 275V^{(1,1),(1,1)} \oplus 752V^{(3),\varnothing} \oplus 95V^{(3),(1)} \oplus 1464V^{(2,1),\varnothing} \oplus 103V^{(2,1),(1)} \oplus 702V^{(1,1,1),\varnothing} \oplus 77V^{(1,1,1),(1)} \oplus 11V^{(3,1),\varnothing} \oplus 11V^{(2,2),\varnothing} \oplus 9V^{(2,1,1),\varnothing}$
$k = 9: \quad 4854V^{\varnothing,\varnothing} \oplus 8394V^{\varnothing,(1)} \oplus 2536V^{\varnothing,(2)} \oplus 3736V^{\varnothing,(1,1)} \oplus 1478V^{\varnothing,(2,1)} \oplus 1478V^{\varnothing,(1,1,1)} \oplus 340V^{\varnothing,(2,2)} \oplus 492V^{\varnothing,(2,1,1)} \oplus 288V^{\varnothing,(1,1,1,1)} \oplus 4V^{\varnothing,(2,2,1)} \oplus 3V^{\varnothing,(2,1,1,1)} \oplus 7136V^{(1),\varnothing} \oplus 17576V^{(1),(1)} \oplus 5514V^{(1),(2)} \oplus 6738V^{(1),(1,1)} \oplus 1560V^{(1),(2,1)} \oplus 1560V^{(1),(1,1,1)} \oplus 33V^{(1),(2,2)} \oplus 35V^{(1),(2,1,1)} \oplus 27V^{(1),(1,1,1,1)} \oplus 3120V^{(2),\varnothing} \oplus 6522V^{(2),(1)} \oplus 1308V^{(2),(2)} \oplus 1604V^{(2),(1,1)} \oplus 101V^{(2),(2,1)} \oplus 101V^{(2),(1,1,1)} \oplus 3120V^{(1,1),\varnothing} \oplus 6522V^{(1,1),(1)} \oplus 1308V^{(1,1),(2)} \oplus 1604V^{(1,1),(1,1)} \oplus 101V^{(1,1),(2,1)} \oplus 101V^{(1,1),(1,1,1)} \oplus 902V^{(3),\varnothing} \oplus 1272V^{(3),(1)} \oplus 82V^{(3),(2)} \oplus 87V^{(3),(1,1)} \oplus 1902V^{(2,1),\varnothing} \oplus 1768V^{(2,1),(1)} \oplus 88V^{(2,1),(2)} \oplus 97V^{(2,1),(1,1)} \oplus 902V^{(1,1,1),\varnothing} \oplus 1200V^{(1,1,1),(1)} \oplus 70V^{(1,1,1),(2)} \oplus 75V^{(1,1,1),(1,1)} \oplus 464V^{(3,1),\varnothing} \oplus 31V^{(3,1),(1)} \oplus 464V^{(2,2),\varnothing} \oplus 31V^{(2,2),(1)} \oplus 412V^{(2,1,1),\varnothing} \oplus 27V^{(2,1,1),(1)} \oplus 4V^{(3,2),\varnothing} \oplus 3V^{(3,1,1),\varnothing} \oplus 3V^{(2,2,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 3456V^{\varnothing,(1)} \oplus 1308V^{\varnothing,(2)} \oplus 1776V^{\varnothing,(1,1)} \oplus 856V^{\varnothing,(2,1)} \oplus 856V^{\varnothing,(1,1,1)} \oplus 276V^{\varnothing,(2,2)} \oplus 426V^{\varnothing,(2,1,1)} \oplus 276V^{\varnothing,(1,1,1,1)} \oplus 194V^{\varnothing,(2,2,1)} \oplus 118V^{\varnothing,(2,1,1,1)} \oplus V^{\varnothing,(2,2,2)} \oplus V^{\varnothing,(2,2,1,1)} \oplus 2196V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 4496V^{(1),(2)} \oplus 5280V^{(1),(1,1)} \oplus 2166V^{(1),(2,1)} \oplus 2166V^{(1),(1,1,1)} \oplus 528V^{(1),(2,2)} \oplus 632V^{(1),(2,1,1)} \oplus 468V^{(1),(1,1,1,1)} \oplus 11V^{(1),(2,2,1)} \oplus 9V^{(1),(2,1,1,1)} \oplus 1356V^{(2),\varnothing} \oplus 5136V^{(2),(1)} \oplus 1862V^{(2),(2)} \oplus 2294V^{(2),(1,1)} \oplus 588V^{(2),(2,1)} \oplus 588V^{(2),(1,1,1)} \oplus 33V^{(2),(2,2)} \oplus 35V^{(2),(2,1,1)} \oplus 27V^{(2),(1,1,1,1)} \oplus 1356V^{(1,1),\varnothing} \oplus 5136V^{(1,1),(1)} \oplus 1862V^{(1,1),(2)} \oplus 2294V^{(1,1),(1,1)} \oplus 588V^{(1,1),(2,1)} \oplus 588V^{(1,1),(1,1,1)} \oplus 33V^{(1,1),(2,2)} \oplus 35V^{(1,1),(2,1,1)} \oplus 27V^{(1,1),(1,1,1,1)} \oplus 428V^{(3),\varnothing} \oplus 1794V^{(3),(1)} \oplus 412V^{(3),(2)} \oplus 484V^{(3),(1,1)} \oplus 59V^{(3),(2,1)} \oplus 59V^{(3),(1,1,1)} \oplus 948V^{(2,1),\varnothing} \oplus 2466V^{(2,1),(1)} \oplus 524V^{(2,1),(2)} \oplus 692V^{(2,1),(1,1)} \oplus 67V^{(2,1),(2,1)} \oplus 67V^{(2,1),(1,1,1)} \oplus 428V^{(1,1,1),\varnothing} \oplus 1794V^{(1,1,1),(1)} \oplus 388V^{(1,1,1),(2)} \oplus 460V^{(1,1,1),(1,1)} \oplus 47V^{(1,1,1),(2,1)} \oplus 47V^{(1,1,1),(1,1,1)} \oplus 384V^{(3,1),\varnothing} \oplus 592V^{(3,1),(1)} \oplus 23V^{(3,1),(2)} \oplus 29V^{(3,1),(1,1)} \oplus 384V^{(2,2),\varnothing} \oplus 592V^{(2,2),(1)} \oplus 23V^{(2,2),(2)} \oplus 29V^{(2,2),(1,1)} \oplus 384V^{(2,1,1),\varnothing} \oplus 552V^{(2,1,1),(1)} \oplus 19V^{(2,1,1),(2)} \oplus 23V^{(2,1,1),(1,1)} \oplus 180V^{(3,2),\varnothing} \oplus 9V^{(3,2),(1)} \oplus 104V^{(3,1,1),\varnothing} \oplus 7V^{(3,1,1),(1)} \oplus 104V^{(2,2,1),\varnothing} \oplus 7V^{(2,2,1),(1)} \oplus V^{(3,3),\varnothing} \oplus V^{(3,2,1),\varnothing}$
$k = 7: \quad 441V^{\varnothing,(1)} \oplus 336V^{\varnothing,(2)} \oplus 336V^{\varnothing,(1,1)} \oplus 168V^{\varnothing,(2,1)} \oplus 168V^{\varnothing,(1,1,1)} \oplus 84V^{\varnothing,(2,2)} \oplus 84V^{\varnothing,(2,1,1)} \oplus 84V^{\varnothing,(1,1,1,1)} \oplus 42V^{\varnothing,(2,2,1)} \oplus 42V^{\varnothing,(2,1,1,1)} \oplus 21V^{\varnothing,(2,2,2)} \oplus 21V^{\varnothing,(2,2,1,1)} \oplus 196V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2580V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1360V^{(1),(2,1)} \oplus 1360V^{(1),(1,1,1)} \oplus 550V^{(1),(2,2)} \oplus 650V^{(1),(2,1,1)} \oplus 550V^{(1),(1,1,1,1)} \oplus 256V^{(1),(2,2,1)} \oplus 204V^{(1),(2,1,1,1)} \oplus 3V^{(1),(2,2,2)} \oplus 3V^{(1),(2,2,1,1)} \oplus 126V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1352V^{(2),(2)} \oplus 1580V^{(2),(1,1)} \oplus 738V^{(2),(2,1)} \oplus 738V^{(2),(1,1,1)} \oplus 192V^{(2),(2,2)} \oplus 232V^{(2),(2,1,1)} \oplus 168V^{(2),(1,1,1,1)} \oplus 11V^{(2),(2,2,1)} \oplus 9V^{(2),(2,1,1,1)} \oplus 126V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1352V^{(1,1),(2)} \oplus 1580V^{(1,1),(1,1)} \oplus 738V^{(1,1),(2,1)} \oplus 738V^{(1,1),(1,1,1)} \oplus 192V^{(1,1),(2,2)} \oplus 232V^{(1,1),(2,1,1)} \oplus 168V^{(1,1),(1,1,1,1)} \oplus 11V^{(1,1),(2,2,1)} \oplus 9V^{(1,1),(2,1,1,1)} \oplus 84V^{(3),\varnothing} \oplus 1200V^{(3),(1)} \oplus 552V^{(3),(2)} \oplus 630V^{(3),(1,1)} \oplus 188V^{(3),(2,1)} \oplus 188V^{(3),(1,1,1)} \oplus 22V^{(3),(2,2)} \oplus$

Table 118: Table for $\lambda = (3,3,1)$, $\mu = (2,2,1,1,1)$:

$k = 14: \quad 46V^{\varnothing,\varnothing}$
$k = 13: \quad 8230V^{\varnothing,\varnothing} \oplus 543V^{\varnothing,(1)} \oplus 255V^{(1),\varnothing}$
$k = 12: \quad 15432V^{\varnothing,\varnothing} \oplus 8180V^{\varnothing,(1)} \oplus 147V^{\varnothing,(2)} \oplus 156V^{\varnothing,(1,1)} \oplus 7680V^{(1),\varnothing} \oplus 1487V^{(1),(1)} \oplus 93V^{(2),\varnothing} \oplus 93V^{(1,1),\varnothing}$
$k = 11: \quad 15070V^{\varnothing,\varnothing} \oplus 13818V^{\varnothing,(1)} \oplus 2138V^{\varnothing,(2)} \oplus 3226V^{\varnothing,(1,1)} \oplus 40V^{\varnothing,(2,1)} \oplus 42V^{\varnothing,(1,1,1)} \oplus 13362V^{(1),\varnothing} \oplus 11888V^{(1),(1)} \oplus 435V^{(1),(2)} \oplus 461V^{(1),(1,1)} \oplus 2920V^{(2),\varnothing} \oplus 455V^{(2),(1)} \oplus 2920V^{(1,1),\varnothing} \oplus 455V^{(1,1),(1)} \oplus 29V^{(3),\varnothing} \oplus 33V^{(2,1),\varnothing} \oplus 24V^{(1,1,1),\varnothing}$
$k = 10: \quad 11144V^{\varnothing,\varnothing} \oplus 12754V^{\varnothing,(1)} \oplus 3216V^{\varnothing,(2)} \oplus 4974V^{\varnothing,(1,1)} \oplus 1146V^{\varnothing,(2,1)} \oplus 1250V^{\varnothing,(1,1,1)} \oplus 9V^{\varnothing,(2,2)} \oplus 12V^{\varnothing,(2,1,1)} \oplus 12V^{\varnothing,(1,1,1,1)} \oplus 11236V^{(1),\varnothing} \oplus 19598V^{(1),(1)} \oplus 3552V^{(1),(2)} \oplus 4456V^{(1),(1,1)} \oplus 125V^{(1),(2,1)} \oplus 131V^{(1),(1,1,1)} \oplus 4570V^{(2),\varnothing} \oplus 4216V^{(2),(1)} \oplus 267V^{(2),(2)} \oplus 293V^{(2),(1,1)} \oplus 4570V^{(1,1),\varnothing} \oplus 4216V^{(1,1),(1)} \oplus 267V^{(1,1),(2)} \oplus 293V^{(1,1),(1,1)} \oplus 752V^{(3),\varnothing} \oplus 119V^{(3),(1)} \oplus 1464V^{(2,1),\varnothing} \oplus 127V^{(2,1),(1)} \oplus 702V^{(1,1,1),\varnothing} \oplus 101V^{(1,1,1),(1)} \oplus 11V^{(3,1),\varnothing} \oplus 11V^{(2,2),\varnothing} \oplus 9V^{(2,1,1),\varnothing}$
$k = 9: \quad 4854V^{\varnothing,\varnothing} \oplus 8394V^{\varnothing,(1)} \oplus 2536V^{\varnothing,(2)} \oplus 3736V^{\varnothing,(1,1)} \oplus 1478V^{\varnothing,(2,1)} \oplus 1578V^{\varnothing,(1,1,1)} \oplus 288V^{\varnothing,(2,2)} \oplus 492V^{\varnothing,(2,1,1)} \oplus 492V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(2,2,1)} \oplus 4V^{\varnothing,(2,1,1,1)} \oplus 3V^{\varnothing,(1,1,1,1,1)} \oplus 7136V^{(1),\varnothing} \oplus 17576V^{(1),(1)} \oplus 5514V^{(1),(2)} \oplus 6846V^{(1),(1,1)} \oplus 1560V^{(1),(2,1)} \oplus 1680V^{(1),(1,1,1)} \oplus 27V^{(1),(2,2)} \oplus 35V^{(1),(2,1,1)} \oplus 35V^{(1),(1,1,1,1)} \oplus 3120V^{(2),\varnothing} \oplus 6522V^{(2),(1)} \oplus 1308V^{(2),(2)} \oplus 1676V^{(2),(1,1)} \oplus 101V^{(2),(2,1)} \oplus 107V^{(2),(1,1,1)} \oplus 3120V^{(1,1),\varnothing} \oplus 6522V^{(1,1),(1)} \oplus 1308V^{(1,1),(2)} \oplus 1676V^{(1,1),(1,1)} \oplus 101V^{(1,1),(2,1)} \oplus 107V^{(1,1),(1,1,1)} \oplus 902V^{(3),\varnothing} \oplus 1272V^{(3),(1)} \oplus 82V^{(3),(2)} \oplus 99V^{(3),(1,1)} \oplus 1902V^{(2,1),\varnothing} \oplus 1768V^{(2,1),(1)} \oplus 88V^{(2,1),(2)} \oplus 109V^{(2,1),(1,1)} \oplus 902V^{(1,1,1),\varnothing} \oplus 1200V^{(1,1,1),(1)} \oplus 70V^{(1,1,1),(2)} \oplus 81V^{(1,1,1),(1,1)} \oplus 464V^{(3,1),\varnothing} \oplus 31V^{(3,1),(1)} \oplus 464V^{(2,2),\varnothing} \oplus 31V^{(2,2),(1)} \oplus 412V^{(2,1,1),\varnothing} \oplus 27V^{(2,1,1),(1)} \oplus 4V^{(3,2),\varnothing} \oplus 3V^{(3,1,1),\varnothing} \oplus 3V^{(2,2,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 3456V^{\varnothing,(1)} \oplus 1308V^{\varnothing,(2)} \oplus 1776V^{\varnothing,(1,1)} \oplus 856V^{\varnothing,(2,1)} \oplus 856V^{\varnothing,(1,1,1)} \oplus 276V^{\varnothing,(2,2)} \oplus 426V^{\varnothing,(2,1,1)} \oplus 426V^{\varnothing,(1,1,1,1)} \oplus 118V^{\varnothing,(2,2,1)} \oplus 194V^{\varnothing,(2,1,1,1)} \oplus 118V^{\varnothing,(1,1,1,1,1)} \oplus V^{\varnothing,(2,2,1,1)} \oplus V^{\varnothing,(2,1,1,1,1)} \oplus 2280V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 4496V^{(1),(2)} \oplus 5280V^{(1),(1,1)} \oplus 2166V^{(1),(2,1)} \oplus 2274V^{(1),(1,1,1)} \oplus 468V^{(1),(2,2)} \oplus 632V^{(1),(2,1,1)} \oplus 632V^{(1),(1,1,1,1)} \oplus 9V^{(1),(2,2,1)} \oplus 11V^{(1),(2,1,1,1)} \oplus 9V^{(1),(1,1,1,1,1)} \oplus 1356V^{(2),\varnothing} \oplus 5136V^{(2),(1)} \oplus 1862V^{(2),(2)} \oplus 2330V^{(2),(1,1)} \oplus 588V^{(2),(2,1)} \oplus 636V^{(2),(1,1,1)} \oplus 27V^{(2),(2,2)} \oplus 35V^{(2),(2,1,1)} \oplus 35V^{(2),(1,1,1,1)} \oplus 1356V^{(1,1),\varnothing} \oplus 5136V^{(1,1),(1)} \oplus 1862V^{(1,1),(2)} \oplus 2330V^{(1,1),(1,1)} \oplus 588V^{(1,1),(2,1)} \oplus 636V^{(1,1),(1,1,1)} \oplus 27V^{(1,1),(2,2)} \oplus 35V^{(1,1),(2,1,1)} \oplus 35V^{(1,1),(1,1,1,1)} \oplus 428V^{(3),\varnothing} \oplus 1794V^{(3),(1)} \oplus 412V^{(3),(2)} \oplus 508V^{(3),(1,1)} \oplus 59V^{(3),(2,1)} \oplus 63V^{(3),(1,1,1)} \oplus 948V^{(2,1),\varnothing} \oplus 2466V^{(2,1),(1)} \oplus 524V^{(2,1),(2)} \oplus 716V^{(2,1),(1,1)} \oplus 67V^{(2,1),(2,1)} \oplus 73V^{(2,1),(1,1,1)} \oplus 428V^{(1,1,1),\varnothing} \oplus 1794V^{(1,1,1),(1)} \oplus 388V^{(1,1,1),(2)} \oplus 472V^{(1,1,1),(1,1)} \oplus 47V^{(1,1,1),(2,1)} \oplus 51V^{(1,1,1),(1,1,1)} \oplus 384V^{(3,1),\varnothing} \oplus 592V^{(3,1),(1)} \oplus 23V^{(3,1),(2)} \oplus 35V^{(3,1),(1,1)} \oplus 384V^{(2,2),\varnothing} \oplus 592V^{(2,2),(1)} \oplus 23V^{(2,2),(2)} \oplus 35V^{(2,2),(1,1)} \oplus 384V^{(2,1,1),\varnothing} \oplus 552V^{(2,1,1),(1)} \oplus 19V^{(2,1,1),(2)} \oplus 29V^{(2,1,1),(1,1)} \oplus 180V^{(3,2),\varnothing} \oplus 9V^{(3,2),(1)} \oplus 104V^{(3,1,1),\varnothing} \oplus 7V^{(3,1,1),(1)} \oplus 104V^{(2,2,1),\varnothing} \oplus 7V^{(2,2,1),(1)} \oplus V^{(3,3),\varnothing} \oplus V^{(3,2,1),\varnothing}$
$k = 7: \quad 441V^{\varnothing,(1)} \oplus 336V^{\varnothing,(2)} \oplus 336V^{\varnothing,(1,1)} \oplus 168V^{\varnothing,(2,1)} \oplus 168V^{\varnothing,(1,1,1)} \oplus 84V^{\varnothing,(2,2)} \oplus 84V^{\varnothing,(2,1,1)} \oplus 84V^{\varnothing,(1,1,1,1)} \oplus 42V^{\varnothing,(2,2,1)} \oplus 42V^{\varnothing,(2,1,1,1)} \oplus 42V^{\varnothing,(1,1,1,1,1)} \oplus 21V^{\varnothing,(2,2,1,1)} \oplus 21V^{\varnothing,(2,1,1,1,1)} \oplus 196V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2580V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1360V^{(1),(2,1)} \oplus 1360V^{(1),(1,1,1)} \oplus 550V^{(1),(2,2)} \oplus 650V^{(1),(2,1,1)} \oplus 650V^{(1),(1,1,1,1)} \oplus 204V^{(1),(2,2,1)} \oplus 256V^{(1),(2,1,1,1)} \oplus 204V^{(1),(1,1,1,1,1)} \oplus 3V^{(1),(2,2,1,1)} \oplus 3V^{(1),(2,1,1,1,1)} \oplus 140V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1352V^{(2),(2)} \oplus 1580V^{(2),(1,1)} \oplus 738V^{(2),(2,1)} \oplus 774V^{(2),(1,1,1)} \oplus 168V^{(2),(2,2)} \oplus 232V^{(2),(2,1,1)} \oplus 232V^{(2),(1,1,1,1)} \oplus 9V^{(2),(2,2,1)} \oplus 11V^{(2),(2,1,1,1)} \oplus 9V^{(2),(1,1,1,1,1)} \oplus 140V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1352V^{(1,1),(2)} \oplus 1580V^{(1,1),(1,1)} \oplus 738V^{(1,1),(2,1)} \oplus 774V^{(1,1),(1,1,1)} \oplus 168V^{(1,1),(2,2)} \oplus 232V^{(1,1),(2,1,1)} \oplus 232V^{(1,1),(1,1,1,1)} \oplus$

Table 119: Table for $\lambda = (3,3,1)$, $\mu = (2,1,1,1,1,1)$:

$k = 14: \quad 17V^{\varnothing,\varnothing}$
$k = 13: \quad 7898V^{\varnothing,\varnothing} \oplus 515V^{\varnothing,(1)} \oplus 113V^{(1),\varnothing}$
$k = 12: \quad 14974V^{\varnothing,\varnothing} \oplus 7764V^{\varnothing,(1)} \oplus 117V^{\varnothing,(2)} \oplus 148V^{\varnothing,(1,1)} \oplus 6876V^{(1),\varnothing} \oplus 1397V^{(1),(1)} \oplus 60V^{(2),\varnothing} \oplus 60V^{(1,1),\varnothing}$
$k = 11: \quad 14710V^{\varnothing,\varnothing} \oplus 13362V^{\varnothing,(1)} \oplus 1722V^{\varnothing,(2)} \oplus 2898V^{\varnothing,(1,1)} \oplus 31V^{\varnothing,(2,1)} \oplus 40V^{\varnothing,(1,1,1)} \oplus 12090V^{(1),\varnothing} \oplus 11312V^{(1),(1)} \oplus 339V^{(1),(2)} \oplus 437V^{(1),(1,1)} \oplus 2680V^{(2),\varnothing} \oplus 389V^{(2),(1)} \oplus 2680V^{(1,1),\varnothing} \oplus 389V^{(1,1),(1)} \oplus 25V^{(3),\varnothing} \oplus 29V^{(2,1),\varnothing} \oplus 20V^{(1,1,1),\varnothing}$
$k = 10: \quad 10682V^{\varnothing,\varnothing} \oplus 12610V^{\varnothing,(1)} \oplus 2808V^{\varnothing,(2)} \oplus 4566V^{\varnothing,(1,1)} \oplus 678V^{\varnothing,(2,1)} \oplus 1146V^{\varnothing,(1,1,1)} \oplus 9V^{\varnothing,(2,1,1)} \oplus 12V^{\varnothing,(1,1,1,1)} \oplus 10196V^{(1),\varnothing} \oplus 19130V^{(1),(1)} \oplus 3024V^{(1),(2)} \oplus 4072V^{(1),(1,1)} \oplus 99V^{(1),(2,1)} \oplus 125V^{(1),(1,1,1)} \oplus 4170V^{(2),\varnothing} \oplus 3976V^{(2),(1)} \oplus 195V^{(2),(2)} \oplus 269V^{(2),(1,1)} \oplus 4170V^{(1,1),\varnothing} \oplus 3976V^{(1,1),(1)} \oplus 195V^{(1,1),(2)} \oplus 269V^{(1,1),(1,1)} \oplus 672V^{(3),\varnothing} \oplus 83V^{(3),(1)} \oplus 1384V^{(2,1),\varnothing} \oplus 91V^{(2,1),(1)} \oplus 622V^{(1,1,1),\varnothing} \oplus 71V^{(1,1,1),(1)} \oplus 11V^{(3,1),\varnothing} \oplus 11V^{(2,2),\varnothing} \oplus 9V^{(2,1,1),\varnothing}$
$k = 9: \quad 4560V^{\varnothing,\varnothing} \oplus 8394V^{\varnothing,(1)} \oplus 2376V^{\varnothing,(2)} \oplus 3576V^{\varnothing,(1,1)} \oplus 928V^{\varnothing,(2,1)} \oplus 1478V^{\varnothing,(1,1,1)} \oplus 288V^{\varnothing,(2,1,1)} \oplus 492V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(2,1,1,1)} \oplus 4V^{\varnothing,(1,1,1,1,1)} \oplus 5880V^{(1),\varnothing} \oplus 17468V^{(1),(1)} \oplus 5082V^{(1),(2)} \oplus 6414V^{(1),(1,1)} \oplus 1160V^{(1),(2,1)} \oplus 1560V^{(1),(1,1,1)} \oplus 27V^{(1),(2,1,1)} \oplus 35V^{(1),(1,1,1,1)} \oplus 2800V^{(2),\varnothing} \oplus 6414V^{(2),(1)} \oplus 1092V^{(2),(2)} \oplus 1508V^{(2),(1,1)} \oplus 75V^{(2),(2,1)} \oplus 101V^{(2),(1,1,1)} \oplus 2800V^{(1,1),\varnothing} \oplus 6414V^{(1,1),(1)} \oplus 1092V^{(1,1),(2)} \oplus 1508V^{(1,1),(1,1)} \oplus 75V^{(1,1),(2,1)} \oplus 101V^{(1,1),(1,1,1)} \oplus 758V^{(3),\varnothing} \oplus 1224V^{(3),(1)} \oplus 42V^{(3),(2)} \oplus 83V^{(3),(1,1)} \oplus 1758V^{(2,1),\varnothing} \oplus 1720V^{(2,1),(1)} \oplus 46V^{(2,1),(2)} \oplus 91V^{(2,1),(1,1)} \oplus 758V^{(1,1,1),\varnothing} \oplus 1176V^{(1,1,1),(1)} \oplus 36V^{(1,1,1),(2)} \oplus 71V^{(1,1,1),(1,1)} \oplus 432V^{(3,1),\varnothing} \oplus 25V^{(3,1),(1)} \oplus 432V^{(2,2),\varnothing} \oplus 25V^{(2,2),(1)} \oplus 380V^{(2,1,1),\varnothing} \oplus 21V^{(2,1,1),(1)} \oplus 4V^{(3,2),\varnothing} \oplus 3V^{(3,1,1),\varnothing} \oplus 3V^{(2,2,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 3456V^{\varnothing,(1)} \oplus 1308V^{\varnothing,(2)} \oplus 1776V^{\varnothing,(1,1)} \oplus 596V^{\varnothing,(2,1)} \oplus 856V^{\varnothing,(1,1,1)} \oplus 276V^{\varnothing,(2,1,1)} \oplus 426V^{\varnothing,(1,1,1,1)} \oplus 118V^{\varnothing,(2,1,1,1)} \oplus 194V^{\varnothing,(1,1,1,1,1)} \oplus V^{\varnothing,(2,1,1,1,1)} \oplus V^{\varnothing,(1,1,1,1,1,1)} \oplus 1620V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 4352V^{(1),(2)} \oplus 5136V^{(1),(1,1)} \oplus 1758V^{(1),(2,1)} \oplus 2166V^{(1),(1,1,1)} \oplus 468V^{(1),(2,1,1)} \oplus 632V^{(1),(1,1,1,1)} \oplus 9V^{(1),(2,1,1,1)} \oplus 11V^{(1),(1,1,1,1,1)} \oplus 1056V^{(2),\varnothing} \oplus 5136V^{(2),(1)} \oplus 1718V^{(2),(2)} \oplus 2186V^{(2),(1,1)} \oplus 424V^{(2),(2,1)} \oplus 588V^{(2),(1,1,1)} \oplus 27V^{(2),(2,1,1)} \oplus 35V^{(2),(1,1,1,1)} \oplus 1056V^{(1,1),\varnothing} \oplus 5136V^{(1,1),(1)} \oplus 1718V^{(1,1),(2)} \oplus 2186V^{(1,1),(1,1)} \oplus 424V^{(1,1),(2,1)} \oplus 588V^{(1,1),(1,1,1)} \oplus 27V^{(1,1),(2,1,1)} \oplus 35V^{(1,1),(1,1,1,1)} \oplus 332V^{(3),\varnothing} \oplus 1794V^{(3),(1)} \oplus 356V^{(3),(2)} \oplus 452V^{(3),(1,1)} \oplus 42V^{(3),(2,1)} \oplus 59V^{(3),(1,1,1)} \oplus 852V^{(2,1),\varnothing} \oplus 2466V^{(2,1),(1)} \oplus 452V^{(2,1),(2)} \oplus 644V^{(2,1),(1,1)} \oplus 46V^{(2,1),(2,1)} \oplus 67V^{(2,1),(1,1,1)} \oplus 332V^{(1,1,1),\varnothing} \oplus 1794V^{(1,1,1),(1)} \oplus 344V^{(1,1,1),(2)} \oplus 428V^{(1,1,1),(1,1)} \oplus 36V^{(1,1,1),(2,1)} \oplus 47V^{(1,1,1),(1,1,1)} \oplus 336V^{(3,1),\varnothing} \oplus 592V^{(3,1),(1)} \oplus 13V^{(3,1),(2)} \oplus 25V^{(3,1),(1,1)} \oplus 336V^{(2,2),\varnothing} \oplus 592V^{(2,2),(1)} \oplus 13V^{(2,2),(2)} \oplus 25V^{(2,2),(1,1)} \oplus 336V^{(2,1,1),\varnothing} \oplus 552V^{(2,1,1),(1)} \oplus 11V^{(2,1,1),(2)} \oplus 21V^{(2,1,1),(1,1)} \oplus 164V^{(3,2),\varnothing} \oplus 9V^{(3,2),(1)} \oplus 88V^{(3,1,1),\varnothing} \oplus 7V^{(3,1,1),(1)} \oplus 88V^{(2,2,1),\varnothing} \oplus 7V^{(2,2,1),(1)} \oplus V^{(3,3),\varnothing} \oplus V^{(3,2,1),\varnothing}$
$k = 7: \quad 441V^{\varnothing,(1)} \oplus 336V^{\varnothing,(2)} \oplus 336V^{\varnothing,(1,1)} \oplus 168V^{\varnothing,(2,1)} \oplus 168V^{\varnothing,(1,1,1)} \oplus 84V^{\varnothing,(2,1,1)} \oplus 84V^{\varnothing,(1,1,1,1)} \oplus 42V^{\varnothing,(2,1,1,1)} \oplus 42V^{\varnothing,(1,1,1,1,1)} \oplus 21V^{\varnothing,(2,1,1,1,1)} \oplus 21V^{\varnothing,(1,1,1,1,1,1)} \oplus 36V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2580V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1200V^{(1),(2,1)} \oplus 1360V^{(1),(1,1,1)} \oplus 550V^{(1),(2,1,1)} \oplus 650V^{(1),(1,1,1,1)} \oplus 204V^{(1),(2,1,1,1)} \oplus 256V^{(1),(1,1,1,1,1)} \oplus 3V^{(1),(2,1,1,1,1)} \oplus 3V^{(1),(1,1,1,1,1,1)} \oplus 30V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1316V^{(2),(2)} \oplus 1544V^{(2),(1,1)} \oplus 594V^{(2),(2,1)} \oplus 738V^{(2),(1,1,1)} \oplus 168V^{(2),(2,1,1)} \oplus 232V^{(2),(1,1,1,1)} \oplus 9V^{(2),(2,1,1,1)} \oplus 11V^{(2),(1,1,1,1,1)} \oplus 30V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1316V^{(1,1),(2)} \oplus 1544V^{(1,1),(1,1)} \oplus 594V^{(1,1),(2,1)} \oplus 738V^{(1,1),(1,1,1)} \oplus 168V^{(1,1),(2,1,1)} \oplus 232V^{(1,1),(1,1,1,1)} \oplus 9V^{(1,1),(2,1,1,1)} \oplus 11V^{(1,1),(1,1,1,1,1)} \oplus 24V^{(3),\varnothing} \oplus 1200V^{(3),(1)} \oplus 528V^{(3),(2)} \oplus 606V^{(3),(1,1)} \oplus 144V^{(3),(2,1)} \oplus 188V^{(3),(1,1,1)} \oplus 18V^{(3),(2,1,1)} \oplus 23V^{(3),(1,1,1,1)} \oplus 24V^{(2,1),\varnothing} \oplus 1520V^{(2,1),(1)} \oplus 648V^{(2,1),(2)} \oplus 846V^{(2,1),(1,1)} \oplus 184V^{(2,1),(2,1)} \oplus 268V^{(2,1),(1,1,1)} \oplus 22V^{(2,1),(2,1,1)} \oplus$

Table 120: Table for $\lambda = (3,3,1)$, $\mu = (1,1,1,1,1,1,1)$:

$k = 14: \quad 3V^{\varnothing,\varnothing}$
$k = 13: \quad 6573V^{\varnothing,\varnothing} \oplus 398V^{\varnothing,(1)} \oplus 15V^{(1),\varnothing}$
$k = 12:$ $12683V^{\varnothing,\varnothing} \oplus 4680V^{\varnothing,(1)} \oplus 117V^{\varnothing,(1,1)} \oplus 4956V^{(1),\varnothing} \oplus 1059V^{(1),(1)} \oplus 12V^{(2),\varnothing} \oplus 12V^{(1,1),\varnothing}$
$k = 11: \quad 12953V^{\varnothing,\varnothing} \oplus 8256V^{\varnothing,(1)} \oplus 1722V^{\varnothing,(1,1)} \oplus 31V^{\varnothing,(1,1,1)} \oplus 9105V^{(1),\varnothing} \oplus 8544V^{(1),(1)} \oplus 339V^{(1),(1,1)} \oplus 1926V^{(2),\varnothing} \oplus 195V^{(2),(1)} \oplus 1926V^{(1,1),\varnothing} \oplus 195V^{(1,1),(1)} \oplus 7V^{(3),\varnothing} \oplus 10V^{(2,1),\varnothing} \oplus 6V^{(1,1,1),\varnothing}$
$k = 10: \quad 9860V^{\varnothing,\varnothing} \oplus 8258V^{\varnothing,(1)} \oplus 2808V^{\varnothing,(1,1)} \oplus 678V^{\varnothing,(1,1,1)} \oplus 9V^{\varnothing,(1,1,1,1)} \oplus 8224V^{(1),\varnothing} \oplus 15190V^{(1),(1)} \oplus 3024V^{(1),(1,1)} \oplus 99V^{(1),(1,1,1)} \oplus 3229V^{(2),\varnothing} \oplus 2976V^{(2),(1)} \oplus 195V^{(2),(1,1)} \oplus 3229V^{(1,1),\varnothing} \oplus 2976V^{(1,1),(1)} \oplus 195V^{(1,1),(1,1)} \oplus 438V^{(3),\varnothing} \oplus 42V^{(3),(1)} \oplus 1098V^{(2,1),\varnothing} \oplus 46V^{(2,1),(1)} \oplus 428V^{(1,1,1),\varnothing} \oplus 36V^{(1,1,1),(1)} \oplus 6V^{(3,1),\varnothing} \oplus 6V^{(2,2),\varnothing} \oplus 5V^{(2,1,1),\varnothing}$
$k = 9: \quad 4440V^{\varnothing,\varnothing} \oplus 5814V^{\varnothing,(1)} \oplus 2376V^{\varnothing,(1,1)} \oplus 928V^{\varnothing,(1,1,1)} \oplus 288V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(1,1,1,1,1)} \oplus 5065V^{(1),\varnothing} \oplus 14608V^{(1),(1)} \oplus 5082V^{(1),(1,1)} \oplus 1160V^{(1),(1,1,1)} \oplus 27V^{(1),(1,1,1,1)} \oplus 2336V^{(2),\varnothing} \oplus 5082V^{(2),(1)} \oplus 1092V^{(2),(1,1)} \oplus 75V^{(2),(1,1,1)} \oplus 2336V^{(1,1),\varnothing} \oplus 5082V^{(1,1),(1)} \oplus 1092V^{(1,1),(1,1)} \oplus 75V^{(1,1),(1,1,1)} \oplus 559V^{(3),\varnothing} \oplus 992V^{(3),(1)} \oplus 42V^{(3),(1,1)} \oplus 1509V^{(2,1),\varnothing} \oplus 1240V^{(2,1),(1)} \oplus 46V^{(2,1),(1,1)} \oplus 559V^{(1,1,1),\varnothing} \oplus 968V^{(1,1,1),(1)} \oplus 36V^{(1,1,1),(1,1)} \oplus 360V^{(3,1),\varnothing} \oplus 13V^{(3,1),(1)} \oplus 360V^{(2,2),\varnothing} \oplus 13V^{(2,2),(1)} \oplus 334V^{(2,1,1),\varnothing} \oplus 11V^{(2,1,1),(1)} \oplus 4V^{(3,2),\varnothing} \oplus 3V^{(3,1,1),\varnothing} \oplus 3V^{(2,2,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 2736V^{\varnothing,(1)} \oplus 1308V^{\varnothing,(1,1)} \oplus 596V^{\varnothing,(1,1,1)} \oplus 276V^{\varnothing,(1,1,1,1)} \oplus 118V^{\varnothing,(1,1,1,1,1)} \oplus V^{\varnothing,(1,1,1,1,1,1)} \oplus 1446V^{(1),\varnothing} \oplus 10580V^{(1),(1)} \oplus 4352V^{(1),(1,1)} \oplus 1758V^{(1),(1,1,1)} \oplus 468V^{(1),(1,1,1,1)} \oplus 9V^{(1),(1,1,1,1,1)} \oplus 941V^{(2),\varnothing} \oplus 4352V^{(2),(1)} \oplus 1718V^{(2),(1,1)} \oplus 424V^{(2),(1,1,1)} \oplus 27V^{(2),(1,1,1,1)} \oplus 941V^{(1,1),\varnothing} \oplus 4352V^{(1,1),(1)} \oplus 1718V^{(1,1),(1,1)} \oplus 424V^{(1,1),(1,1,1)} \oplus 27V^{(1,1),(1,1,1,1)} \oplus 264V^{(3),\varnothing} \oplus 1572V^{(3),(1)} \oplus 356V^{(3),(1,1)} \oplus 42V^{(3),(1,1,1)} \oplus 784V^{(2,1),\varnothing} \oplus 1908V^{(2,1),(1)} \oplus 452V^{(2,1),(1,1)} \oplus 46V^{(2,1),(1,1,1)} \oplus 264V^{(1,1,1),\varnothing} \oplus 1572V^{(1,1,1),(1)} \oplus 344V^{(1,1,1),(1,1)} \oplus 36V^{(1,1,1),(1,1,1)} \oplus 303V^{(3,1),\varnothing} \oplus 448V^{(3,1),(1)} \oplus 13V^{(3,1),(1,1)} \oplus 303V^{(2,2),\varnothing} \oplus 448V^{(2,2),(1)} \oplus 13V^{(2,2),(1,1)} \oplus 303V^{(2,1,1),\varnothing} \oplus 428V^{(2,1,1),(1)} \oplus 11V^{(2,1,1),(1,1)} \oplus 154V^{(3,2),\varnothing} \oplus 5V^{(3,2),(1)} \oplus 78V^{(3,1,1),\varnothing} \oplus 4V^{(3,1,1),(1)} \oplus 78V^{(2,2,1),\varnothing} \oplus 4V^{(2,2,1),(1)} \oplus 2V^{(3,3),\varnothing} \oplus 2V^{(3,2,1),\varnothing}$
$k = 7: \quad 441V^{\varnothing,(1)} \oplus 336V^{\varnothing,(1,1)} \oplus 168V^{\varnothing,(1,1,1)} \oplus 84V^{\varnothing,(1,1,1,1)} \oplus 42V^{\varnothing,(1,1,1,1,1)} \oplus 21V^{\varnothing,(1,1,1,1,1,1)} \oplus V^{(1),\varnothing} \oplus 4560V^{(1),(1)} \oplus 2580V^{(1),(1,1)} \oplus 1200V^{(1),(1,1,1)} \oplus 550V^{(1),(1,1,1,1)} \oplus 204V^{(1),(1,1,1,1,1)} \oplus 3V^{(1),(1,1,1,1,1,1)} \oplus V^{(2),\varnothing} \oplus 2580V^{(2),(1)} \oplus 1316V^{(2),(1,1)} \oplus 594V^{(2),(1,1,1)} \oplus 168V^{(2),(1,1,1,1)} \oplus 9V^{(2),(1,1,1,1,1)} \oplus V^{(1,1),\varnothing} \oplus 2580V^{(1,1),(1)} \oplus 1316V^{(1,1),(1,1)} \oplus 594V^{(1,1),(1,1,1)} \oplus 168V^{(1,1),(1,1,1,1)} \oplus 9V^{(1,1),(1,1,1,1,1)} \oplus V^{(3),\varnothing} \oplus 1120V^{(3),(1)} \oplus 528V^{(3),(1,1)} \oplus 144V^{(3),(1,1,1)} \oplus 18V^{(3),(1,1,1,1)} \oplus V^{(2,1),\varnothing} \oplus 1280V^{(2,1),(1)} \oplus 648V^{(2,1),(1,1)} \oplus 184V^{(2,1),(1,1,1)} \oplus 22V^{(2,1),(1,1,1,1)} \oplus V^{(1,1,1),\varnothing} \oplus 1120V^{(1,1,1),(1)} \oplus 528V^{(1,1,1),(1,1)} \oplus 138V^{(1,1,1),(1,1,1)} \oplus 12V^{(1,1,1),(1,1,1,1)} \oplus V^{(3,1),\varnothing} \oplus 550V^{(3,1),(1)} \oplus 160V^{(3,1),(1,1)} \oplus 13V^{(3,1),(1,1,1)} \oplus V^{(2,2),\varnothing} \oplus 550V^{(2,2),(1)} \oplus 160V^{(2,2),(1,1)} \oplus 13V^{(2,2),(1,1,1)} \oplus V^{(2,1,1),\varnothing} \oplus 550V^{(2,1,1),(1)} \oplus 152V^{(2,1,1),(1,1)} \oplus 11V^{(2,1,1),(1,1,1)} \oplus V^{(3,2),\varnothing} \oplus 204V^{(3,2),(1)} \oplus 5V^{(3,2),(1,1)} \oplus V^{(3,1,1),\varnothing} \oplus 178V^{(3,1,1),(1)} \oplus 4V^{(3,1,1),(1,1)} \oplus V^{(2,2,1),\varnothing} \oplus 178V^{(2,2,1),(1)} \oplus 4V^{(2,2,1),(1,1)} \oplus V^{(3,3),\varnothing} \oplus 2V^{(3,3),(1)} \oplus V^{(3,2,1),\varnothing} \oplus 2V^{(3,2,1),(1)} \oplus V^{(3,3,1),\varnothing}$
$k = 6: \quad 720V^{(1),(1)} \oplus 720V^{(1),(1,1)} \oplus 468V^{(1),(1,1,1)} \oplus 260V^{(1),(1,1,1,1)} \oplus 150V^{(1),(1,1,1,1,1)} \oplus 76V^{(1),(1,1,1,1,1,1)} \oplus V^{(1),(1,1,1,1,1,1,1)} \oplus 720V^{(2),(1)} \oplus 648V^{(2),(1,1)} \oplus 368V^{(2),(1,1,1)} \oplus 186V^{(2),(1,1,1,1)} \oplus 72V^{(2),(1,1,1,1,1)} \oplus 3V^{(2),(1,1,1,1,1,1)} \oplus 720V^{(1,1),(1)} \oplus 648V^{(1,1),(1,1)} \oplus 368V^{(1,1),(1,1,1)} \oplus 186V^{(1,1),(1,1,1,1)} \oplus 72V^{(1,1),(1,1,1,1,1)} \oplus 3V^{(1,1),(1,1,1,1,1,1)} \oplus 468V^{(3),(1)} \oplus 344V^{(3),(1,1)} \oplus 188V^{(3),(1,1,1)} \oplus 56V^{(3),(1,1,1,1)} \oplus 6V^{(3),(1,1,1,1,1)} \oplus 468V^{(2,1),(1)} \oplus 392V^{(2,1),(1,1)} \oplus 228V^{(2,1),(1,1,1)} \oplus 76V^{(2,1),(1,1,1,1)} \oplus 10V^{(2,1),(1,1,1,1,1)} \oplus 468V^{(1,1,1),(1)} \oplus$

Table 121: Table for $\lambda = (3, 2, 2)$, $\mu = (7,)$:

$k = 14: \quad 3V^{\varnothing,\varnothing}$
$k = 13: \quad 6573V^{\varnothing,\varnothing} \oplus 398V^{\varnothing,(1)} \oplus 14V^{(1),\varnothing}$
$k = 12:$ $12683V^{\varnothing,\varnothing} \oplus 4680V^{\varnothing,(1)} \oplus 117V^{\varnothing,(2)} \oplus 4956V^{(1),\varnothing} \oplus 1059V^{(1),(1)} \oplus 11V^{(2),\varnothing} \oplus 11V^{(1,1),\varnothing}$
$k = 11: \quad 12953V^{\varnothing,\varnothing} \oplus 8256V^{\varnothing,(1)} \oplus 1722V^{\varnothing,(2)} \oplus 31V^{\varnothing,(3)} \oplus 9105V^{(1),\varnothing} \oplus 8544V^{(1),(1)} \oplus 339V^{(1),(2)} \oplus 1926V^{(2),\varnothing} \oplus 195V^{(2),(1)} \oplus 1926V^{(1,1),\varnothing} \oplus 195V^{(1,1),(1)} \oplus 5V^{(3),\varnothing} \oplus 9V^{(2,1),\varnothing} \oplus 6V^{(1,1,1),\varnothing}$
$k = 10: \quad 9860V^{\varnothing,\varnothing} \oplus 8258V^{\varnothing,(1)} \oplus 2808V^{\varnothing,(2)} \oplus 678V^{\varnothing,(3)} \oplus 9V^{\varnothing,(4)} \oplus 8224V^{(1),\varnothing} \oplus 15190V^{(1),(1)} \oplus 3024V^{(1),(2)} \oplus 99V^{(1),(3)} \oplus 3229V^{(2),\varnothing} \oplus 2976V^{(2),(1)} \oplus 195V^{(2),(2)} \oplus 3229V^{(1,1),\varnothing} \oplus 2976V^{(1,1),(1)} \oplus 195V^{(1,1),(2)} \oplus 428V^{(3),\varnothing} \oplus 36V^{(3),(1)} \oplus 1098V^{(2,1),\varnothing} \oplus 46V^{(2,1),(1)} \oplus 438V^{(1,1,1),\varnothing} \oplus 42V^{(1,1,1),(1)} \oplus 4V^{(3,1),\varnothing} \oplus 5V^{(2,2),\varnothing} \oplus 5V^{(2,1,1),\varnothing}$
$k = 9: \quad 4440V^{\varnothing,\varnothing} \oplus 5814V^{\varnothing,(1)} \oplus 2376V^{\varnothing,(2)} \oplus 928V^{\varnothing,(3)} \oplus 288V^{\varnothing,(4)} \oplus 3V^{\varnothing,(5)} \oplus 5065V^{(1),\varnothing} \oplus 14608V^{(1),(1)} \oplus 5082V^{(1),(2)} \oplus 1160V^{(1),(3)} \oplus 27V^{(1),(4)} \oplus 2336V^{(2),\varnothing} \oplus 5082V^{(2),(1)} \oplus 1092V^{(2),(2)} \oplus 75V^{(2),(3)} \oplus 2336V^{(1,1),\varnothing} \oplus 5082V^{(1,1),(1)} \oplus 1092V^{(1,1),(2)} \oplus 75V^{(1,1),(3)} \oplus 559V^{(3),\varnothing} \oplus 968V^{(3),(1)} \oplus 36V^{(3),(2)} \oplus 1509V^{(2,1),\varnothing} \oplus 1240V^{(2,1),(1)} \oplus 46V^{(2,1),(2)} \oplus 559V^{(1,1,1),\varnothing} \oplus 992V^{(1,1,1),(1)} \oplus 42V^{(1,1,1),(2)} \oplus 334V^{(3,1),\varnothing} \oplus 11V^{(3,1),(1)} \oplus 360V^{(2,2),\varnothing} \oplus 13V^{(2,2),(1)} \oplus 360V^{(2,1,1),\varnothing} \oplus 13V^{(2,1,1),(1)} \oplus 2V^{(3,2),\varnothing} \oplus 2V^{(3,1,1),\varnothing} \oplus 3V^{(2,2,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 2736V^{\varnothing,(1)} \oplus 1308V^{\varnothing,(2)} \oplus 596V^{\varnothing,(3)} \oplus 276V^{\varnothing,(4)} \oplus 118V^{\varnothing,(5)} \oplus V^{\varnothing,(6)} \oplus 1446V^{(1),\varnothing} \oplus 10580V^{(1),(1)} \oplus 4352V^{(1),(2)} \oplus 1758V^{(1),(3)} \oplus 468V^{(1),(4)} \oplus 9V^{(1),(5)} \oplus 941V^{(2),\varnothing} \oplus 4352V^{(2),(1)} \oplus 1718V^{(2),(2)} \oplus 424V^{(2),(3)} \oplus 27V^{(2),(4)} \oplus 941V^{(1,1),\varnothing} \oplus 4352V^{(1,1),(1)} \oplus 1718V^{(1,1),(2)} \oplus 424V^{(1,1),(3)} \oplus 27V^{(1,1),(4)} \oplus 264V^{(3),\varnothing} \oplus 1572V^{(3),(1)} \oplus 344V^{(3),(2)} \oplus 36V^{(3),(3)} \oplus 784V^{(2,1),\varnothing} \oplus 1908V^{(2,1),(1)} \oplus 452V^{(2,1),(2)} \oplus 46V^{(2,1),(3)} \oplus 264V^{(1,1,1),\varnothing} \oplus 1572V^{(1,1,1),(1)} \oplus 356V^{(1,1,1),(2)} \oplus 42V^{(1,1,1),(3)} \oplus 303V^{(3,1),\varnothing} \oplus 428V^{(3,1),(1)} \oplus 11V^{(3,1),(2)} \oplus 303V^{(2,2),\varnothing} \oplus 448V^{(2,2),(1)} \oplus 13V^{(2,2),(2)} \oplus 303V^{(2,1,1),\varnothing} \oplus 448V^{(2,1,1),(1)} \oplus 13V^{(2,1,1),(2)} \oplus 78V^{(3,2),\varnothing} \oplus 4V^{(3,2),(1)} \oplus 78V^{(3,1,1),\varnothing} \oplus 4V^{(3,1,1),(1)} \oplus 154V^{(2,2,1),\varnothing} \oplus 5V^{(2,2,1),(1)} \oplus V^{(3,2,1),\varnothing} \oplus V^{(2,2,2),\varnothing}$
$k = 7: \quad 441V^{\varnothing,(1)} \oplus 336V^{\varnothing,(2)} \oplus 168V^{\varnothing,(3)} \oplus 84V^{\varnothing,(4)} \oplus 42V^{\varnothing,(5)} \oplus 21V^{\varnothing,(6)} \oplus V^{(1),\varnothing} \oplus 4560V^{(1),(1)} \oplus 2580V^{(1),(2)} \oplus 1200V^{(1),(3)} \oplus 550V^{(1),(4)} \oplus 204V^{(1),(5)} \oplus 3V^{(1),(6)} \oplus V^{(2),\varnothing} \oplus 2580V^{(2),(1)} \oplus 1316V^{(2),(2)} \oplus 594V^{(2),(3)} \oplus 168V^{(2),(4)} \oplus 9V^{(2),(5)} \oplus V^{(1,1),\varnothing} \oplus 2580V^{(1,1),(1)} \oplus 1316V^{(1,1),(2)} \oplus 594V^{(1,1),(3)} \oplus 168V^{(1,1),(4)} \oplus 9V^{(1,1),(5)} \oplus V^{(3),\varnothing} \oplus 1120V^{(3),(1)} \oplus 528V^{(3),(2)} \oplus 138V^{(3),(3)} \oplus 12V^{(3),(4)} \oplus V^{(2,1),\varnothing} \oplus 1280V^{(2,1),(1)} \oplus 648V^{(2,1),(2)} \oplus 184V^{(2,1),(3)} \oplus 22V^{(2,1),(4)} \oplus V^{(1,1,1),\varnothing} \oplus 1120V^{(1,1,1),(1)} \oplus 528V^{(1,1,1),(2)} \oplus 144V^{(1,1,1),(3)} \oplus 18V^{(1,1,1),(4)} \oplus V^{(3,1),\varnothing} \oplus 550V^{(3,1),(1)} \oplus 152V^{(3,1),(2)} \oplus 11V^{(3,1),(3)} \oplus V^{(2,2),\varnothing} \oplus 550V^{(2,2),(1)} \oplus 160V^{(2,2),(2)} \oplus 13V^{(2,2),(3)} \oplus V^{(2,1,1),\varnothing} \oplus 550V^{(2,1,1),(1)} \oplus 160V^{(2,1,1),(2)} \oplus 13V^{(2,1,1),(3)} \oplus V^{(3,2),\varnothing} \oplus 178V^{(3,2),(1)} \oplus 4V^{(3,2),(2)} \oplus V^{(3,1,1),\varnothing} \oplus 178V^{(3,1,1),(1)} \oplus 4V^{(3,1,1),(2)} \oplus V^{(2,2,1),\varnothing} \oplus 204V^{(2,2,1),(1)} \oplus 5V^{(2,2,1),(2)} \oplus V^{(3,2,1),\varnothing} \oplus 2V^{(3,2,1),(1)} \oplus V^{(2,2,2),\varnothing} \oplus 2V^{(2,2,2),(1)}$
$k = 6: \quad 720V^{(1),(1)} \oplus 720V^{(1),(2)} \oplus 468V^{(1),(3)} \oplus 260V^{(1),(4)} \oplus 150V^{(1),(5)} \oplus 76V^{(1),(6)} \oplus V^{(1),(7)} \oplus 720V^{(2),(1)} \oplus 648V^{(2),(2)} \oplus 368V^{(2),(3)} \oplus 186V^{(2),(4)} \oplus 72V^{(2),(5)} \oplus 3V^{(2),(6)} \oplus 720V^{(1,1),(1)} \oplus 648V^{(1,1),(2)} \oplus 368V^{(1,1),(3)} \oplus 186V^{(1,1),(4)} \oplus 72V^{(1,1),(5)} \oplus 3V^{(1,1),(6)} \oplus 468V^{(3),(1)} \oplus 344V^{(3),(2)} \oplus 188V^{(3),(3)} \oplus 56V^{(3),(4)} \oplus 6V^{(3),(5)} \oplus 468V^{(2,1),(1)} \oplus 392V^{(2,1),(2)} \oplus 228V^{(2,1),(3)} \oplus 76V^{(2,1),(4)} \oplus 10V^{(2,1),(5)} \oplus 468V^{(1,1,1),(1)} \oplus 344V^{(1,1,1),(2)} \oplus 188V^{(1,1,1),(3)} \oplus 56V^{(1,1,1),(4)} \oplus 6V^{(1,1,1),(5)} \oplus 260V^{(3,1),(1)} \oplus 186V^{(3,1),(2)} \oplus 60V^{(3,1),(3)} \oplus 11V^{(3,1),(4)} \oplus 260V^{(2,2),(1)} \oplus 186V^{(2,2),(2)} \oplus 64V^{(2,2),(3)} \oplus 13V^{(2,2),(4)} \oplus 260V^{(2,1,1),(1)} \oplus 186V^{(2,1,1),(2)} \oplus 64V^{(2,1,1),(3)} \oplus 13V^{(2,1,1),(4)} \oplus 150V^{(3,2),(1)} \oplus 62V^{(3,2),(2)} \oplus 4V^{(3,2),(3)} \oplus 150V^{(3,1,1),(1)} \oplus 62V^{(3,1,1),(2)} \oplus 4V^{(3,1,1),(3)} \oplus 150V^{(2,2,1),(1)} \oplus 72V^{(2,2,1),(2)} \oplus 5V^{(2,2,1),(3)} \oplus 76V^{(3,2,1),(1)} \oplus 2V^{(3,2,1),(2)} \oplus 76V^{(2,2,2),(1)} \oplus 2V^{(2,2,2),(2)} \oplus V^{(3,2,2),(1)}$

Table 122: Table for $\lambda = (3,2,2)$, $\mu = (6,1)$:

$k = 14: \quad 17V^{\varnothing,\varnothing}$
$k = 13: \quad 7898V^{\varnothing,\varnothing} \oplus 515V^{\varnothing,(1)} \oplus 113V^{(1),\varnothing}$
$k = 12: \quad 14974V^{\varnothing,\varnothing} \oplus 7764V^{\varnothing,(1)} \oplus 148V^{\varnothing,(2)} \oplus 117V^{\varnothing,(1,1)} \oplus 6876V^{(1),\varnothing} \oplus 1397V^{(1),(1)} \oplus 60V^{(2),\varnothing} \oplus 60V^{(1,1),\varnothing}$
$k = 11: \quad 14710V^{\varnothing,\varnothing} \oplus 13362V^{\varnothing,(1)} \oplus 2898V^{\varnothing,(2)} \oplus 1722V^{\varnothing,(1,1)} \oplus 40V^{\varnothing,(3)} \oplus 31V^{\varnothing,(2,1)} \oplus 12090V^{(1),\varnothing} \oplus 11312V^{(1),(1)} \oplus 437V^{(1),(2)} \oplus 339V^{(1),(1,1)} \oplus 2680V^{(2),\varnothing} \oplus 389V^{(2),(1)} \oplus 2680V^{(1,1),\varnothing} \oplus 389V^{(1,1),(1)} \oplus 20V^{(3),\varnothing} \oplus 29V^{(2,1),\varnothing} \oplus 25V^{(1,1,1),\varnothing}$
$k = 10: \quad 10682V^{\varnothing,\varnothing} \oplus 12610V^{\varnothing,(1)} \oplus 4566V^{\varnothing,(2)} \oplus 2808V^{\varnothing,(1,1)} \oplus 1146V^{\varnothing,(3)} \oplus 678V^{\varnothing,(2,1)} \oplus 12V^{\varnothing,(4)} \oplus 9V^{\varnothing,(3,1)} \oplus 10196V^{(1),\varnothing} \oplus 19130V^{(1),(1)} \oplus 4072V^{(1),(2)} \oplus 3024V^{(1),(1,1)} \oplus 125V^{(1),(3)} \oplus 99V^{(1),(2,1)} \oplus 4170V^{(2),\varnothing} \oplus 3976V^{(2),(1)} \oplus 269V^{(2),(2)} \oplus 195V^{(2),(1,1)} \oplus 4170V^{(1,1),\varnothing} \oplus 3976V^{(1,1),(1)} \oplus 269V^{(1,1),(2)} \oplus 195V^{(1,1),(1,1)} \oplus 622V^{(3),\varnothing} \oplus 71V^{(3),(1)} \oplus 1384V^{(2,1),\varnothing} \oplus 91V^{(2,1),(1)} \oplus 672V^{(1,1,1),\varnothing} \oplus 83V^{(1,1,1),(1)} \oplus 9V^{(3,1),\varnothing} \oplus 11V^{(2,2),\varnothing} \oplus 11V^{(2,1,1),\varnothing}$
$k = 9: \quad 4560V^{\varnothing,\varnothing} \oplus 8394V^{\varnothing,(1)} \oplus 3576V^{\varnothing,(2)} \oplus 2376V^{\varnothing,(1,1)} \oplus 1478V^{\varnothing,(3)} \oplus 928V^{\varnothing,(2,1)} \oplus 492V^{\varnothing,(4)} \oplus 288V^{\varnothing,(3,1)} \oplus 4V^{\varnothing,(5)} \oplus 3V^{\varnothing,(4,1)} \oplus 5880V^{(1),\varnothing} \oplus 17468V^{(1),(1)} \oplus 6414V^{(1),(2)} \oplus 5082V^{(1),(1,1)} \oplus 1560V^{(1),(3)} \oplus 1160V^{(1),(2,1)} \oplus 35V^{(1),(4)} \oplus 27V^{(1),(3,1)} \oplus 2800V^{(2),\varnothing} \oplus 6414V^{(2),(1)} \oplus 1508V^{(2),(2)} \oplus 1092V^{(2),(1,1)} \oplus 101V^{(2),(3)} \oplus 75V^{(2),(2,1)} \oplus 2800V^{(1,1),\varnothing} \oplus 6414V^{(1,1),(1)} \oplus 1508V^{(1,1),(2)} \oplus 1092V^{(1,1),(1,1)} \oplus 101V^{(1,1),(3)} \oplus 75V^{(1,1),(2,1)} \oplus 758V^{(3),\varnothing} \oplus 1176V^{(3),(1)} \oplus 71V^{(3),(2)} \oplus 36V^{(3),(1,1)} \oplus 1758V^{(2,1),\varnothing} \oplus 1720V^{(2,1),(1)} \oplus 91V^{(2,1),(2)} \oplus 46V^{(2,1),(1,1)} \oplus 758V^{(1,1,1),\varnothing} \oplus 1224V^{(1,1,1),(1)} \oplus 83V^{(1,1,1),(2)} \oplus 42V^{(1,1,1),(1,1)} \oplus 380V^{(3,1),\varnothing} \oplus 21V^{(3,1),(1)} \oplus 432V^{(2,2),\varnothing} \oplus 25V^{(2,2),(1)} \oplus 432V^{(2,1,1),\varnothing} \oplus 25V^{(2,1,1),(1)} \oplus 3V^{(3,2),\varnothing} \oplus 3V^{(3,1,1),\varnothing} \oplus 4V^{(2,2,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 3456V^{\varnothing,(1)} \oplus 1776V^{\varnothing,(2)} \oplus 1308V^{\varnothing,(1,1)} \oplus 856V^{\varnothing,(3)} \oplus 596V^{\varnothing,(2,1)} \oplus 426V^{\varnothing,(4)} \oplus 276V^{\varnothing,(3,1)} \oplus 194V^{\varnothing,(5)} \oplus 118V^{\varnothing,(4,1)} \oplus V^{\varnothing,(6)} \oplus V^{\varnothing,(5,1)} \oplus 1620V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 5136V^{(1),(2)} \oplus 4352V^{(1),(1,1)} \oplus 2166V^{(1),(3)} \oplus 1758V^{(1),(2,1)} \oplus 632V^{(1),(4)} \oplus 468V^{(1),(3,1)} \oplus 11V^{(1),(5)} \oplus 9V^{(1),(4,1)} \oplus 1056V^{(2),\varnothing} \oplus 5136V^{(2),(1)} \oplus 2186V^{(2),(2)} \oplus 1718V^{(2),(1,1)} \oplus 588V^{(2),(3)} \oplus 424V^{(2),(2,1)} \oplus 35V^{(2),(4)} \oplus 27V^{(2),(3,1)} \oplus 1056V^{(1,1),\varnothing} \oplus 5136V^{(1,1),(1)} \oplus 2186V^{(1,1),(2)} \oplus 1718V^{(1,1),(1,1)} \oplus 588V^{(1,1),(3)} \oplus 424V^{(1,1),(2,1)} \oplus 35V^{(1,1),(4)} \oplus 27V^{(1,1),(3,1)} \oplus 332V^{(3),\varnothing} \oplus 1794V^{(3),(1)} \oplus 428V^{(3),(2)} \oplus 344V^{(3),(1,1)} \oplus 47V^{(3),(3)} \oplus 36V^{(3),(2,1)} \oplus 852V^{(2,1),\varnothing} \oplus 2466V^{(2,1),(1)} \oplus 644V^{(2,1),(2)} \oplus 452V^{(2,1),(1,1)} \oplus 67V^{(2,1),(3)} \oplus 46V^{(2,1),(2,1)} \oplus 332V^{(1,1,1),\varnothing} \oplus 1794V^{(1,1,1),(1)} \oplus 452V^{(1,1,1),(2)} \oplus 356V^{(1,1,1),(1,1)} \oplus 59V^{(1,1,1),(3)} \oplus 42V^{(1,1,1),(2,1)} \oplus 336V^{(3,1),\varnothing} \oplus 552V^{(3,1),(1)} \oplus 21V^{(3,1),(2)} \oplus 11V^{(3,1),(1,1)} \oplus 336V^{(2,2),\varnothing} \oplus 592V^{(2,2),(1)} \oplus 25V^{(2,2),(2)} \oplus 13V^{(2,2),(1,1)} \oplus 336V^{(2,1,1),\varnothing} \oplus 592V^{(2,1,1),(1)} \oplus 25V^{(2,1,1),(2)} \oplus 13V^{(2,1,1),(1,1)} \oplus 88V^{(3,2),\varnothing} \oplus 7V^{(3,2),(1)} \oplus 88V^{(3,1,1),\varnothing} \oplus 7V^{(3,1,1),(1)} \oplus 164V^{(2,2,1),\varnothing} \oplus 9V^{(2,2,1),(1)} \oplus V^{(3,2,1),\varnothing} \oplus V^{(2,2,2),\varnothing}$
$k = 7: \quad 441V^{\varnothing,(1)} \oplus 336V^{\varnothing,(2)} \oplus 336V^{\varnothing,(1,1)} \oplus 168V^{\varnothing,(3)} \oplus 168V^{\varnothing,(2,1)} \oplus 84V^{\varnothing,(4)} \oplus 84V^{\varnothing,(3,1)} \oplus 42V^{\varnothing,(5)} \oplus 42V^{\varnothing,(4,1)} \oplus 21V^{\varnothing,(6)} \oplus 21V^{\varnothing,(5,1)} \oplus 36V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2580V^{(1),(1,1)} \oplus 1360V^{(1),(3)} \oplus 1200V^{(1),(2,1)} \oplus 650V^{(1),(4)} \oplus 550V^{(1),(3,1)} \oplus 256V^{(1),(5)} \oplus 204V^{(1),(4,1)} \oplus 3V^{(1),(6)} \oplus 3V^{(1),(5,1)} \oplus 30V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1544V^{(2),(2)} \oplus 1316V^{(2),(1,1)} \oplus 738V^{(2),(3)} \oplus 594V^{(2),(2,1)} \oplus 232V^{(2),(4)} \oplus 168V^{(2),(3,1)} \oplus 11V^{(2),(5)} \oplus 9V^{(2),(4,1)} \oplus 30V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1544V^{(1,1),(2)} \oplus 1316V^{(1,1),(1,1)} \oplus 738V^{(1,1),(3)} \oplus 594V^{(1,1),(2,1)} \oplus 232V^{(1,1),(4)} \oplus 168V^{(1,1),(3,1)} \oplus 11V^{(1,1),(5)} \oplus 9V^{(1,1),(4,1)} \oplus 24V^{(3),\varnothing} \oplus 1200V^{(3),(1)} \oplus 606V^{(3),(2)} \oplus 528V^{(3),(1,1)} \oplus 176V^{(3),(3)} \oplus 138V^{(3),(2,1)} \oplus 17V^{(3),(4)} \oplus 12V^{(3),(3,1)} \oplus 24V^{(2,1),\varnothing} \oplus 1520V^{(2,1),(1)} \oplus 846V^{(2,1),(2)} \oplus 648V^{(2,1),(1,1)} \oplus 268V^{(2,1),(3)} \oplus 184V^{(2,1),(2,1)} \oplus 31V^{(2,1),(4)} \oplus 22V^{(2,1),(3,1)} \oplus 24V^{(1,1,1),\varnothing} \oplus 1200V^{(1,1,1),(1)} \oplus 606V^{(1,1,1),(2)} \oplus 528V^{(1,1,1),(1,1)} \oplus 188V^{(1,1,1),(3)} \oplus 144V^{(1,1,1),(2,1)} \oplus 23V^{(1,1,1),(4)} \oplus 18V^{(1,1,1),(3,1)} \oplus 18V^{(3,1),\varnothing} \oplus 650V^{(3,1),(1)} \oplus 200V^{(3,1),(2)} \oplus 152V^{(3,1),(1,1)} \oplus 21V^{(3,1),(3)} \oplus$

Table 123: Table for $\lambda = (3,2,2)$, $\mu = (5,2)$:

$k = 14: \quad 46V^{\varnothing,\varnothing}$
$k = 13: \quad 8230V^{\varnothing,\varnothing} \oplus 543V^{\varnothing,(1)} \oplus 255V^{(1),\varnothing}$
$k = 12: \quad 15432V^{\varnothing,\varnothing} \oplus 8180V^{\varnothing,(1)} \oplus 156V^{\varnothing,(2)} \oplus 147V^{\varnothing,(1,1)} \oplus 7680V^{(1),\varnothing} \oplus 1487V^{(1),(1)} \oplus 93V^{(2),\varnothing} \oplus 93V^{(1,1),\varnothing}$
$k = 11: \quad 15070V^{\varnothing,\varnothing} \oplus 13818V^{\varnothing,(1)} \oplus 3226V^{\varnothing,(2)} \oplus 2138V^{\varnothing,(1,1)} \oplus 42V^{\varnothing,(3)} \oplus 40V^{\varnothing,(2,1)} \oplus 13362V^{(1),\varnothing} \oplus 11888V^{(1),(1)} \oplus 461V^{(1),(2)} \oplus 435V^{(1),(1,1)} \oplus 2920V^{(2),\varnothing} \oplus 455V^{(2),(1)} \oplus 2920V^{(1,1),\varnothing} \oplus 455V^{(1,1),(1)} \oplus 24V^{(3),\varnothing} \oplus 33V^{(2,1),\varnothing} \oplus 29V^{(1,1,1),\varnothing}$
$k = 10: \quad 11144V^{\varnothing,\varnothing} \oplus 12754V^{\varnothing,(1)} \oplus 4974V^{\varnothing,(2)} \oplus 3216V^{\varnothing,(1,1)} \oplus 1250V^{\varnothing,(3)} \oplus 1146V^{\varnothing,(2,1)} \oplus 12V^{\varnothing,(4)} \oplus 12V^{\varnothing,(3,1)} \oplus 9V^{\varnothing,(2,2)} \oplus 11236V^{(1),\varnothing} \oplus 19598V^{(1),(1)} \oplus 4456V^{(1),(2)} \oplus 3552V^{(1),(1,1)} \oplus 131V^{(1),(3)} \oplus 125V^{(1),(2,1)} \oplus 4570V^{(2),\varnothing} \oplus 4216V^{(2),(1)} \oplus 293V^{(2),(2)} \oplus 267V^{(2),(1,1)} \oplus 4570V^{(1,1),\varnothing} \oplus 4216V^{(1,1),(1)} \oplus 293V^{(1,1),(2)} \oplus 267V^{(1,1),(1,1)} \oplus 702V^{(3),\varnothing} \oplus 101V^{(3),(1)} \oplus 1464V^{(2,1),\varnothing} \oplus 127V^{(2,1),(1)} \oplus 752V^{(1,1,1),\varnothing} \oplus 119V^{(1,1,1),(1)} \oplus 9V^{(3,1),\varnothing} \oplus 11V^{(2,2),\varnothing} \oplus 11V^{(2,1,1),\varnothing}$
$k = 9: \quad 4854V^{\varnothing,\varnothing} \oplus 8394V^{\varnothing,(1)} \oplus 3736V^{\varnothing,(2)} \oplus 2536V^{\varnothing,(1,1)} \oplus 1578V^{\varnothing,(3)} \oplus 1478V^{\varnothing,(2,1)} \oplus 492V^{\varnothing,(4)} \oplus 492V^{\varnothing,(3,1)} \oplus 288V^{\varnothing,(2,2)} \oplus 3V^{\varnothing,(5)} \oplus 4V^{\varnothing,(4,1)} \oplus 3V^{\varnothing,(3,2)} \oplus 7136V^{(1),\varnothing} \oplus 17576V^{(1),(1)} \oplus 6846V^{(1),(2)} \oplus 5514V^{(1),(1,1)} \oplus 1680V^{(1),(3)} \oplus 1560V^{(1),(2,1)} \oplus 35V^{(1),(4)} \oplus 35V^{(1),(3,1)} \oplus 27V^{(1),(2,2)} \oplus 3120V^{(2),\varnothing} \oplus 6522V^{(2),(1)} \oplus 1676V^{(2),(2)} \oplus 1308V^{(2),(1,1)} \oplus 107V^{(2),(3)} \oplus 101V^{(2),(2,1)} \oplus 3120V^{(1,1),\varnothing} \oplus 6522V^{(1,1),(1)} \oplus 1676V^{(1,1),(2)} \oplus 1308V^{(1,1),(1,1)} \oplus 107V^{(1,1),(3)} \oplus 101V^{(1,1),(2,1)} \oplus 902V^{(3),\varnothing} \oplus 1200V^{(3),(1)} \oplus 81V^{(3),(2)} \oplus 70V^{(3),(1,1)} \oplus 1902V^{(2,1),\varnothing} \oplus 1768V^{(2,1),(1)} \oplus 109V^{(2,1),(2)} \oplus 88V^{(2,1),(1,1)} \oplus 902V^{(1,1,1),\varnothing} \oplus 1272V^{(1,1,1),(1)} \oplus 99V^{(1,1,1),(2)} \oplus 82V^{(1,1,1),(1,1)} \oplus 412V^{(3,1),\varnothing} \oplus 27V^{(3,1),(1)} \oplus 464V^{(2,2),\varnothing} \oplus 31V^{(2,2),(1)} \oplus 464V^{(2,1,1),\varnothing} \oplus 31V^{(2,1,1),(1)} \oplus 3V^{(3,2),\varnothing} \oplus 3V^{(3,1,1),\varnothing} \oplus 4V^{(2,2,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 3456V^{\varnothing,(1)} \oplus 1776V^{\varnothing,(2)} \oplus 1308V^{\varnothing,(1,1)} \oplus 856V^{\varnothing,(3)} \oplus 856V^{\varnothing,(2,1)} \oplus 426V^{\varnothing,(4)} \oplus 426V^{\varnothing,(3,1)} \oplus 276V^{\varnothing,(2,2)} \oplus 118V^{\varnothing,(5)} \oplus 194V^{\varnothing,(4,1)} \oplus 118V^{\varnothing,(3,2)} \oplus V^{\varnothing,(5,1)} \oplus V^{\varnothing,(4,2)} \oplus 2280V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 5280V^{(1),(2)} \oplus 4496V^{(1),(1,1)} \oplus 2274V^{(1),(3)} \oplus 2166V^{(1),(2,1)} \oplus 632V^{(1),(4)} \oplus 632V^{(1),(3,1)} \oplus 468V^{(1),(2,2)} \oplus 9V^{(1),(5)} \oplus 11V^{(1),(4,1)} \oplus 9V^{(1),(3,2)} \oplus 1356V^{(2),\varnothing} \oplus 5136V^{(2),(1)} \oplus 2330V^{(2),(2)} \oplus 1862V^{(2),(1,1)} \oplus 636V^{(2),(3)} \oplus 588V^{(2),(2,1)} \oplus 35V^{(2),(4)} \oplus 35V^{(2),(3,1)} \oplus 27V^{(2),(2,2)} \oplus 1356V^{(1,1),\varnothing} \oplus 5136V^{(1,1),(1)} \oplus 2330V^{(1,1),(2)} \oplus 1862V^{(1,1),(1,1)} \oplus 636V^{(1,1),(3)} \oplus 588V^{(1,1),(2,1)} \oplus 35V^{(1,1),(4)} \oplus 35V^{(1,1),(3,1)} \oplus 27V^{(1,1),(2,2)} \oplus 428V^{(3),\varnothing} \oplus 1794V^{(3),(1)} \oplus 472V^{(3),(2)} \oplus 388V^{(3),(1,1)} \oplus 51V^{(3),(3)} \oplus 47V^{(3),(2,1)} \oplus 948V^{(2,1),\varnothing} \oplus 2466V^{(2,1),(1)} \oplus 716V^{(2,1),(2)} \oplus 524V^{(2,1),(1,1)} \oplus 73V^{(2,1),(3)} \oplus 67V^{(2,1),(2,1)} \oplus 428V^{(1,1,1),\varnothing} \oplus 1794V^{(1,1,1),(1)} \oplus 508V^{(1,1,1),(2)} \oplus 412V^{(1,1,1),(1,1)} \oplus 63V^{(1,1,1),(3)} \oplus 59V^{(1,1,1),(2,1)} \oplus 384V^{(3,1),\varnothing} \oplus 552V^{(3,1),(1)} \oplus 29V^{(3,1),(2)} \oplus 19V^{(3,1),(1,1)} \oplus 384V^{(2,2),\varnothing} \oplus 592V^{(2,2),(1)} \oplus 35V^{(2,2),(2)} \oplus 23V^{(2,2),(1,1)} \oplus 384V^{(2,1,1),\varnothing} \oplus 592V^{(2,1,1),(1)} \oplus 35V^{(2,1,1),(2)} \oplus 23V^{(2,1,1),(1,1)} \oplus 104V^{(3,2),\varnothing} \oplus 7V^{(3,2),(1)} \oplus 104V^{(3,1,1),\varnothing} \oplus 7V^{(3,1,1),(1)} \oplus 180V^{(2,2,1),\varnothing} \oplus 9V^{(2,2,1),(1)} \oplus V^{(3,2,1),\varnothing} \oplus V^{(2,2,2),\varnothing}$
$k = 7: \quad 441V^{\varnothing,(1)} \oplus 336V^{\varnothing,(2)} \oplus 336V^{\varnothing,(1,1)} \oplus 168V^{\varnothing,(3)} \oplus 168V^{\varnothing,(2,1)} \oplus 84V^{\varnothing,(4)} \oplus 84V^{\varnothing,(3,1)} \oplus 84V^{\varnothing,(2,2)} \oplus 42V^{\varnothing,(5)} \oplus 42V^{\varnothing,(4,1)} \oplus 42V^{\varnothing,(3,2)} \oplus 21V^{\varnothing,(5,1)} \oplus 21V^{\varnothing,(4,2)} \oplus 196V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2580V^{(1),(1,1)} \oplus 1360V^{(1),(3)} \oplus 1360V^{(1),(2,1)} \oplus 650V^{(1),(4)} \oplus 650V^{(1),(3,1)} \oplus 550V^{(1),(2,2)} \oplus 204V^{(1),(5)} \oplus 256V^{(1),(4,1)} \oplus 204V^{(1),(3,2)} \oplus 3V^{(1),(5,1)} \oplus 3V^{(1),(4,2)} \oplus 140V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1580V^{(2),(2)} \oplus 1352V^{(2),(1,1)} \oplus 774V^{(2),(3)} \oplus 738V^{(2),(2,1)} \oplus 232V^{(2),(4)} \oplus 232V^{(2),(3,1)} \oplus 168V^{(2),(2,2)} \oplus 9V^{(2),(5)} \oplus 11V^{(2),(4,1)} \oplus 9V^{(2),(3,2)} \oplus 140V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1580V^{(1,1),(2)} \oplus 1352V^{(1,1),(1,1)} \oplus 774V^{(1,1),(3)} \oplus 738V^{(1,1),(2,1)} \oplus 232V^{(1,1),(4)} \oplus 232V^{(1,1),(3,1)} \oplus 168V^{(1,1),(2,2)} \oplus 9V^{(1,1),(5)} \oplus 11V^{(1,1),(4,1)} \oplus 9V^{(1,1),(3,2)} \oplus 84V^{(3),\varnothing} \oplus 1200V^{(3),(1)} \oplus 630V^{(3),(2)} \oplus 552V^{(3),(1,1)} \oplus 192V^{(3),(3)} \oplus 176V^{(3),(2,1)} \oplus 17V^{(3),(4)} \oplus 17V^{(3),(3,1)} \oplus 12V^{(3),(2,2)} \oplus 84V^{(2,1),\varnothing} \oplus 1520V^{(2,1),(1)} \oplus 882V^{(2,1),(2)} \oplus 684V^{(2,1),(1,1)} \oplus 292V^{(2,1),(3)} \oplus 268V^{(2,1),(2,1)} \oplus$

Table 124: Table for $\lambda = (3,2,2)$, $\mu = (5,1,1)$:

$k = 14: \quad 63V^{\varnothing,\varnothing}$
$k = 13: \quad 8475V^{\varnothing,\varnothing} \oplus 545V^{\varnothing,(1)} \oplus 314V^{(1),\varnothing}$
$k = 12: \quad 15748V^{\varnothing,\varnothing} \oplus 8700V^{\varnothing,(1)} \oplus 156V^{\varnothing,(2)} \oplus 148V^{\varnothing,(1,1)} \oplus 8040V^{(1),\varnothing} \oplus 1493V^{(1),(1)} \oplus 117V^{(2),\varnothing} \oplus 117V^{(1,1),\varnothing}$
$k = 11: \quad 15553V^{\varnothing,\varnothing} \oplus 14718V^{\varnothing,(1)} \oplus 3226V^{\varnothing,(2)} \oplus 2898V^{\varnothing,(1,1)} \oplus 42V^{\varnothing,(3)} \oplus 40V^{\varnothing,(2,1)} \oplus 31V^{\varnothing,(1,1,1)} \oplus 13764V^{(1),\varnothing} \oplus 12488V^{(1),(1)} \oplus 461V^{(1),(2)} \oplus 437V^{(1),(1,1)} \oplus 3046V^{(2),\varnothing} \oplus 461V^{(2),(1)} \oplus 3046V^{(1,1),\varnothing} \oplus 461V^{(1,1),(1)} \oplus 30V^{(3),\varnothing} \oplus 40V^{(2,1),\varnothing} \oplus 36V^{(1,1,1),\varnothing}$
$k = 10: \quad 11210V^{\varnothing,\varnothing} \oplus 13394V^{\varnothing,(1)} \oplus 4974V^{\varnothing,(2)} \oplus 4566V^{\varnothing,(1,1)} \oplus 1250V^{\varnothing,(3)} \oplus 1146V^{\varnothing,(2,1)} \oplus 678V^{\varnothing,(1,1,1)} \oplus 12V^{\varnothing,(4)} \oplus 12V^{\varnothing,(3,1)} \oplus 9V^{\varnothing,(2,1,1)} \oplus 12278V^{(1),\varnothing} \oplus 20570V^{(1),(1)} \oplus 4456V^{(1),(2)} \oplus 4072V^{(1),(1,1)} \oplus 131V^{(1),(3)} \oplus 125V^{(1),(2,1)} \oplus 99V^{(1),(1,1,1)} \oplus 4674V^{(2),\varnothing} \oplus 4456V^{(2),(1)} \oplus 293V^{(2),(2)} \oplus 269V^{(2),(1,1)} \oplus 4674V^{(1,1),\varnothing} \oplus 4456V^{(1,1),(1)} \oplus 293V^{(1,1),(2)} \oplus 269V^{(1,1),(1,1)} \oplus 722V^{(3),\varnothing} \oplus 105V^{(3),(1)} \oplus 1494V^{(2,1),\varnothing} \oplus 133V^{(2,1),(1)} \oplus 782V^{(1,1,1),\varnothing} \oplus 123V^{(1,1,1),(1)} \oplus 10V^{(3,1),\varnothing} \oplus 12V^{(2,2),\varnothing} \oplus 12V^{(2,1,1),\varnothing}$
$k = 9: \quad 4875V^{\varnothing,\varnothing} \oplus 8634V^{\varnothing,(1)} \oplus 3736V^{\varnothing,(2)} \oplus 3576V^{\varnothing,(1,1)} \oplus 1578V^{\varnothing,(3)} \oplus 1478V^{\varnothing,(2,1)} \oplus 928V^{\varnothing,(1,1,1)} \oplus 492V^{\varnothing,(4)} \oplus 492V^{\varnothing,(3,1)} \oplus 288V^{\varnothing,(2,1,1)} \oplus 3V^{\varnothing,(5)} \oplus 4V^{\varnothing,(4,1)} \oplus 3V^{\varnothing,(3,1,1)} \oplus 7425V^{(1),\varnothing} \oplus 18152V^{(1),(1)} \oplus 6846V^{(1),(2)} \oplus 6414V^{(1),(1,1)} \oplus 1680V^{(1),(3)} \oplus 1560V^{(1),(2,1)} \oplus 1160V^{(1),(1,1,1)} \oplus 35V^{(1),(4)} \oplus 35V^{(1),(3,1)} \oplus 27V^{(1),(2,1,1)} \oplus 3400V^{(2),\varnothing} \oplus 6846V^{(2),(1)} \oplus 1676V^{(2),(2)} \oplus 1508V^{(2),(1,1)} \oplus 107V^{(2),(3)} \oplus 101V^{(2),(2,1)} \oplus 75V^{(2),(1,1,1)} \oplus 3400V^{(1,1),\varnothing} \oplus 6846V^{(1,1),(1)} \oplus 1676V^{(1,1),(2)} \oplus 1508V^{(1,1),(1,1)} \oplus 107V^{(1,1),(3)} \oplus 101V^{(1,1),(2,1)} \oplus 75V^{(1,1),(1,1,1)} \oplus 920V^{(3),\varnothing} \oplus 1280V^{(3),(1)} \oplus 81V^{(3),(2)} \oplus 71V^{(3),(1,1)} \oplus 1920V^{(2,1),\varnothing} \oplus 1888V^{(2,1),(1)} \oplus 109V^{(2,1),(2)} \oplus 91V^{(2,1),(1,1)} \oplus 920V^{(1,1,1),\varnothing} \oplus 1352V^{(1,1,1),(1)} \oplus 99V^{(1,1,1),(2)} \oplus 83V^{(1,1,1),(1,1)} \oplus 416V^{(3,1),\varnothing} \oplus 29V^{(3,1),(1)} \oplus 468V^{(2,2),\varnothing} \oplus 35V^{(2,2),(1)} \oplus 468V^{(2,1,1),\varnothing} \oplus 35V^{(2,1,1),(1)} \oplus 3V^{(3,2),\varnothing} \oplus 3V^{(3,1,1),\varnothing} \oplus 4V^{(2,2,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 3456V^{\varnothing,(1)} \oplus 1776V^{\varnothing,(2)} \oplus 1776V^{\varnothing,(1,1)} \oplus 856V^{\varnothing,(3)} \oplus 856V^{\varnothing,(2,1)} \oplus 596V^{\varnothing,(1,1,1)} \oplus 426V^{\varnothing,(4)} \oplus 426V^{\varnothing,(3,1)} \oplus 276V^{\varnothing,(2,1,1)} \oplus 118V^{\varnothing,(5)} \oplus 194V^{\varnothing,(4,1)} \oplus 118V^{\varnothing,(3,1,1)} \oplus V^{\varnothing,(5,1)} \oplus V^{\varnothing,(4,1,1)} \oplus 2430V^{(1),\varnothing} \oplus 12068V^{(1),(1)} \oplus 5280V^{(1),(2)} \oplus 5136V^{(1),(1,1)} \oplus 2274V^{(1),(3)} \oplus 2166V^{(1),(2,1)} \oplus 1758V^{(1),(1,1,1)} \oplus 632V^{(1),(4)} \oplus 632V^{(1),(3,1)} \oplus 468V^{(1),(2,1,1)} \oplus 9V^{(1),(5)} \oplus 11V^{(1),(4,1)} \oplus 9V^{(1),(3,1,1)} \oplus 1461V^{(2),\varnothing} \oplus 5280V^{(2),(1)} \oplus 2330V^{(2),(2)} \oplus 2186V^{(2),(1,1)} \oplus 636V^{(2),(3)} \oplus 588V^{(2),(2,1)} \oplus 424V^{(2),(1,1,1)} \oplus 35V^{(2),(4)} \oplus 35V^{(2),(3,1)} \oplus 27V^{(2),(2,1,1)} \oplus 1461V^{(1,1),\varnothing} \oplus 5280V^{(1,1),(1)} \oplus 2330V^{(1,1),(2)} \oplus 2186V^{(1,1),(1,1)} \oplus 636V^{(1,1),(3)} \oplus 588V^{(1,1),(2,1)} \oplus 424V^{(1,1),(1,1,1)} \oplus 35V^{(1,1),(4)} \oplus 35V^{(1,1),(3,1)} \oplus 27V^{(1,1),(2,1,1)} \oplus 500V^{(3),\varnothing} \oplus 1866V^{(3),(1)} \oplus 472V^{(3),(2)} \oplus 428V^{(3),(1,1)} \oplus 51V^{(3),(3)} \oplus 47V^{(3),(2,1)} \oplus 36V^{(3),(1,1,1)} \oplus 1020V^{(2,1),\varnothing} \oplus 2574V^{(2,1),(1)} \oplus 716V^{(2,1),(2)} \oplus 644V^{(2,1),(1,1)} \oplus 73V^{(2,1),(3)} \oplus 67V^{(2,1),(2,1)} \oplus 46V^{(2,1),(1,1,1)} \oplus 500V^{(1,1,1),\varnothing} \oplus 1866V^{(1,1,1),(1)} \oplus 508V^{(1,1,1),(2)} \oplus 452V^{(1,1,1),(1,1)} \oplus 63V^{(1,1,1),(3)} \oplus 59V^{(1,1,1),(2,1)} \oplus 42V^{(1,1,1),(1,1,1)} \oplus 390V^{(3,1),\varnothing} \oplus 572V^{(3,1),(1)} \oplus 29V^{(3,1),(2)} \oplus 21V^{(3,1),(1,1)} \oplus 390V^{(2,2),\varnothing} \oplus 632V^{(2,2),(1)} \oplus 35V^{(2,2),(2)} \oplus 25V^{(2,2),(1,1)} \oplus 390V^{(2,1,1),\varnothing} \oplus 632V^{(2,1,1),(1)} \oplus 35V^{(2,1,1),(2)} \oplus 25V^{(2,1,1),(1,1)} \oplus 106V^{(3,2),\varnothing} \oplus 9V^{(3,2),(1)} \oplus 106V^{(3,1,1),\varnothing} \oplus 9V^{(3,1,1),(1)} \oplus 182V^{(2,2,1),\varnothing} \oplus 11V^{(2,2,1),(1)} \oplus V^{(3,2,1),\varnothing} \oplus V^{(2,2,2),\varnothing}$
$k = 7:$ $441V^{\varnothing,(1)} \oplus 336V^{\varnothing,(2)} \oplus 336V^{\varnothing,(1,1)} \oplus 168V^{\varnothing,(3)} \oplus 168V^{\varnothing,(2,1)} \oplus 168V^{\varnothing,(1,1,1)} \oplus 84V^{\varnothing,(4)} \oplus 84V^{\varnothing,(3,1)} \oplus 84V^{\varnothing,(2,1,1)} \oplus 42V^{\varnothing,(5)} \oplus 42V^{\varnothing,(4,1)} \oplus 42V^{\varnothing,(3,1,1)} \oplus 21V^{\varnothing,(5,1)} \oplus 21V^{\varnothing,(4,1,1)} \oplus 225V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1360V^{(1),(3)} \oplus 1360V^{(1),(2,1)} \oplus 1200V^{(1),(1,1,1)} \oplus 650V^{(1),(4)} \oplus 650V^{(1),(3,1)} \oplus 550V^{(1),(2,1,1)} \oplus 204V^{(1),(5)} \oplus 256V^{(1),(4,1)} \oplus 204V^{(1),(3,1,1)} \oplus 3V^{(1),(5,1)} \oplus 3V^{(1),(4,1,1)} \oplus 165V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1580V^{(2),(2)} \oplus 1544V^{(2),(1,1)} \oplus 774V^{(2),(3)} \oplus 738V^{(2),(2,1)} \oplus 594V^{(2),(1,1,1)} \oplus 232V^{(2),(4)} \oplus 232V^{(2),(3,1)} \oplus 168V^{(2),(2,1,1)} \oplus 9V^{(2),(5)} \oplus 11V^{(2),(4,1)} \oplus 9V^{(2),(3,1,1)} \oplus 165V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus$

Table 125: Table for $\lambda = (3,2,2)$, $\mu = (4,3)$:

$k = 14: \quad 46V^{\varnothing,\varnothing}$
$k = 13: \quad 8230V^{\varnothing,\varnothing} \oplus 521V^{\varnothing,(1)} \oplus 253V^{(1),\varnothing}$
$k = 12: \quad 15432V^{\varnothing,\varnothing} \oplus 8004V^{\varnothing,(1)} \oplus 150V^{\varnothing,(2)} \oplus 147V^{\varnothing,(1,1)} \oplus 7676V^{(1),\varnothing} \oplus 1415V^{(1),(1)} \oplus 92V^{(2),\varnothing} \oplus 92V^{(1,1),\varnothing}$
$k = 11: \quad 15070V^{\varnothing,\varnothing} \oplus 13686V^{\varnothing,(1)} \oplus 3106V^{\varnothing,(2)} \oplus 2138V^{\varnothing,(1,1)} \oplus 40V^{\varnothing,(3)} \oplus 40V^{\varnothing,(2,1)} \oplus 13362V^{(1),\varnothing} \oplus 11600V^{(1),(1)} \oplus 443V^{(1),(2)} \oplus 435V^{(1),(1,1)} \oplus 2920V^{(2),\varnothing} \oplus 407V^{(2),(1)} \oplus 2920V^{(1,1),\varnothing} \oplus 407V^{(1,1),(1)} \oplus 24V^{(3),\varnothing} \oplus 33V^{(2,1),\varnothing} \oplus 29V^{(1,1,1),\varnothing}$
$k = 10: \quad 11144V^{\varnothing,\varnothing} \oplus 12754V^{\varnothing,(1)} \oplus 4866V^{\varnothing,(2)} \oplus 3216V^{\varnothing,(1,1)} \oplus 1146V^{\varnothing,(3)} \oplus 1146V^{\varnothing,(2,1)} \oplus 9V^{\varnothing,(4)} \oplus 12V^{\varnothing,(3,1)} \oplus 11V^{\varnothing,(2,2)} \oplus 11236V^{(1),\varnothing} \oplus 19454V^{(1),(1)} \oplus 4312V^{(1),(2)} \oplus 3552V^{(1),(1,1)} \oplus 125V^{(1),(3)} \oplus 125V^{(1),(2,1)} \oplus 4570V^{(2),\varnothing} \oplus 4120V^{(2),(1)} \oplus 275V^{(2),(2)} \oplus 267V^{(2),(1,1)} \oplus 4570V^{(1,1),\varnothing} \oplus 4120V^{(1,1),(1)} \oplus 275V^{(1,1),(2)} \oplus 267V^{(1,1),(1,1)} \oplus 702V^{(3),\varnothing} \oplus 77V^{(3),(1)} \oplus 1464V^{(2,1),\varnothing} \oplus 103V^{(2,1),(1)} \oplus 752V^{(1,1,1),\varnothing} \oplus 95V^{(1,1,1),(1)} \oplus 9V^{(3,1),\varnothing} \oplus 11V^{(2,2),\varnothing} \oplus 11V^{(2,1,1),\varnothing}$
$k = 9: \quad 4854V^{\varnothing,\varnothing} \oplus 8394V^{\varnothing,(1)} \oplus 3736V^{\varnothing,(2)} \oplus 2536V^{\varnothing,(1,1)} \oplus 1478V^{\varnothing,(3)} \oplus 1478V^{\varnothing,(2,1)} \oplus 288V^{\varnothing,(4)} \oplus 492V^{\varnothing,(3,1)} \oplus 340V^{\varnothing,(2,2)} \oplus 3V^{\varnothing,(4,1)} \oplus 4V^{\varnothing,(3,2)} \oplus 7136V^{(1),\varnothing} \oplus 17576V^{(1),(1)} \oplus 6738V^{(1),(2)} \oplus 5514V^{(1),(1,1)} \oplus 1560V^{(1),(3)} \oplus 1560V^{(1),(2,1)} \oplus 27V^{(1),(4)} \oplus 35V^{(1),(3,1)} \oplus 33V^{(1),(2,2)} \oplus 3120V^{(2),\varnothing} \oplus 6522V^{(2),(1)} \oplus 1604V^{(2),(2)} \oplus 1308V^{(2),(1,1)} \oplus 101V^{(2),(3)} \oplus 101V^{(2),(2,1)} \oplus 3120V^{(1,1),\varnothing} \oplus 6522V^{(1,1),(1)} \oplus 1604V^{(1,1),(2)} \oplus 1308V^{(1,1),(1,1)} \oplus 101V^{(1,1),(3)} \oplus 101V^{(1,1),(2,1)} \oplus 902V^{(3),\varnothing} \oplus 1200V^{(3),(1)} \oplus 75V^{(3),(2)} \oplus 70V^{(3),(1,1)} \oplus 1902V^{(2,1),\varnothing} \oplus 1768V^{(2,1),(1)} \oplus 97V^{(2,1),(2)} \oplus 88V^{(2,1),(1,1)} \oplus 902V^{(1,1,1),\varnothing} \oplus 1272V^{(1,1,1),(1)} \oplus 87V^{(1,1,1),(2)} \oplus 82V^{(1,1,1),(1,1)} \oplus 412V^{(3,1),\varnothing} \oplus 27V^{(3,1),(1)} \oplus 464V^{(2,2),\varnothing} \oplus 31V^{(2,2),(1)} \oplus 464V^{(2,1,1),\varnothing} \oplus 31V^{(2,1,1),(1)} \oplus 3V^{(3,2),\varnothing} \oplus 3V^{(3,1,1),\varnothing} \oplus 4V^{(2,2,1),\varnothing}$
$k = 8:$ $720V^{\varnothing,\varnothing} \oplus 3456V^{\varnothing,(1)} \oplus 1776V^{\varnothing,(2)} \oplus 1308V^{\varnothing,(1,1)} \oplus 856V^{\varnothing,(3)} \oplus 856V^{\varnothing,(2,1)} \oplus 276V^{\varnothing,(4)} \oplus 426V^{\varnothing,(3,1)} \oplus 276V^{\varnothing,(2,2)} \oplus 118V^{\varnothing,(4,1)} \oplus 194V^{\varnothing,(3,2)} \oplus V^{\varnothing,(4,2)} \oplus V^{\varnothing,(3,3)} \oplus 2196V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 5280V^{(1),(2)} \oplus 4496V^{(1),(1,1)} \oplus 2166V^{(1),(3)} \oplus 2166V^{(1),(2,1)} \oplus 468V^{(1),(4)} \oplus 632V^{(1),(3,1)} \oplus 528V^{(1),(2,2)} \oplus 9V^{(1),(4,1)} \oplus 11V^{(1),(3,2)} \oplus 1356V^{(2),\varnothing} \oplus 5136V^{(2),(1)} \oplus 2294V^{(2),(2)} \oplus 1862V^{(2),(1,1)} \oplus 588V^{(2),(3)} \oplus 588V^{(2),(2,1)} \oplus 27V^{(2),(4)} \oplus 35V^{(2),(3,1)} \oplus 33V^{(2),(2,2)} \oplus 1356V^{(1,1),\varnothing} \oplus 5136V^{(1,1),(1)} \oplus 2294V^{(1,1),(2)} \oplus 1862V^{(1,1),(1,1)} \oplus 588V^{(1,1),(3)} \oplus 588V^{(1,1),(2,1)} \oplus 27V^{(1,1),(4)} \oplus 35V^{(1,1),(3,1)} \oplus 33V^{(1,1),(2,2)} \oplus 428V^{(3),\varnothing} \oplus 1794V^{(3),(1)} \oplus 460V^{(3),(2)} \oplus 388V^{(3),(1,1)} \oplus 47V^{(3),(3)} \oplus 47V^{(3),(2,1)} \oplus 948V^{(2,1),\varnothing} \oplus 2466V^{(2,1),(1)} \oplus 692V^{(2,1),(2)} \oplus 524V^{(2,1),(1,1)} \oplus 67V^{(2,1),(3)} \oplus 67V^{(2,1),(2,1)} \oplus 428V^{(1,1,1),\varnothing} \oplus 1794V^{(1,1,1),(1)} \oplus 484V^{(1,1,1),(2)} \oplus 412V^{(1,1,1),(1,1)} \oplus 59V^{(1,1,1),(3)} \oplus 59V^{(1,1,1),(2,1)} \oplus 384V^{(3,1),\varnothing} \oplus 552V^{(3,1),(1)} \oplus 23V^{(3,1),(2)} \oplus 19V^{(3,1),(1,1)} \oplus 384V^{(2,2),\varnothing} \oplus 592V^{(2,2),(1)} \oplus 29V^{(2,2),(2)} \oplus 23V^{(2,2),(1,1)} \oplus 384V^{(2,1,1),\varnothing} \oplus 592V^{(2,1,1),(1)} \oplus 29V^{(2,1,1),(2)} \oplus 23V^{(2,1,1),(1,1)} \oplus 104V^{(3,2),\varnothing} \oplus 7V^{(3,2),(1)} \oplus 104V^{(3,1,1),\varnothing} \oplus 7V^{(3,1,1),(1)} \oplus 180V^{(2,2,1),\varnothing} \oplus 9V^{(2,2,1),(1)} \oplus V^{(3,2,1),\varnothing} \oplus V^{(2,2,2),\varnothing}$
$k = 7:$ $441V^{\varnothing,(1)} \oplus 336V^{\varnothing,(2)} \oplus 336V^{\varnothing,(1,1)} \oplus 168V^{\varnothing,(3)} \oplus 168V^{\varnothing,(2,1)} \oplus 84V^{\varnothing,(4)} \oplus 84V^{\varnothing,(3,1)} \oplus 84V^{\varnothing,(2,2)} \oplus 42V^{\varnothing,(4,1)} \oplus 42V^{\varnothing,(3,2)} \oplus 21V^{\varnothing,(4,2)} \oplus 21V^{\varnothing,(3,3)} \oplus 196V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2580V^{(1),(1,1)} \oplus 1360V^{(1),(3)} \oplus 1360V^{(1),(2,1)} \oplus 550V^{(1),(4)} \oplus 650V^{(1),(3,1)} \oplus 550V^{(1),(2,2)} \oplus 204V^{(1),(4,1)} \oplus 256V^{(1),(3,2)} \oplus 3V^{(1),(4,2)} \oplus 3V^{(1),(3,3)} \oplus 126V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1580V^{(2),(2)} \oplus 1352V^{(2),(1,1)} \oplus 738V^{(2),(3)} \oplus 738V^{(2),(2,1)} \oplus 168V^{(2),(4)} \oplus 232V^{(2),(3,1)} \oplus 192V^{(2),(2,2)} \oplus 9V^{(2),(4,1)} \oplus 11V^{(2),(3,2)} \oplus 126V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1580V^{(1,1),(2)} \oplus 1352V^{(1,1),(1,1)} \oplus 738V^{(1,1),(3)} \oplus 738V^{(1,1),(2,1)} \oplus 168V^{(1,1),(4)} \oplus 232V^{(1,1),(3,1)} \oplus 192V^{(1,1),(2,2)} \oplus 9V^{(1,1),(4,1)} \oplus 11V^{(1,1),(3,2)} \oplus 84V^{(3),\varnothing} \oplus 1200V^{(3),(1)} \oplus 630V^{(3),(2)} \oplus 552V^{(3),(1,1)} \oplus 176V^{(3),(3)} \oplus 176V^{(3),(2,1)} \oplus 12V^{(3),(4)} \oplus 17V^{(3),(3,1)} \oplus 16V^{(3),(2,2)} \oplus 84V^{(2,1),\varnothing} \oplus 1520V^{(2,1),(1)} \oplus 882V^{(2,1),(2)} \oplus 684V^{(2,1),(1,1)} \oplus 268V^{(2,1),(3)} \oplus$

Table 126: Table for $\lambda = (3,2,2)$, $\mu = (4,2,1)$:

$k = 14: \quad 373V^{\varnothing,\varnothing}$
$k = 13: \quad 9415V^{\varnothing,\varnothing} \oplus 659V^{\varnothing,(1)} \oplus 736V^{(1),\varnothing}$
$k = 12: \quad 16760V^{\varnothing,\varnothing} \oplus 9288V^{\varnothing,(1)} \oplus 186V^{\varnothing,(2)} \oplus 184V^{\varnothing,(1,1)} \oplus 9852V^{(1),\varnothing} \oplus 1823V^{(1),(1)} \oplus 174V^{(2),\varnothing} \oplus 174V^{(1,1),\varnothing}$
$k = 11: \quad 16837V^{\varnothing,\varnothing} \oplus 15174V^{\varnothing,(1)} \oplus 3642V^{\varnothing,(2)} \oplus 3434V^{\varnothing,(1,1)} \oplus 48V^{\varnothing,(3)} \oplus 51V^{\varnothing,(2,1)} \oplus 39V^{\varnothing,(1,1,1)} \oplus 16836V^{(1),\varnothing} \oplus 13304V^{(1),(1)} \oplus 557V^{(1),(2)} \oplus 551V^{(1),(1,1)} \oplus 3598V^{(2),\varnothing} \oplus 647V^{(2),(1)} \oplus 3598V^{(1,1),\varnothing} \oplus 647V^{(1,1),(1)} \oplus 34V^{(3),\varnothing} \oplus 44V^{(2,1),\varnothing} \oplus 40V^{(1,1,1),\varnothing}$
$k = 10: \quad 12785V^{\varnothing,\varnothing} \oplus 13538V^{\varnothing,(1)} \oplus 5382V^{\varnothing,(2)} \oplus 5082V^{\varnothing,(1,1)} \oplus 1310V^{\varnothing,(3)} \oplus 1718V^{\varnothing,(2,1)} \oplus 842V^{\varnothing,(1,1,1)} \oplus 11V^{\varnothing,(4)} \oplus 15V^{\varnothing,(3,1)} \oplus 12V^{\varnothing,(2,2)} \oplus 12V^{\varnothing,(2,1,1)} \oplus 15998V^{(1),\varnothing} \oplus 21038V^{(1),(1)} \oplus 4984V^{(1),(2)} \oplus 4744V^{(1),(1,1)} \oplus 149V^{(1),(3)} \oplus 157V^{(1),(2,1)} \oplus 123V^{(1),(1,1,1)} \oplus 5674V^{(2),\varnothing} \oplus 4696V^{(2),(1)} \oplus 365V^{(2),(2)} \oplus 359V^{(2),(1,1)} \oplus 5674V^{(1,1),\varnothing} \oplus 4696V^{(1,1),(1)} \oplus 365V^{(1,1),(2)} \oplus 359V^{(1,1),(1,1)} \oplus 922V^{(3),\varnothing} \oplus 135V^{(3),(1)} \oplus 1694V^{(2,1),\varnothing} \oplus 169V^{(2,1),(1)} \oplus 982V^{(1,1,1),\varnothing} \oplus 159V^{(1,1,1),(1)} \oplus 10V^{(3,1),\varnothing} \oplus 12V^{(2,2),\varnothing} \oplus 12V^{(2,1,1),\varnothing}$
$k = 9: \quad 6765V^{\varnothing,\varnothing} \oplus 8634V^{\varnothing,(1)} \oplus 3896V^{\varnothing,(2)} \oplus 3736V^{\varnothing,(1,1)} \oplus 1578V^{\varnothing,(3)} \oplus 2128V^{\varnothing,(2,1)} \oplus 1028V^{\varnothing,(1,1,1)} \oplus 340V^{\varnothing,(4)} \oplus 696V^{\varnothing,(3,1)} \oplus 492V^{\varnothing,(2,2)} \oplus 492V^{\varnothing,(2,1,1)} \oplus 4V^{\varnothing,(4,1)} \oplus 4V^{\varnothing,(3,2)} \oplus 4V^{\varnothing,(3,1,1)} \oplus 3V^{\varnothing,(2,2,1)} \oplus 11665V^{(1),\varnothing} \oplus 18260V^{(1),(1)} \oplus 7278V^{(1),(2)} \oplus 6954V^{(1),(1,1)} \oplus 1752V^{(1),(3)} \oplus 2080V^{(1),(2,1)} \oplus 1352V^{(1),(1,1,1)} \oplus 33V^{(1),(4)} \oplus 43V^{(1),(3,1)} \oplus 35V^{(1),(2,2)} \oplus 35V^{(1),(2,1,1)} \oplus 4520V^{(2),\varnothing} \oplus 6954V^{(2),(1)} \oplus 1892V^{(2),(2)} \oplus 1796V^{(2),(1,1)} \oplus 125V^{(2),(3)} \oplus 133V^{(2),(2,1)} \oplus 99V^{(2),(1,1,1)} \oplus 4520V^{(1,1),\varnothing} \oplus 6954V^{(1,1),(1)} \oplus 1892V^{(1,1),(2)} \oplus 1796V^{(1,1),(1,1)} \oplus 125V^{(1,1),(3)} \oplus 133V^{(1,1),(2,1)} \oplus 99V^{(1,1),(1,1,1)} \oplus 1280V^{(3),\varnothing} \oplus 1304V^{(3),(1)} \oplus 115V^{(3),(2)} \oplus 111V^{(3),(1,1)} \oplus 2280V^{(2,1),\varnothing} \oplus 1936V^{(2,1),(1)} \oplus 151V^{(2,1),(2)} \oplus 145V^{(2,1),(1,1)} \oplus 1280V^{(1,1,1),\varnothing} \oplus 1400V^{(1,1,1),(1)} \oplus 139V^{(1,1,1),(2)} \oplus 135V^{(1,1,1),(1,1)} \oplus 496V^{(3,1),\varnothing} \oplus 35V^{(3,1),(1)} \oplus 548V^{(2,2),\varnothing} \oplus 41V^{(2,2),(1)} \oplus 548V^{(2,1,1),\varnothing} \oplus 41V^{(2,1,1),(1)} \oplus 3V^{(3,2),\varnothing} \oplus 3V^{(3,1,1),\varnothing} \oplus 4V^{(2,2,1),\varnothing}$
$k = 8: \quad 1455V^{\varnothing,\varnothing} \oplus 3456V^{\varnothing,(1)} \oplus 1776V^{\varnothing,(2)} \oplus 1776V^{\varnothing,(1,1)} \oplus 856V^{\varnothing,(3)} \oplus 1116V^{\varnothing,(2,1)} \oplus 596V^{\varnothing,(1,1,1)} \oplus 276V^{\varnothing,(4)} \oplus 576V^{\varnothing,(3,1)} \oplus 426V^{\varnothing,(2,2)} \oplus 426V^{\varnothing,(2,1,1)} \oplus 194V^{\varnothing,(4,1)} \oplus 194V^{\varnothing,(3,2)} \oplus 194V^{\varnothing,(3,1,1)} \oplus 118V^{\varnothing,(2,2,1)} \oplus V^{\varnothing,(4,2)} \oplus V^{\varnothing,(4,1,1)} \oplus V^{\varnothing,(3,2,1)} \oplus 5640V^{(1),\varnothing} \oplus 12068V^{(1),(1)} \oplus 5424V^{(1),(2)} \oplus 5280V^{(1),(1,1)} \oplus 2274V^{(1),(3)} \oplus 2682V^{(1),(2,1)} \oplus 1866V^{(1),(1,1,1)} \oplus 528V^{(1),(4)} \oplus 796V^{(1),(3,1)} \oplus 632V^{(1),(2,2)} \oplus 632V^{(1),(2,1,1)} \oplus 11V^{(1),(4,1)} \oplus 11V^{(1),(3,2)} \oplus 11V^{(1),(3,1,1)} \oplus 9V^{(1),(2,2,1)} \oplus 2511V^{(2),\varnothing} \oplus 5280V^{(2),(1)} \oplus 2474V^{(2),(2)} \oplus 2366V^{(2),(1,1)} \oplus 672V^{(2),(3)} \oplus 800V^{(2),(2,1)} \oplus 508V^{(2),(1,1,1)} \oplus 33V^{(2),(4)} \oplus 43V^{(2),(3,1)} \oplus 35V^{(2),(2,2)} \oplus 35V^{(2),(2,1,1)} \oplus 2511V^{(1,1),\varnothing} \oplus 5280V^{(1,1),(1)} \oplus 2474V^{(1,1),(2)} \oplus 2366V^{(1,1),(1,1)} \oplus 672V^{(1,1),(3)} \oplus 800V^{(1,1),(2,1)} \oplus 508V^{(1,1),(1,1,1)} \oplus 33V^{(1,1),(4)} \oplus 43V^{(1,1),(3,1)} \oplus 35V^{(1,1),(2,2)} \oplus 35V^{(1,1),(2,1,1)} \oplus 820V^{(3),\varnothing} \oplus 1866V^{(3),(1)} \oplus 516V^{(3),(2)} \oplus 484V^{(3),(1,1)} \oplus 57V^{(3),(3)} \oplus 62V^{(3),(2,1)} \oplus 46V^{(3),(1,1,1)} \oplus 1340V^{(2,1),\varnothing} \oplus 2574V^{(2,1),(1)} \oplus 788V^{(2,1),(2)} \oplus 740V^{(2,1),(1,1)} \oplus 85V^{(2,1),(3)} \oplus 94V^{(2,1),(2,1)} \oplus 64V^{(2,1),(1,1,1)} \oplus 820V^{(1,1,1),\varnothing} \oplus 1866V^{(1,1,1),(1)} \oplus 564V^{(1,1,1),(2)} \oplus 532V^{(1,1,1),(1,1)} \oplus 75V^{(1,1,1),(3)} \oplus 80V^{(1,1,1),(2,1)} \oplus 58V^{(1,1,1),(1,1,1)} \oplus 510V^{(3,1),\varnothing} \oplus 572V^{(3,1),(1)} \oplus 37V^{(3,1),(2)} \oplus 35V^{(3,1),(1,1)} \oplus 510V^{(2,2),\varnothing} \oplus 632V^{(2,2),(1)} \oplus 45V^{(2,2),(2)} \oplus 41V^{(2,2),(1,1)} \oplus 510V^{(2,1,1),\varnothing} \oplus 632V^{(2,1,1),(1)} \oplus 45V^{(2,1,1),(2)} \oplus 41V^{(2,1,1),(1,1)} \oplus 146V^{(3,2),\varnothing} \oplus 9V^{(3,2),(1)} \oplus 146V^{(3,1,1),\varnothing} \oplus 9V^{(3,1,1),(1)} \oplus 222V^{(2,2,1),\varnothing} \oplus 11V^{(2,2,1),(1)} \oplus V^{(3,2,1),\varnothing} \oplus V^{(2,2,2),\varnothing}$
$k = 7: \quad 441V^{\varnothing,(1)} \oplus 336V^{\varnothing,(2)} \oplus 336V^{\varnothing,(1,1)} \oplus 168V^{\varnothing,(3)} \oplus 168V^{\varnothing,(2,1)} \oplus 168V^{\varnothing,(1,1,1)} \oplus 84V^{\varnothing,(4)} \oplus 84V^{\varnothing,(3,1)} \oplus 84V^{\varnothing,(2,2)} \oplus 84V^{\varnothing,(2,1,1)} \oplus 42V^{\varnothing,(4,1)} \oplus 42V^{\varnothing,(3,2)} \oplus 42V^{\varnothing,(3,1,1)} \oplus 42V^{\varnothing,(2,2,1)} \oplus 21V^{\varnothing,(4,2)} \oplus 21V^{\varnothing,(4,1,1)} \oplus 21V^{\varnothing,(3,2,1)} \oplus 1225V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1360V^{(1),(3)} \oplus 1520V^{(1),(2,1)} \oplus 1200V^{(1),(1,1,1)} \oplus 550V^{(1),(4)} \oplus 750V^{(1),(3,1)} \oplus 650V^{(1),(2,2)} \oplus 650V^{(1),(2,1,1)} \oplus 256V^{(1),(4,1)} \oplus 256V^{(1),(3,2)} \oplus 256V^{(1),(3,1,1)} \oplus 204V^{(1),(2,2,1)} \oplus 3V^{(1),(4,2)} \oplus 3V^{(1),(4,1,1)} \oplus$

Table 127: Table for $\lambda = (3,2,2)$, $\mu = (4,1,1,1)$:

$k = 14: \quad 63V^{\varnothing,\varnothing}$
$k = 13: \quad 8580V^{\varnothing,\varnothing} \oplus 551V^{\varnothing,(1)} \oplus 422V^{(1),\varnothing}$
$k = 12: \quad 15958V^{\varnothing,\varnothing} \oplus 8940V^{\varnothing,(1)} \oplus 156V^{\varnothing,(2)} \oplus 156V^{\varnothing,(1,1)} \oplus 8504V^{(1),\varnothing} \oplus 1511V^{(1),(1)} \oplus 134V^{(2),\varnothing} \oplus 134V^{(1,1),\varnothing}$
$k = 11: \quad 15868V^{\varnothing,\varnothing} \oplus 15042V^{\varnothing,(1)} \oplus 3226V^{\varnothing,(2)} \oplus 3226V^{\varnothing,(1,1)} \oplus 40V^{\varnothing,(3)} \oplus 42V^{\varnothing,(2,1)} \oplus 40V^{\varnothing,(1,1,1)} \oplus 14532V^{(1),\varnothing} \oplus 12776V^{(1),(1)} \oplus 461V^{(1),(2)} \oplus 461V^{(1),(1,1)} \oplus 3184V^{(2),\varnothing} \oplus 479V^{(2),(1)} \oplus 3184V^{(1,1),\varnothing} \oplus 479V^{(1,1),(1)} \oplus 31V^{(3),\varnothing} \oplus 41V^{(2,1),\varnothing} \oplus 37V^{(1,1,1),\varnothing}$
$k = 10: \quad 11420V^{\varnothing,\varnothing} \oplus 13538V^{\varnothing,(1)} \oplus 4974V^{\varnothing,(2)} \oplus 4974V^{\varnothing,(1,1)} \oplus 1146V^{\varnothing,(3)} \oplus 1250V^{\varnothing,(2,1)} \oplus 1146V^{\varnothing,(1,1,1)} \oplus 9V^{\varnothing,(4)} \oplus 12V^{\varnothing,(3,1)} \oplus 12V^{\varnothing,(2,1,1)} \oplus 9V^{\varnothing,(1,1,1,1)} \oplus 13208V^{(1),\varnothing} \oplus 20894V^{(1),(1)} \oplus 4456V^{(1),(2)} \oplus 4456V^{(1),(1,1)} \oplus 125V^{(1),(3)} \oplus 131V^{(1),(2,1)} \oplus 125V^{(1),(1,1,1)} \oplus 4924V^{(2),\varnothing} \oplus 4600V^{(2),(1)} \oplus 293V^{(2),(2)} \oplus 293V^{(2),(1,1)} \oplus 4924V^{(1,1),\varnothing} \oplus 4600V^{(1,1),(1)} \oplus 293V^{(1,1),(2)} \oplus 293V^{(1,1),(1,1)} \oplus 772V^{(3),\varnothing} \oplus 111V^{(3),(1)} \oplus 1544V^{(2,1),\varnothing} \oplus 145V^{(2,1),(1)} \oplus 832V^{(1,1,1),\varnothing} \oplus 135V^{(1,1,1),(1)} \oplus 10V^{(3,1),\varnothing} \oplus 12V^{(2,2),\varnothing} \oplus 12V^{(2,1,1),\varnothing}$
$k = 9: \quad 4980V^{\varnothing,\varnothing} \oplus 8634V^{\varnothing,(1)} \oplus 3736V^{\varnothing,(2)} \oplus 3736V^{\varnothing,(1,1)} \oplus 1478V^{\varnothing,(3)} \oplus 1578V^{\varnothing,(2,1)} \oplus 1478V^{\varnothing,(1,1,1)} \oplus 288V^{\varnothing,(4)} \oplus 492V^{\varnothing,(3,1)} \oplus 492V^{\varnothing,(2,1,1)} \oplus 288V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(4,1)} \oplus 4V^{\varnothing,(3,1,1)} \oplus 3V^{\varnothing,(2,1,1,1)} \oplus 8600V^{(1),\varnothing} \oplus 18260V^{(1),(1)} \oplus 6846V^{(1),(2)} \oplus 6846V^{(1),(1,1)} \oplus 1560V^{(1),(3)} \oplus 1680V^{(1),(2,1)} \oplus 1560V^{(1),(1,1,1)} \oplus 27V^{(1),(4)} \oplus 35V^{(1),(3,1)} \oplus 35V^{(1),(2,1,1)} \oplus 27V^{(1),(1,1,1,1)} \oplus 3680V^{(2),\varnothing} \oplus 6954V^{(2),(1)} \oplus 1676V^{(2),(2)} \oplus 1676V^{(2),(1,1)} \oplus 101V^{(2),(3)} \oplus 107V^{(2),(2,1)} \oplus 101V^{(2),(1,1,1)} \oplus 3680V^{(1,1),\varnothing} \oplus 6954V^{(1,1),(1)} \oplus 1676V^{(1,1),(2)} \oplus 1676V^{(1,1),(1,1)} \oplus 101V^{(1,1),(3)} \oplus 107V^{(1,1),(2,1)} \oplus 101V^{(1,1),(1,1,1)} \oplus 1010V^{(3),\varnothing} \oplus 1304V^{(3),(1)} \oplus 81V^{(3),(2)} \oplus 81V^{(3),(1,1)} \oplus 2010V^{(2,1),\varnothing} \oplus 1936V^{(2,1),(1)} \oplus 109V^{(2,1),(2)} \oplus 109V^{(2,1),(1,1)} \oplus 1010V^{(1,1,1),\varnothing} \oplus 1400V^{(1,1,1),(1)} \oplus 99V^{(1,1,1),(2)} \oplus 99V^{(1,1,1),(1,1)} \oplus 436V^{(3,1),\varnothing} \oplus 35V^{(3,1),(1)} \oplus 488V^{(2,2),\varnothing} \oplus 41V^{(2,2),(1)} \oplus 488V^{(2,1,1),\varnothing} \oplus 41V^{(2,1,1),(1)} \oplus 3V^{(3,2),\varnothing} \oplus 3V^{(3,1,1),\varnothing} \oplus 4V^{(2,2,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 3456V^{\varnothing,(1)} \oplus 1776V^{\varnothing,(2)} \oplus 1776V^{\varnothing,(1,1)} \oplus 856V^{\varnothing,(3)} \oplus 856V^{\varnothing,(2,1)} \oplus 856V^{\varnothing,(1,1,1)} \oplus 276V^{\varnothing,(4)} \oplus 426V^{\varnothing,(3,1)} \oplus 426V^{\varnothing,(2,1,1)} \oplus 276V^{\varnothing,(1,1,1,1)} \oplus 118V^{\varnothing,(4,1)} \oplus 194V^{\varnothing,(3,1,1)} \oplus 118V^{\varnothing,(2,1,1,1)} \oplus V^{\varnothing,(4,1,1)} \oplus V^{\varnothing,(3,1,1,1)} \oplus 3120V^{(1),\varnothing} \oplus 12068V^{(1),(1)} \oplus 5280V^{(1),(2)} \oplus 5280V^{(1),(1,1)} \oplus 2166V^{(1),(3)} \oplus 2274V^{(1),(2,1)} \oplus 2166V^{(1),(1,1,1)} \oplus 468V^{(1),(4)} \oplus 632V^{(1),(3,1)} \oplus 632V^{(1),(2,1,1)} \oplus 468V^{(1),(1,1,1,1)} \oplus 9V^{(1),(4,1)} \oplus 11V^{(1),(3,1,1)} \oplus 9V^{(1),(2,1,1,1)} \oplus 1736V^{(2),\varnothing} \oplus 5280V^{(2),(1)} \oplus 2330V^{(2),(2)} \oplus 2330V^{(2),(1,1)} \oplus 588V^{(2),(3)} \oplus 636V^{(2),(2,1)} \oplus 588V^{(2),(1,1,1)} \oplus 27V^{(2),(4)} \oplus 35V^{(2),(3,1)} \oplus 35V^{(2),(2,1,1)} \oplus 27V^{(2),(1,1,1,1)} \oplus 1736V^{(1,1),\varnothing} \oplus 5280V^{(1,1),(1)} \oplus 2330V^{(1,1),(2)} \oplus 2330V^{(1,1),(1,1)} \oplus 588V^{(1,1),(3)} \oplus 636V^{(1,1),(2,1)} \oplus 588V^{(1,1),(1,1,1)} \oplus 27V^{(1,1),(4)} \oplus 35V^{(1,1),(3,1)} \oplus 35V^{(1,1),(2,1,1)} \oplus 27V^{(1,1),(1,1,1,1)} \oplus 580V^{(3),\varnothing} \oplus 1866V^{(3),(1)} \oplus 472V^{(3),(2)} \oplus 472V^{(3),(1,1)} \oplus 47V^{(3),(3)} \oplus 51V^{(3),(2,1)} \oplus 47V^{(3),(1,1,1)} \oplus 1100V^{(2,1),\varnothing} \oplus 2574V^{(2,1),(1)} \oplus 716V^{(2,1),(2)} \oplus 716V^{(2,1),(1,1)} \oplus 67V^{(2,1),(3)} \oplus 73V^{(2,1),(2,1)} \oplus 67V^{(2,1),(1,1,1)} \oplus 580V^{(1,1,1),\varnothing} \oplus 1866V^{(1,1,1),(1)} \oplus 508V^{(1,1,1),(2)} \oplus 508V^{(1,1,1),(1,1)} \oplus 59V^{(1,1,1),(3)} \oplus 63V^{(1,1,1),(2,1)} \oplus 59V^{(1,1,1),(1,1,1)} \oplus 420V^{(3,1),\varnothing} \oplus 572V^{(3,1),(1)} \oplus 29V^{(3,1),(2)} \oplus 29V^{(3,1),(1,1)} \oplus 420V^{(2,2),\varnothing} \oplus 632V^{(2,2),(1)} \oplus 35V^{(2,2),(2)} \oplus 35V^{(2,2),(1,1)} \oplus 420V^{(2,1,1),\varnothing} \oplus 632V^{(2,1,1),(1)} \oplus 35V^{(2,1,1),(2)} \oplus 35V^{(2,1,1),(1,1)} \oplus 116V^{(3,2),\varnothing} \oplus 9V^{(3,2),(1)} \oplus 116V^{(3,1,1),\varnothing} \oplus 9V^{(3,1,1),(1)} \oplus 192V^{(2,2,1),\varnothing} \oplus 11V^{(2,2,1),(1)} \oplus V^{(3,2,1),\varnothing} \oplus V^{(2,2,2),\varnothing}$
$k = 7: \quad 441V^{\varnothing,(1)} \oplus 336V^{\varnothing,(2)} \oplus 336V^{\varnothing,(1,1)} \oplus 168V^{\varnothing,(3)} \oplus 168V^{\varnothing,(2,1)} \oplus 168V^{\varnothing,(1,1,1)} \oplus 84V^{\varnothing,(4)} \oplus 84V^{\varnothing,(3,1)} \oplus 84V^{\varnothing,(2,1,1)} \oplus 84V^{\varnothing,(1,1,1,1)} \oplus 42V^{\varnothing,(4,1)} \oplus 42V^{\varnothing,(3,1,1)} \oplus 42V^{\varnothing,(2,1,1,1)} \oplus 21V^{\varnothing,(4,1,1)} \oplus 21V^{\varnothing,(3,1,1,1)} \oplus 400V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1360V^{(1),(3)} \oplus 1360V^{(1),(2,1)} \oplus 1360V^{(1),(1,1,1)} \oplus 550V^{(1),(4)} \oplus 650V^{(1),(3,1)} \oplus 650V^{(1),(2,1,1)} \oplus 550V^{(1),(1,1,1,1)} \oplus 204V^{(1),(4,1)} \oplus 256V^{(1),(3,1,1)} \oplus 204V^{(1),(2,1,1,1)} \oplus 3V^{(1),(4,1,1)} \oplus 3V^{(1),(3,1,1,1)} \oplus 280V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1580V^{(2),(2)} \oplus 1580V^{(2),(1,1)} \oplus 738V^{(2),(3)} \oplus 774V^{(2),(2,1)} \oplus 738V^{(2),(1,1,1)} \oplus 168V^{(2),(4)} \oplus 232V^{(2),(3,1)} \oplus$

Table 128: Table for $\lambda = (3,2,2)$, $\mu = (3,3,1)$:

$k = 14: \quad 373V^{\varnothing,\varnothing}$
$k = 13: \quad 9121V^{\varnothing,\varnothing} \oplus 545V^{\varnothing,(1)} \oplus 545V^{(1),\varnothing}$
$k = 12: \quad 16172V^{\varnothing,\varnothing} \oplus 8700V^{\varnothing,(1)} \oplus 156V^{\varnothing,(2)} \oplus 156V^{\varnothing,(1,1)} \oplus 8700V^{(1),\varnothing} \oplus 1493V^{(1),(1)} \oplus 156V^{(2),\varnothing} \oplus 156V^{(1,1),\varnothing}$
$k = 11: \quad 15955V^{\varnothing,\varnothing} \oplus 14718V^{\varnothing,(1)} \oplus 3226V^{\varnothing,(2)} \oplus 3226V^{\varnothing,(1,1)} \oplus 39V^{\varnothing,(3)} \oplus 43V^{\varnothing,(2,1)} \oplus 33V^{\varnothing,(1,1,1)} \oplus 14718V^{(1),\varnothing} \oplus 12488V^{(1),(1)} \oplus 461V^{(1),(2)} \oplus 461V^{(1),(1,1)} \oplus 3226V^{(2),\varnothing} \oplus 461V^{(2),(1)} \oplus 3226V^{(1,1),\varnothing} \oplus 461V^{(1,1),(1)} \oplus 33V^{(3),\varnothing} \oplus 43V^{(2,1),\varnothing} \oplus 39V^{(1,1,1),\varnothing}$
$k = 10: \quad 11903V^{\varnothing,\varnothing} \oplus 13394V^{\varnothing,(1)} \oplus 4974V^{\varnothing,(2)} \oplus 4974V^{\varnothing,(1,1)} \oplus 842V^{\varnothing,(3)} \oplus 1554V^{\varnothing,(2,1)} \oplus 782V^{\varnothing,(1,1,1)} \oplus 12V^{\varnothing,(3,1)} \oplus 12V^{\varnothing,(2,2)} \oplus 10V^{\varnothing,(2,1,1)} \oplus 13394V^{(1),\varnothing} \oplus 20570V^{(1),(1)} \oplus 4456V^{(1),(2)} \oplus 4456V^{(1),(1,1)} \oplus 123V^{(1),(3)} \oplus 133V^{(1),(2,1)} \oplus 105V^{(1),(1,1,1)} \oplus 4974V^{(2),\varnothing} \oplus 4456V^{(2),(1)} \oplus 293V^{(2),(2)} \oplus 293V^{(2),(1,1)} \oplus 4974V^{(1,1),\varnothing} \oplus 4456V^{(1,1),(1)} \oplus 293V^{(1,1),(2)} \oplus 293V^{(1,1),(1,1)} \oplus 782V^{(3),\varnothing} \oplus 105V^{(3),(1)} \oplus 1554V^{(2,1),\varnothing} \oplus 133V^{(2,1),(1)} \oplus 842V^{(1,1,1),\varnothing} \oplus 123V^{(1,1,1),(1)} \oplus 10V^{(3,1),\varnothing} \oplus 12V^{(2,2),\varnothing} \oplus 12V^{(2,1,1),\varnothing}$
$k = 9: \quad 5883V^{\varnothing,\varnothing} \oplus 8634V^{\varnothing,(1)} \oplus 3736V^{\varnothing,(2)} \oplus 3736V^{\varnothing,(1,1)} \oplus 1028V^{\varnothing,(3)} \oplus 2028V^{\varnothing,(2,1)} \oplus 1028V^{\varnothing,(1,1,1)} \oplus 492V^{\varnothing,(3,1)} \oplus 492V^{\varnothing,(2,2)} \oplus 440V^{\varnothing,(2,1,1)} \oplus 4V^{\varnothing,(3,2)} \oplus 3V^{\varnothing,(3,1,1)} \oplus 3V^{\varnothing,(2,2,1)} \oplus 8634V^{(1),\varnothing} \oplus 18152V^{(1),(1)} \oplus 6846V^{(1),(2)} \oplus 6846V^{(1),(1,1)} \oplus 1352V^{(1),(3)} \oplus 1888V^{(1),(2,1)} \oplus 1280V^{(1),(1,1,1)} \oplus 35V^{(1),(3,1)} \oplus 35V^{(1),(2,2)} \oplus 29V^{(1),(2,1,1)} \oplus 3736V^{(2),\varnothing} \oplus 6846V^{(2),(1)} \oplus 1676V^{(2),(2)} \oplus 1676V^{(2),(1,1)} \oplus 99V^{(2),(3)} \oplus 109V^{(2),(2,1)} \oplus 81V^{(2),(1,1,1)} \oplus 3736V^{(1,1),\varnothing} \oplus 6846V^{(1,1),(1)} \oplus 1676V^{(1,1),(2)} \oplus 1676V^{(1,1),(1,1)} \oplus 99V^{(1,1),(3)} \oplus 109V^{(1,1),(2,1)} \oplus 81V^{(1,1),(1,1,1)} \oplus 1028V^{(3),\varnothing} \oplus 1280V^{(3),(1)} \oplus 81V^{(3),(2)} \oplus 81V^{(3),(1,1)} \oplus 2028V^{(2,1),\varnothing} \oplus 1888V^{(2,1),(1)} \oplus 109V^{(2,1),(2)} \oplus 109V^{(2,1),(1,1)} \oplus 1028V^{(1,1,1),\varnothing} \oplus 1352V^{(1,1,1),(1)} \oplus 99V^{(1,1,1),(2)} \oplus 99V^{(1,1,1),(1,1)} \oplus 440V^{(3,1),\varnothing} \oplus 29V^{(3,1),(1)} \oplus 492V^{(2,2),\varnothing} \oplus 35V^{(2,2),(1)} \oplus 492V^{(2,1,1),\varnothing} \oplus 35V^{(2,1,1),(1)} \oplus 3V^{(3,2),\varnothing} \oplus 3V^{(3,1,1),\varnothing} \oplus 4V^{(2,2,1),\varnothing}$
$k = 8: \quad 1161V^{\varnothing,\varnothing} \oplus 3456V^{\varnothing,(1)} \oplus 1776V^{\varnothing,(2)} \oplus 1776V^{\varnothing,(1,1)} \oplus 596V^{\varnothing,(3)} \oplus 1116V^{\varnothing,(2,1)} \oplus 596V^{\varnothing,(1,1,1)} \oplus 426V^{\varnothing,(3,1)} \oplus 426V^{\varnothing,(2,2)} \oplus 426V^{\varnothing,(2,1,1)} \oplus 194V^{\varnothing,(3,2)} \oplus 118V^{\varnothing,(3,1,1)} \oplus 118V^{\varnothing,(2,2,1)} \oplus V^{\varnothing,(3,3)} \oplus V^{\varnothing,(3,2,1)} \oplus 3456V^{(1),\varnothing} \oplus 12068V^{(1),(1)} \oplus 5280V^{(1),(2)} \oplus 5280V^{(1),(1,1)} \oplus 1866V^{(1),(3)} \oplus 2574V^{(1),(2,1)} \oplus 1866V^{(1),(1,1,1)} \oplus 632V^{(1),(3,1)} \oplus 632V^{(1),(2,2)} \oplus 572V^{(1),(2,1,1)} \oplus 11V^{(1),(3,2)} \oplus 9V^{(1),(3,1,1)} \oplus 9V^{(1),(2,2,1)} \oplus 1776V^{(2),\varnothing} \oplus 5280V^{(2),(1)} \oplus 2330V^{(2),(2)} \oplus 2330V^{(2),(1,1)} \oplus 508V^{(2),(3)} \oplus 716V^{(2),(2,1)} \oplus 472V^{(2),(1,1,1)} \oplus 35V^{(2),(3,1)} \oplus 35V^{(2),(2,2)} \oplus 29V^{(2),(2,1,1)} \oplus 1776V^{(1,1),\varnothing} \oplus 5280V^{(1,1),(1)} \oplus 2330V^{(1,1),(2)} \oplus 2330V^{(1,1),(1,1)} \oplus 508V^{(1,1),(3)} \oplus 716V^{(1,1),(2,1)} \oplus 472V^{(1,1),(1,1,1)} \oplus 35V^{(1,1),(3,1)} \oplus 35V^{(1,1),(2,2)} \oplus 29V^{(1,1),(2,1,1)} \oplus 596V^{(3),\varnothing} \oplus 1866V^{(3),(1)} \oplus 472V^{(3),(2)} \oplus 472V^{(3),(1,1)} \oplus 46V^{(3),(3)} \oplus 52V^{(3),(2,1)} \oplus 40V^{(3),(1,1,1)} \oplus 1116V^{(2,1),\varnothing} \oplus 2574V^{(2,1),(1)} \oplus 716V^{(2,1),(2)} \oplus 716V^{(2,1),(1,1)} \oplus 64V^{(2,1),(3)} \oplus 76V^{(2,1),(2,1)} \oplus 52V^{(2,1),(1,1,1)} \oplus 596V^{(1,1,1),\varnothing} \oplus 1866V^{(1,1,1),(1)} \oplus 508V^{(1,1,1),(2)} \oplus 508V^{(1,1,1),(1,1)} \oplus 58V^{(1,1,1),(3)} \oplus 64V^{(1,1,1),(2,1)} \oplus 46V^{(1,1,1),(1,1,1)} \oplus 426V^{(3,1),\varnothing} \oplus 572V^{(3,1),(1)} \oplus 29V^{(3,1),(2)} \oplus 29V^{(3,1),(1,1)} \oplus 426V^{(2,2),\varnothing} \oplus 632V^{(2,2),(1)} \oplus 35V^{(2,2),(2)} \oplus 35V^{(2,2),(1,1)} \oplus 426V^{(2,1,1),\varnothing} \oplus 632V^{(2,1,1),(1)} \oplus 35V^{(2,1,1),(2)} \oplus 35V^{(2,1,1),(1,1)} \oplus 118V^{(3,2),\varnothing} \oplus 9V^{(3,2),(1)} \oplus 118V^{(3,1,1),\varnothing} \oplus 9V^{(3,1,1),(1)} \oplus 194V^{(2,2,1),\varnothing} \oplus 11V^{(2,2,1),(1)} \oplus V^{(3,2,1),\varnothing} \oplus V^{(2,2,2),\varnothing}$
$k = 7: \quad 441V^{\varnothing,(1)} \oplus 336V^{\varnothing,(2)} \oplus 336V^{\varnothing,(1,1)} \oplus 168V^{\varnothing,(3)} \oplus 168V^{\varnothing,(2,1)} \oplus 168V^{\varnothing,(1,1,1)} \oplus 84V^{\varnothing,(3,1)} \oplus 84V^{\varnothing,(2,2)} \oplus 84V^{\varnothing,(2,1,1)} \oplus 42V^{\varnothing,(3,2)} \oplus 42V^{\varnothing,(3,1,1)} \oplus 42V^{\varnothing,(2,2,1)} \oplus 21V^{\varnothing,(3,3)} \oplus 21V^{\varnothing,(3,2,1)} \oplus 441V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1200V^{(1),(3)} \oplus 1520V^{(1),(2,1)} \oplus 1200V^{(1),(1,1,1)} \oplus 650V^{(1),(3,1)} \oplus 650V^{(1),(2,2)} \oplus 650V^{(1),(2,1,1)} \oplus 256V^{(1),(3,2)} \oplus 204V^{(1),(3,1,1)} \oplus 204V^{(1),(2,2,1)} \oplus 3V^{(1),(3,3)} \oplus 3V^{(1),(3,2,1)} \oplus 336V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1580V^{(2),(2)} \oplus 1580V^{(2),(1,1)} \oplus 630V^{(2),(3)} \oplus 882V^{(2),(2,1)} \oplus 630V^{(2),(1,1,1)} \oplus 232V^{(2),(3,1)} \oplus 232V^{(2),(2,2)} \oplus 208V^{(2),(2,1,1)} \oplus 11V^{(2),(3,2)} \oplus 9V^{(2),(3,1,1)} \oplus 9V^{(2),(2,2,1)} \oplus 336V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1580V^{(1,1),(2)} \oplus 1580V^{(1,1),(1,1)} \oplus$

Table 129: Table for $\lambda = (3,2,2)$, $\mu = (3,2,2)$:

$k = 14: \quad 839V^{\varnothing,\varnothing}$
$k = 13: \quad 9146V^{\varnothing,\varnothing} \oplus 545V^{\varnothing,(1)} \oplus 545V^{(1),\varnothing}$
$k = 12: \quad 16172V^{\varnothing,\varnothing} \oplus 8700V^{\varnothing,(1)} \oplus 156V^{\varnothing,(2)} \oplus 156V^{\varnothing,(1,1)} \oplus 8700V^{(1),\varnothing} \oplus 1493V^{(1),(1)} \oplus 156V^{(2),\varnothing} \oplus 156V^{(1,1),\varnothing}$
$k = 11: \quad 15955V^{\varnothing,\varnothing} \oplus 14718V^{\varnothing,(1)} \oplus 3226V^{\varnothing,(2)} \oplus 3226V^{\varnothing,(1,1)} \oplus 33V^{\varnothing,(3)} \oplus 43V^{\varnothing,(2,1)} \oplus 39V^{\varnothing,(1,1,1)} \oplus 14718V^{(1),\varnothing} \oplus 12488V^{(1),(1)} \oplus 461V^{(1),(2)} \oplus 461V^{(1),(1,1)} \oplus 3226V^{(2),\varnothing} \oplus 461V^{(2),(1)} \oplus 3226V^{(1,1),\varnothing} \oplus 461V^{(1,1),(1)} \oplus 33V^{(3),\varnothing} \oplus 43V^{(2,1),\varnothing} \oplus 39V^{(1,1,1),\varnothing}$
$k = 10: \quad 11903V^{\varnothing,\varnothing} \oplus 13394V^{\varnothing,(1)} \oplus 4974V^{\varnothing,(2)} \oplus 4974V^{\varnothing,(1,1)} \oplus 782V^{\varnothing,(3)} \oplus 1554V^{\varnothing,(2,1)} \oplus 842V^{\varnothing,(1,1,1)} \oplus 10V^{\varnothing,(3,1)} \oplus 12V^{\varnothing,(2,2)} \oplus 12V^{\varnothing,(2,1,1)} \oplus 13394V^{(1),\varnothing} \oplus 20570V^{(1),(1)} \oplus 4456V^{(1),(2)} \oplus 4456V^{(1),(1,1)} \oplus 105V^{(1),(3)} \oplus 133V^{(1),(2,1)} \oplus 123V^{(1),(1,1,1)} \oplus 4974V^{(2),\varnothing} \oplus 4456V^{(2),(1)} \oplus 293V^{(2),(2)} \oplus 293V^{(2),(1,1)} \oplus 4974V^{(1,1),\varnothing} \oplus 4456V^{(1,1),(1)} \oplus 293V^{(1,1),(2)} \oplus 293V^{(1,1),(1,1)} \oplus 782V^{(3),\varnothing} \oplus 105V^{(3),(1)} \oplus 1554V^{(2,1),\varnothing} \oplus 133V^{(2,1),(1)} \oplus 842V^{(1,1,1),\varnothing} \oplus 123V^{(1,1,1),(1)} \oplus 10V^{(3,1),\varnothing} \oplus 12V^{(2,2),\varnothing} \oplus 12V^{(2,1,1),\varnothing}$
$k = 9: \quad 5883V^{\varnothing,\varnothing} \oplus 8634V^{\varnothing,(1)} \oplus 3736V^{\varnothing,(2)} \oplus 3736V^{\varnothing,(1,1)} \oplus 1028V^{\varnothing,(3)} \oplus 2028V^{\varnothing,(2,1)} \oplus 1028V^{\varnothing,(1,1,1)} \oplus 440V^{\varnothing,(3,1)} \oplus 492V^{\varnothing,(2,2)} \oplus 492V^{\varnothing,(2,1,1)} \oplus 3V^{\varnothing,(3,2)} \oplus 3V^{\varnothing,(3,1,1)} \oplus 4V^{\varnothing,(2,2,1)} \oplus 8634V^{(1),\varnothing} \oplus 18152V^{(1),(1)} \oplus 6846V^{(1),(2)} \oplus 6846V^{(1),(1,1)} \oplus 1280V^{(1),(3)} \oplus 1888V^{(1),(2,1)} \oplus 1352V^{(1),(1,1,1)} \oplus 29V^{(1),(3,1)} \oplus 35V^{(1),(2,2)} \oplus 35V^{(1),(2,1,1)} \oplus 3736V^{(2),\varnothing} \oplus 6846V^{(2),(1)} \oplus 1676V^{(2),(2)} \oplus 1676V^{(2),(1,1)} \oplus 81V^{(2),(3)} \oplus 109V^{(2),(2,1)} \oplus 99V^{(2),(1,1,1)} \oplus 3736V^{(1,1),\varnothing} \oplus 6846V^{(1,1),(1)} \oplus 1676V^{(1,1),(2)} \oplus 1676V^{(1,1),(1,1)} \oplus 81V^{(1,1),(3)} \oplus 109V^{(1,1),(2,1)} \oplus 99V^{(1,1),(1,1,1)} \oplus 1028V^{(3),\varnothing} \oplus 1280V^{(3),(1)} \oplus 81V^{(3),(2)} \oplus 81V^{(3),(1,1)} \oplus 2028V^{(2,1),\varnothing} \oplus 1888V^{(2,1),(1)} \oplus 109V^{(2,1),(2)} \oplus 109V^{(2,1),(1,1)} \oplus 1028V^{(1,1,1),\varnothing} \oplus 1352V^{(1,1,1),(1)} \oplus 99V^{(1,1,1),(2)} \oplus 99V^{(1,1,1),(1,1)} \oplus 440V^{(3,1),\varnothing} \oplus 29V^{(3,1),(1)} \oplus 492V^{(2,2),\varnothing} \oplus 35V^{(2,2),(1)} \oplus 492V^{(2,1,1),\varnothing} \oplus 35V^{(2,1,1),(1)} \oplus 3V^{(3,2),\varnothing} \oplus 3V^{(3,1,1),\varnothing} \oplus 4V^{(2,2,1),\varnothing}$
$k = 8: \quad 1602V^{\varnothing,\varnothing} \oplus 3456V^{\varnothing,(1)} \oplus 1776V^{\varnothing,(2)} \oplus 1776V^{\varnothing,(1,1)} \oplus 596V^{\varnothing,(3)} \oplus 1116V^{\varnothing,(2,1)} \oplus 596V^{\varnothing,(1,1,1)} \oplus 426V^{\varnothing,(3,1)} \oplus 426V^{\varnothing,(2,2)} \oplus 426V^{\varnothing,(2,1,1)} \oplus 118V^{\varnothing,(3,2)} \oplus 118V^{\varnothing,(3,1,1)} \oplus 194V^{\varnothing,(2,2,1)} \oplus V^{\varnothing,(3,2,1)} \oplus V^{\varnothing,(2,2,2)} \oplus 3456V^{(1),\varnothing} \oplus 12068V^{(1),(1)} \oplus 5280V^{(1),(2)} \oplus 5280V^{(1),(1,1)} \oplus 1866V^{(1),(3)} \oplus 2574V^{(1),(2,1)} \oplus 1866V^{(1),(1,1,1)} \oplus 572V^{(1),(3,1)} \oplus 632V^{(1),(2,2)} \oplus 632V^{(1),(2,1,1)} \oplus 9V^{(1),(3,2)} \oplus 9V^{(1),(3,1,1)} \oplus 11V^{(1),(2,2,1)} \oplus 1776V^{(2),\varnothing} \oplus 5280V^{(2),(1)} \oplus 2330V^{(2),(2)} \oplus 2330V^{(2),(1,1)} \oplus 472V^{(2),(3)} \oplus 716V^{(2),(2,1)} \oplus 508V^{(2),(1,1,1)} \oplus 29V^{(2),(3,1)} \oplus 35V^{(2),(2,2)} \oplus 35V^{(2),(2,1,1)} \oplus 1776V^{(1,1),\varnothing} \oplus 5280V^{(1,1),(1)} \oplus 2330V^{(1,1),(2)} \oplus 2330V^{(1,1),(1,1)} \oplus 472V^{(1,1),(3)} \oplus 716V^{(1,1),(2,1)} \oplus 508V^{(1,1),(1,1,1)} \oplus 29V^{(1,1),(3,1)} \oplus 35V^{(1,1),(2,2)} \oplus 35V^{(1,1),(2,1,1)} \oplus 596V^{(3),\varnothing} \oplus 1866V^{(3),(1)} \oplus 472V^{(3),(2)} \oplus 472V^{(3),(1,1)} \oplus 40V^{(3),(3)} \oplus 52V^{(3),(2,1)} \oplus 46V^{(3),(1,1,1)} \oplus 1116V^{(2,1),\varnothing} \oplus 2574V^{(2,1),(1)} \oplus 716V^{(2,1),(2)} \oplus 716V^{(2,1),(1,1)} \oplus 52V^{(2,1),(3)} \oplus 76V^{(2,1),(2,1)} \oplus 64V^{(2,1),(1,1,1)} \oplus 596V^{(1,1,1),\varnothing} \oplus 1866V^{(1,1,1),(1)} \oplus 508V^{(1,1,1),(2)} \oplus 508V^{(1,1,1),(1,1)} \oplus 46V^{(1,1,1),(3)} \oplus 64V^{(1,1,1),(2,1)} \oplus 58V^{(1,1,1),(1,1,1)} \oplus 426V^{(3,1),\varnothing} \oplus 572V^{(3,1),(1)} \oplus 29V^{(3,1),(2)} \oplus 29V^{(3,1),(1,1)} \oplus 426V^{(2,2),\varnothing} \oplus 632V^{(2,2),(1)} \oplus 35V^{(2,2),(2)} \oplus 35V^{(2,2),(1,1)} \oplus 426V^{(2,1,1),\varnothing} \oplus 632V^{(2,1,1),(1)} \oplus 35V^{(2,1,1),(2)} \oplus 35V^{(2,1,1),(1,1)} \oplus 118V^{(3,2),\varnothing} \oplus 9V^{(3,2),(1)} \oplus 118V^{(3,1,1),\varnothing} \oplus 9V^{(3,1,1),(1)} \oplus 194V^{(2,2,1),\varnothing} \oplus 11V^{(2,2,1),(1)} \oplus V^{(3,2,1),\varnothing} \oplus V^{(2,2,2),\varnothing}$
$k = 7: \quad 441V^{\varnothing,\varnothing} \oplus 441V^{\varnothing,(1)} \oplus 336V^{\varnothing,(2)} \oplus 336V^{\varnothing,(1,1)} \oplus 168V^{\varnothing,(3)} \oplus 168V^{\varnothing,(2,1)} \oplus 168V^{\varnothing,(1,1,1)} \oplus 84V^{\varnothing,(3,1)} \oplus 84V^{\varnothing,(2,2)} \oplus 84V^{\varnothing,(2,1,1)} \oplus 42V^{\varnothing,(3,2)} \oplus 42V^{\varnothing,(3,1,1)} \oplus 42V^{\varnothing,(2,2,1)} \oplus 21V^{\varnothing,(3,2,1)} \oplus 21V^{\varnothing,(2,2,2)} \oplus 441V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1200V^{(1),(3)} \oplus 1520V^{(1),(2,1)} \oplus 1200V^{(1),(1,1,1)} \oplus 650V^{(1),(3,1)} \oplus 650V^{(1),(2,2)} \oplus 650V^{(1),(2,1,1)} \oplus 204V^{(1),(3,2)} \oplus 204V^{(1),(3,1,1)} \oplus 256V^{(1),(2,2,1)} \oplus 3V^{(1),(3,2,1)} \oplus 3V^{(1),(2,2,2)} \oplus 336V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1580V^{(2),(2)} \oplus 1580V^{(2),(1,1)} \oplus 630V^{(2),(3)} \oplus 882V^{(2),(2,1)} \oplus 630V^{(2),(1,1,1)} \oplus 208V^{(2),(3,1)} \oplus 232V^{(2),(2,2)} \oplus 232V^{(2),(2,1,1)} \oplus 9V^{(2),(3,2)} \oplus 9V^{(2),(3,1,1)} \oplus 11V^{(2),(2,2,1)} \oplus 336V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1580V^{(1,1),(2)} \oplus$

Table 130: Table for $\lambda = (3,2,2)$, $\mu = (3,2,1,1)$:

$k = 14: \quad 373V^{\varnothing,\varnothing}$
$k = 13: \quad 9415V^{\varnothing,\varnothing} \oplus 659V^{\varnothing,(1)} \oplus 736V^{(1),\varnothing}$
$k = 12: \quad 16760V^{\varnothing,\varnothing} \oplus 9288V^{\varnothing,(1)} \oplus 184V^{\varnothing,(2)} \oplus 186V^{\varnothing,(1,1)} \oplus 9852V^{(1),\varnothing} \oplus 1823V^{(1),(1)} \oplus 174V^{(2),\varnothing} \oplus 174V^{(1,1),\varnothing}$
$k = 11: \quad 16837V^{\varnothing,\varnothing} \oplus 15174V^{\varnothing,(1)} \oplus 3434V^{\varnothing,(2)} \oplus 3642V^{\varnothing,(1,1)} \oplus 39V^{\varnothing,(3)} \oplus 51V^{\varnothing,(2,1)} \oplus 48V^{\varnothing,(1,1,1)} \oplus 16836V^{(1),\varnothing} \oplus 13304V^{(1),(1)} \oplus 551V^{(1),(2)} \oplus 557V^{(1),(1,1)} \oplus 3598V^{(2),\varnothing} \oplus 647V^{(2),(1)} \oplus 3598V^{(1,1),\varnothing} \oplus 647V^{(1,1),(1)} \oplus 34V^{(3),\varnothing} \oplus 44V^{(2,1),\varnothing} \oplus 40V^{(1,1,1),\varnothing}$
$k = 10: \quad 12785V^{\varnothing,\varnothing} \oplus 13538V^{\varnothing,(1)} \oplus 5082V^{\varnothing,(2)} \oplus 5382V^{\varnothing,(1,1)} \oplus 842V^{\varnothing,(3)} \oplus 1718V^{\varnothing,(2,1)} \oplus 1310V^{\varnothing,(1,1,1)} \oplus 12V^{\varnothing,(3,1)} \oplus 12V^{\varnothing,(2,2)} \oplus 15V^{\varnothing,(2,1,1)} \oplus 11V^{\varnothing,(1,1,1,1)} \oplus 15998V^{(1),\varnothing} \oplus 21038V^{(1),(1)} \oplus 4744V^{(1),(2)} \oplus 4984V^{(1),(1,1)} \oplus 123V^{(1),(3)} \oplus 157V^{(1),(2,1)} \oplus 149V^{(1),(1,1,1)} \oplus 5674V^{(2),\varnothing} \oplus 4696V^{(2),(1)} \oplus 359V^{(2),(2)} \oplus 365V^{(2),(1,1)} \oplus 5674V^{(1,1),\varnothing} \oplus 4696V^{(1,1),(1)} \oplus 359V^{(1,1),(2)} \oplus 365V^{(1,1),(1,1)} \oplus 922V^{(3),\varnothing} \oplus 135V^{(3),(1)} \oplus 1694V^{(2,1),\varnothing} \oplus 169V^{(2,1),(1)} \oplus 982V^{(1,1,1),\varnothing} \oplus 159V^{(1,1,1),(1)} \oplus 10V^{(3,1),\varnothing} \oplus 12V^{(2,2),\varnothing} \oplus 12V^{(2,1,1),\varnothing}$
$k = 9: \quad 6765V^{\varnothing,\varnothing} \oplus 8634V^{\varnothing,(1)} \oplus 3736V^{\varnothing,(2)} \oplus 3896V^{\varnothing,(1,1)} \oplus 1028V^{\varnothing,(3)} \oplus 2128V^{\varnothing,(2,1)} \oplus 1578V^{\varnothing,(1,1,1)} \oplus 492V^{\varnothing,(3,1)} \oplus 492V^{\varnothing,(2,2)} \oplus 696V^{\varnothing,(2,1,1)} \oplus 340V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(3,2)} \oplus 4V^{\varnothing,(3,1,1)} \oplus 4V^{\varnothing,(2,2,1)} \oplus 4V^{\varnothing,(2,1,1,1)} \oplus 11665V^{(1),\varnothing} \oplus 18260V^{(1),(1)} \oplus 6954V^{(1),(2)} \oplus 7278V^{(1),(1,1)} \oplus 1352V^{(1),(3)} \oplus 2080V^{(1),(2,1)} \oplus 1752V^{(1),(1,1,1)} \oplus 35V^{(1),(3,1)} \oplus 35V^{(1),(2,2)} \oplus 43V^{(1),(2,1,1)} \oplus 33V^{(1),(1,1,1,1)} \oplus 4520V^{(2),\varnothing} \oplus 6954V^{(2),(1)} \oplus 1796V^{(2),(2)} \oplus 1892V^{(2),(1,1)} \oplus 99V^{(2),(3)} \oplus 133V^{(2),(2,1)} \oplus 125V^{(2),(1,1,1)} \oplus 4520V^{(1,1),\varnothing} \oplus 6954V^{(1,1),(1)} \oplus 1796V^{(1,1),(2)} \oplus 1892V^{(1,1),(1,1)} \oplus 99V^{(1,1),(3)} \oplus 133V^{(1,1),(2,1)} \oplus 125V^{(1,1),(1,1,1)} \oplus 1280V^{(3),\varnothing} \oplus 1304V^{(3),(1)} \oplus 111V^{(3),(2)} \oplus 115V^{(3),(1,1)} \oplus 2280V^{(2,1),\varnothing} \oplus 1936V^{(2,1),(1)} \oplus 145V^{(2,1),(2)} \oplus 151V^{(2,1),(1,1)} \oplus 1280V^{(1,1,1),\varnothing} \oplus 1400V^{(1,1,1),(1)} \oplus 135V^{(1,1,1),(2)} \oplus 139V^{(1,1,1),(1,1)} \oplus 496V^{(3,1),\varnothing} \oplus 35V^{(3,1),(1)} \oplus 548V^{(2,2),\varnothing} \oplus 41V^{(2,2),(1)} \oplus 548V^{(2,1,1),\varnothing} \oplus 41V^{(2,1,1),(1)} \oplus 3V^{(3,2),\varnothing} \oplus 3V^{(3,1,1),\varnothing} \oplus 4V^{(2,2,1),\varnothing}$
$k = 8: \quad 1455V^{\varnothing,\varnothing} \oplus 3456V^{\varnothing,(1)} \oplus 1776V^{\varnothing,(2)} \oplus 1776V^{\varnothing,(1,1)} \oplus 596V^{\varnothing,(3)} \oplus 1116V^{\varnothing,(2,1)} \oplus 856V^{\varnothing,(1,1,1)} \oplus 426V^{\varnothing,(3,1)} \oplus 426V^{\varnothing,(2,2)} \oplus 576V^{\varnothing,(2,1,1)} \oplus 276V^{\varnothing,(1,1,1,1)} \oplus 118V^{\varnothing,(3,2)} \oplus 194V^{\varnothing,(3,1,1)} \oplus 194V^{\varnothing,(2,2,1)} \oplus 194V^{\varnothing,(2,1,1,1)} \oplus V^{\varnothing,(3,2,1)} \oplus V^{\varnothing,(3,1,1,1)} \oplus V^{\varnothing,(2,2,1,1)} \oplus 5640V^{(1),\varnothing} \oplus 12068V^{(1),(1)} \oplus 5280V^{(1),(2)} \oplus 5424V^{(1),(1,1)} \oplus 1866V^{(1),(3)} \oplus 2682V^{(1),(2,1)} \oplus 2274V^{(1),(1,1,1)} \oplus 632V^{(1),(3,1)} \oplus 632V^{(1),(2,2)} \oplus 796V^{(1),(2,1,1)} \oplus 528V^{(1),(1,1,1,1)} \oplus 9V^{(1),(3,2)} \oplus 11V^{(1),(3,1,1)} \oplus 11V^{(1),(2,2,1)} \oplus 11V^{(1),(2,1,1,1)} \oplus 2511V^{(2),\varnothing} \oplus 5280V^{(2),(1)} \oplus 2366V^{(2),(2)} \oplus 2474V^{(2),(1,1)} \oplus 508V^{(2),(3)} \oplus 800V^{(2),(2,1)} \oplus 672V^{(2),(1,1,1)} \oplus 35V^{(2),(3,1)} \oplus 35V^{(2),(2,2)} \oplus 43V^{(2),(2,1,1)} \oplus 33V^{(2),(1,1,1,1)} \oplus 2511V^{(1,1),\varnothing} \oplus 5280V^{(1,1),(1)} \oplus 2366V^{(1,1),(2)} \oplus 2474V^{(1,1),(1,1)} \oplus 508V^{(1,1),(3)} \oplus 800V^{(1,1),(2,1)} \oplus 672V^{(1,1),(1,1,1)} \oplus 35V^{(1,1),(3,1)} \oplus 35V^{(1,1),(2,2)} \oplus 43V^{(1,1),(2,1,1)} \oplus 33V^{(1,1),(1,1,1,1)} \oplus 820V^{(3),\varnothing} \oplus 1866V^{(3),(1)} \oplus 484V^{(3),(2)} \oplus 516V^{(3),(1,1)} \oplus 46V^{(3),(3)} \oplus 62V^{(3),(2,1)} \oplus 57V^{(3),(1,1,1)} \oplus 1340V^{(2,1),\varnothing} \oplus 2574V^{(2,1),(1)} \oplus 740V^{(2,1),(2)} \oplus 788V^{(2,1),(1,1)} \oplus 64V^{(2,1),(3)} \oplus 94V^{(2,1),(2,1)} \oplus 85V^{(2,1),(1,1,1)} \oplus 820V^{(1,1,1),\varnothing} \oplus 1866V^{(1,1,1),(1)} \oplus 532V^{(1,1,1),(2)} \oplus 564V^{(1,1,1),(1,1)} \oplus 58V^{(1,1,1),(3)} \oplus 80V^{(1,1,1),(2,1)} \oplus 75V^{(1,1,1),(1,1,1)} \oplus 510V^{(3,1),\varnothing} \oplus 572V^{(3,1),(1)} \oplus 35V^{(3,1),(2)} \oplus 37V^{(3,1),(1,1)} \oplus 510V^{(2,2),\varnothing} \oplus 632V^{(2,2),(1)} \oplus 41V^{(2,2),(2)} \oplus 45V^{(2,2),(1,1)} \oplus 510V^{(2,1,1),\varnothing} \oplus 632V^{(2,1,1),(1)} \oplus 41V^{(2,1,1),(2)} \oplus 45V^{(2,1,1),(1,1)} \oplus 146V^{(3,2),\varnothing} \oplus 9V^{(3,2),(1)} \oplus 146V^{(3,1,1),\varnothing} \oplus 9V^{(3,1,1),(1)} \oplus 222V^{(2,2,1),\varnothing} \oplus 11V^{(2,2,1),(1)} \oplus V^{(3,2,1),\varnothing} \oplus V^{(2,2,2),\varnothing}$
$k = 7: \quad 441V^{\varnothing,(1)} \oplus 336V^{\varnothing,(2)} \oplus 336V^{\varnothing,(1,1)} \oplus 168V^{\varnothing,(3)} \oplus 168V^{\varnothing,(2,1)} \oplus 168V^{\varnothing,(1,1,1)} \oplus 84V^{\varnothing,(3,1)} \oplus 84V^{\varnothing,(2,2)} \oplus 84V^{\varnothing,(2,1,1)} \oplus 84V^{\varnothing,(1,1,1,1)} \oplus 42V^{\varnothing,(3,2)} \oplus 42V^{\varnothing,(3,1,1)} \oplus 42V^{\varnothing,(2,2,1)} \oplus 42V^{\varnothing,(2,1,1,1)} \oplus 21V^{\varnothing,(3,2,1)} \oplus 21V^{\varnothing,(3,1,1,1)} \oplus 21V^{\varnothing,(2,2,1,1)} \oplus 1225V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1200V^{(1),(3)} \oplus 1520V^{(1),(2,1)} \oplus 1360V^{(1),(1,1,1)} \oplus 650V^{(1),(3,1)} \oplus 650V^{(1),(2,2)} \oplus 750V^{(1),(2,1,1)} \oplus 550V^{(1),(1,1,1,1)} \oplus 204V^{(1),(3,2)} \oplus 256V^{(1),(3,1,1)} \oplus 256V^{(1),(2,2,1)} \oplus 256V^{(1),(2,1,1,1)} \oplus 3V^{(1),(3,2,1)} \oplus$

Table 131: Table for $\lambda = (3,2,2)$, $\mu = (3,1,1,1,1)$:

$k = 14: \quad 63V^{\varnothing,\varnothing}$
$k = 13: \quad 8475V^{\varnothing,\varnothing} \oplus 545V^{\varnothing,(1)} \oplus 314V^{(1),\varnothing}$
$k = 12: \quad 15748V^{\varnothing,\varnothing} \oplus 8700V^{\varnothing,(1)} \oplus 148V^{\varnothing,(2)} \oplus 156V^{\varnothing,(1,1)} \oplus 8040V^{(1),\varnothing} \oplus 1493V^{(1),(1)} \oplus 117V^{(2),\varnothing} \oplus 117V^{(1,1),\varnothing}$
$k = 11: \quad 15553V^{\varnothing,\varnothing} \oplus 14718V^{\varnothing,(1)} \oplus 2898V^{\varnothing,(2)} \oplus 3226V^{\varnothing,(1,1)} \oplus 31V^{\varnothing,(3)} \oplus 40V^{\varnothing,(2,1)} \oplus 42V^{\varnothing,(1,1,1)} \oplus 13764V^{(1),\varnothing} \oplus 12488V^{(1),(1)} \oplus 437V^{(1),(2)} \oplus 461V^{(1),(1,1)} \oplus 3046V^{(2),\varnothing} \oplus 461V^{(2),(1)} \oplus 3046V^{(1,1),\varnothing} \oplus 461V^{(1,1),(1)} \oplus 30V^{(3),\varnothing} \oplus 40V^{(2,1),\varnothing} \oplus 36V^{(1,1,1),\varnothing}$
$k = 10: \quad 11210V^{\varnothing,\varnothing} \oplus 13394V^{\varnothing,(1)} \oplus 4566V^{\varnothing,(2)} \oplus 4974V^{\varnothing,(1,1)} \oplus 678V^{\varnothing,(3)} \oplus 1146V^{\varnothing,(2,1)} \oplus 1250V^{\varnothing,(1,1,1)} \oplus 9V^{\varnothing,(3,1)} \oplus 12V^{\varnothing,(2,1,1)} \oplus 12V^{\varnothing,(1,1,1,1)} \oplus 12278V^{(1),\varnothing} \oplus 20570V^{(1),(1)} \oplus 4072V^{(1),(2)} \oplus 4456V^{(1),(1,1)} \oplus 99V^{(1),(3)} \oplus 125V^{(1),(2,1)} \oplus 131V^{(1),(1,1,1)} \oplus 4674V^{(2),\varnothing} \oplus 4456V^{(2),(1)} \oplus 269V^{(2),(2)} \oplus 293V^{(2),(1,1)} \oplus 4674V^{(1,1),\varnothing} \oplus 4456V^{(1,1),(1)} \oplus 269V^{(1,1),(2)} \oplus 293V^{(1,1),(1,1)} \oplus 722V^{(3),\varnothing} \oplus 105V^{(3),(1)} \oplus 1494V^{(2,1),\varnothing} \oplus 133V^{(2,1),(1)} \oplus 782V^{(1,1,1),\varnothing} \oplus 123V^{(1,1,1),(1)} \oplus 10V^{(3,1),\varnothing} \oplus 12V^{(2,2),\varnothing} \oplus 12V^{(2,1,1),\varnothing}$
$k = 9: \quad 4875V^{\varnothing,\varnothing} \oplus 8634V^{\varnothing,(1)} \oplus 3576V^{\varnothing,(2)} \oplus 3736V^{\varnothing,(1,1)} \oplus 928V^{\varnothing,(3)} \oplus 1478V^{\varnothing,(2,1)} \oplus 1578V^{\varnothing,(1,1,1)} \oplus 288V^{\varnothing,(3,1)} \oplus 492V^{\varnothing,(2,1,1)} \oplus 492V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(3,1,1)} \oplus 4V^{\varnothing,(2,1,1,1)} \oplus 3V^{\varnothing,(1,1,1,1,1)} \oplus 7425V^{(1),\varnothing} \oplus 18152V^{(1),(1)} \oplus 6414V^{(1),(2)} \oplus 6846V^{(1),(1,1)} \oplus 1160V^{(1),(3)} \oplus 1560V^{(1),(2,1)} \oplus 1680V^{(1),(1,1,1)} \oplus 27V^{(1),(3,1)} \oplus 35V^{(1),(2,1,1)} \oplus 35V^{(1),(1,1,1,1)} \oplus 3400V^{(2),\varnothing} \oplus 6846V^{(2),(1)} \oplus 1508V^{(2),(2)} \oplus 1676V^{(2),(1,1)} \oplus 75V^{(2),(3)} \oplus 101V^{(2),(2,1)} \oplus 107V^{(2),(1,1,1)} \oplus 3400V^{(1,1),\varnothing} \oplus 6846V^{(1,1),(1)} \oplus 1508V^{(1,1),(2)} \oplus 1676V^{(1,1),(1,1)} \oplus 75V^{(1,1),(3)} \oplus 101V^{(1,1),(2,1)} \oplus 107V^{(1,1),(1,1,1)} \oplus 920V^{(3),\varnothing} \oplus 1280V^{(3),(1)} \oplus 71V^{(3),(2)} \oplus 81V^{(3),(1,1)} \oplus 1920V^{(2,1),\varnothing} \oplus 1888V^{(2,1),(1)} \oplus 91V^{(2,1),(2)} \oplus 109V^{(2,1),(1,1)} \oplus 920V^{(1,1,1),\varnothing} \oplus 1352V^{(1,1,1),(1)} \oplus 83V^{(1,1,1),(2)} \oplus 99V^{(1,1,1),(1,1)} \oplus 416V^{(3,1),\varnothing} \oplus 29V^{(3,1),(1)} \oplus 468V^{(2,2),\varnothing} \oplus 35V^{(2,2),(1)} \oplus 468V^{(2,1,1),\varnothing} \oplus 35V^{(2,1,1),(1)} \oplus 3V^{(3,2),\varnothing} \oplus 3V^{(3,1,1),\varnothing} \oplus 4V^{(2,2,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 3456V^{\varnothing,(1)} \oplus 1776V^{\varnothing,(2)} \oplus 1776V^{\varnothing,(1,1)} \oplus 596V^{\varnothing,(3)} \oplus 856V^{\varnothing,(2,1)} \oplus 856V^{\varnothing,(1,1,1)} \oplus 276V^{\varnothing,(3,1)} \oplus 426V^{\varnothing,(2,1,1)} \oplus 426V^{\varnothing,(1,1,1,1)} \oplus 118V^{\varnothing,(3,1,1)} \oplus 194V^{\varnothing,(2,1,1,1)} \oplus 118V^{\varnothing,(1,1,1,1,1)} \oplus V^{\varnothing,(3,1,1,1)} \oplus V^{\varnothing,(2,1,1,1,1)} \oplus 2430V^{(1),\varnothing} \oplus 12068V^{(1),(1)} \oplus 5136V^{(1),(2)} \oplus 5280V^{(1),(1,1)} \oplus 1758V^{(1),(3)} \oplus 2166V^{(1),(2,1)} \oplus 2274V^{(1),(1,1,1)} \oplus 468V^{(1),(3,1)} \oplus 632V^{(1),(2,1,1)} \oplus 632V^{(1),(1,1,1,1)} \oplus 9V^{(1),(3,1,1)} \oplus 11V^{(1),(2,1,1,1)} \oplus 9V^{(1),(1,1,1,1,1)} \oplus 1461V^{(2),\varnothing} \oplus 5280V^{(2),(1)} \oplus 2186V^{(2),(2)} \oplus 2330V^{(2),(1,1)} \oplus 424V^{(2),(3)} \oplus 588V^{(2),(2,1)} \oplus 636V^{(2),(1,1,1)} \oplus 27V^{(2),(3,1)} \oplus 35V^{(2),(2,1,1)} \oplus 35V^{(2),(1,1,1,1)} \oplus 1461V^{(1,1),\varnothing} \oplus 5280V^{(1,1),(1)} \oplus 2186V^{(1,1),(2)} \oplus 2330V^{(1,1),(1,1)} \oplus 424V^{(1,1),(3)} \oplus 588V^{(1,1),(2,1)} \oplus 636V^{(1,1),(1,1,1)} \oplus 27V^{(1,1),(3,1)} \oplus 35V^{(1,1),(2,1,1)} \oplus 35V^{(1,1),(1,1,1,1)} \oplus 500V^{(3),\varnothing} \oplus 1866V^{(3),(1)} \oplus 428V^{(3),(2)} \oplus 472V^{(3),(1,1)} \oplus 36V^{(3),(3)} \oplus 47V^{(3),(2,1)} \oplus 51V^{(3),(1,1,1)} \oplus 1020V^{(2,1),\varnothing} \oplus 2574V^{(2,1),(1)} \oplus 644V^{(2,1),(2)} \oplus 716V^{(2,1),(1,1)} \oplus 46V^{(2,1),(3)} \oplus 67V^{(2,1),(2,1)} \oplus 73V^{(2,1),(1,1,1)} \oplus 500V^{(1,1,1),\varnothing} \oplus 1866V^{(1,1,1),(1)} \oplus 452V^{(1,1,1),(2)} \oplus 508V^{(1,1,1),(1,1)} \oplus 42V^{(1,1,1),(3)} \oplus 59V^{(1,1,1),(2,1)} \oplus 63V^{(1,1,1),(1,1,1)} \oplus 390V^{(3,1),\varnothing} \oplus 572V^{(3,1),(1)} \oplus 21V^{(3,1),(2)} \oplus 29V^{(3,1),(1,1)} \oplus 390V^{(2,2),\varnothing} \oplus 632V^{(2,2),(1)} \oplus 25V^{(2,2),(2)} \oplus 35V^{(2,2),(1,1)} \oplus 390V^{(2,1,1),\varnothing} \oplus 632V^{(2,1,1),(1)} \oplus 25V^{(2,1,1),(2)} \oplus 35V^{(2,1,1),(1,1)} \oplus 106V^{(3,2),\varnothing} \oplus 9V^{(3,2),(1)} \oplus 106V^{(3,1,1),\varnothing} \oplus 9V^{(3,1,1),(1)} \oplus 182V^{(2,2,1),\varnothing} \oplus 11V^{(2,2,1),(1)} \oplus V^{(3,2,1),\varnothing} \oplus V^{(2,2,2),\varnothing}$
$k = 7: \quad 441V^{\varnothing,(1)} \oplus 336V^{\varnothing,(2)} \oplus 336V^{\varnothing,(1,1)} \oplus 168V^{\varnothing,(3)} \oplus 168V^{\varnothing,(2,1)} \oplus 168V^{\varnothing,(1,1,1)} \oplus 84V^{\varnothing,(3,1)} \oplus 84V^{\varnothing,(2,1,1)} \oplus 84V^{\varnothing,(1,1,1,1)} \oplus 42V^{\varnothing,(3,1,1)} \oplus 42V^{\varnothing,(2,1,1,1)} \oplus 42V^{\varnothing,(1,1,1,1,1)} \oplus 21V^{\varnothing,(3,1,1,1)} \oplus 21V^{\varnothing,(2,1,1,1,1)} \oplus 225V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1200V^{(1),(3)} \oplus 1360V^{(1),(2,1)} \oplus 1360V^{(1),(1,1,1)} \oplus 550V^{(1),(3,1)} \oplus 650V^{(1),(2,1,1)} \oplus 650V^{(1),(1,1,1,1)} \oplus 204V^{(1),(3,1,1)} \oplus 256V^{(1),(2,1,1,1)} \oplus 204V^{(1),(1,1,1,1,1)} \oplus 3V^{(1),(3,1,1,1)} \oplus 3V^{(1),(2,1,1,1,1)} \oplus 165V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1544V^{(2),(2)} \oplus 1580V^{(2),(1,1)} \oplus 594V^{(2),(3)} \oplus 738V^{(2),(2,1)} \oplus 774V^{(2),(1,1,1)} \oplus 168V^{(2),(3,1)} \oplus 232V^{(2),(2,1,1)} \oplus 232V^{(2),(1,1,1,1)} \oplus 9V^{(2),(3,1,1)} \oplus 11V^{(2),(2,1,1,1)} \oplus 9V^{(2),(1,1,1,1,1)} \oplus 165V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1544V^{(1,1),(2)} \oplus$

Table 132: Table for $\lambda = (3,2,2)$, $\mu = (2,2,2,1)$:

$k = 14: \quad 71V^{\varnothing,\varnothing}$
$k = 13: \quad 8255V^{\varnothing,\varnothing} \oplus 521V^{\varnothing,(1)} \oplus 253V^{(1),\varnothing}$
$k = 12: \quad 15432V^{\varnothing,\varnothing} \oplus 8004V^{\varnothing,(1)} \oplus 147V^{\varnothing,(2)} \oplus 150V^{\varnothing,(1,1)} \oplus 7676V^{(1),\varnothing} \oplus 1415V^{(1),(1)} \oplus 92V^{(2),\varnothing} \oplus 92V^{(1,1),\varnothing}$
$k = 11: \quad 15070V^{\varnothing,\varnothing} \oplus 13686V^{\varnothing,(1)} \oplus 2138V^{\varnothing,(2)} \oplus 3106V^{\varnothing,(1,1)} \oplus 40V^{\varnothing,(2,1)} \oplus 40V^{\varnothing,(1,1,1)} \oplus 13362V^{(1),\varnothing} \oplus 11600V^{(1),(1)} \oplus 435V^{(1),(2)} \oplus 443V^{(1),(1,1)} \oplus 2920V^{(2),\varnothing} \oplus 407V^{(2),(1)} \oplus 2920V^{(1,1),\varnothing} \oplus 407V^{(1,1),(1)} \oplus 24V^{(3),\varnothing} \oplus 33V^{(2,1),\varnothing} \oplus 29V^{(1,1,1),\varnothing}$
$k = 10: \quad 11144V^{\varnothing,\varnothing} \oplus 12754V^{\varnothing,(1)} \oplus 3216V^{\varnothing,(2)} \oplus 4866V^{\varnothing,(1,1)} \oplus 1146V^{\varnothing,(2,1)} \oplus 1146V^{\varnothing,(1,1,1)} \oplus 11V^{\varnothing,(2,2)} \oplus 12V^{\varnothing,(2,1,1)} \oplus 9V^{\varnothing,(1,1,1,1)} \oplus 11236V^{(1),\varnothing} \oplus 19454V^{(1),(1)} \oplus 3552V^{(1),(2)} \oplus 4312V^{(1),(1,1)} \oplus 125V^{(1),(2,1)} \oplus 125V^{(1),(1,1,1)} \oplus 4570V^{(2),\varnothing} \oplus 4120V^{(2),(1)} \oplus 267V^{(2),(2)} \oplus 275V^{(2),(1,1)} \oplus 4570V^{(1,1),\varnothing} \oplus 4120V^{(1,1),(1)} \oplus 267V^{(1,1),(2)} \oplus 275V^{(1,1),(1,1)} \oplus 702V^{(3),\varnothing} \oplus 77V^{(3),(1)} \oplus 1464V^{(2,1),\varnothing} \oplus 103V^{(2,1),(1)} \oplus 752V^{(1,1,1),\varnothing} \oplus 95V^{(1,1,1),(1)} \oplus 9V^{(3,1),\varnothing} \oplus 11V^{(2,2),\varnothing} \oplus 11V^{(2,1,1),\varnothing}$
$k = 9: \quad 4854V^{\varnothing,\varnothing} \oplus 8394V^{\varnothing,(1)} \oplus 2536V^{\varnothing,(2)} \oplus 3736V^{\varnothing,(1,1)} \oplus 1478V^{\varnothing,(2,1)} \oplus 1478V^{\varnothing,(1,1,1)} \oplus 340V^{\varnothing,(2,2)} \oplus 492V^{\varnothing,(2,1,1)} \oplus 288V^{\varnothing,(1,1,1,1)} \oplus 4V^{\varnothing,(2,2,1)} \oplus 3V^{\varnothing,(2,1,1,1)} \oplus 7136V^{(1),\varnothing} \oplus 17576V^{(1),(1)} \oplus 5514V^{(1),(2)} \oplus 6738V^{(1),(1,1)} \oplus 1560V^{(1),(2,1)} \oplus 1560V^{(1),(1,1,1)} \oplus 33V^{(1),(2,2)} \oplus 35V^{(1),(2,1,1)} \oplus 27V^{(1),(1,1,1,1)} \oplus 3120V^{(2),\varnothing} \oplus 6522V^{(2),(1)} \oplus 1308V^{(2),(2)} \oplus 1604V^{(2),(1,1)} \oplus 101V^{(2),(2,1)} \oplus 101V^{(2),(1,1,1)} \oplus 3120V^{(1,1),\varnothing} \oplus 6522V^{(1,1),(1)} \oplus 1308V^{(1,1),(2)} \oplus 1604V^{(1,1),(1,1)} \oplus 101V^{(1,1),(2,1)} \oplus 101V^{(1,1),(1,1,1)} \oplus 902V^{(3),\varnothing} \oplus 1200V^{(3),(1)} \oplus 70V^{(3),(2)} \oplus 75V^{(3),(1,1)} \oplus 1902V^{(2,1),\varnothing} \oplus 1768V^{(2,1),(1)} \oplus 88V^{(2,1),(2)} \oplus 97V^{(2,1),(1,1)} \oplus 902V^{(1,1,1),\varnothing} \oplus 1272V^{(1,1,1),(1)} \oplus 82V^{(1,1,1),(2)} \oplus 87V^{(1,1,1),(1,1)} \oplus 412V^{(3,1),\varnothing} \oplus 27V^{(3,1),(1)} \oplus 464V^{(2,2),\varnothing} \oplus 31V^{(2,2),(1)} \oplus 464V^{(2,1,1),\varnothing} \oplus 31V^{(2,1,1),(1)} \oplus 3V^{(3,2),\varnothing} \oplus 3V^{(3,1,1),\varnothing} \oplus 4V^{(2,2,1),\varnothing}$
$k = 8: \quad 1014V^{\varnothing,\varnothing} \oplus 3456V^{\varnothing,(1)} \oplus 1308V^{\varnothing,(2)} \oplus 1776V^{\varnothing,(1,1)} \oplus 856V^{\varnothing,(2,1)} \oplus 856V^{\varnothing,(1,1,1)} \oplus 276V^{\varnothing,(2,2)} \oplus 426V^{\varnothing,(2,1,1)} \oplus 276V^{\varnothing,(1,1,1,1)} \oplus 194V^{\varnothing,(2,2,1)} \oplus 118V^{\varnothing,(2,1,1,1)} \oplus V^{\varnothing,(2,2,2)} \oplus V^{\varnothing,(2,2,1,1)} \oplus 2196V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 4496V^{(1),(2)} \oplus 5280V^{(1),(1,1)} \oplus 2166V^{(1),(2,1)} \oplus 2166V^{(1),(1,1,1)} \oplus 528V^{(1),(2,2)} \oplus 632V^{(1),(2,1,1)} \oplus 468V^{(1),(1,1,1,1)} \oplus 11V^{(1),(2,2,1)} \oplus 9V^{(1),(2,1,1,1)} \oplus 1356V^{(2),\varnothing} \oplus 5136V^{(2),(1)} \oplus 1862V^{(2),(2)} \oplus 2294V^{(2),(1,1)} \oplus 588V^{(2),(2,1)} \oplus 588V^{(2),(1,1,1)} \oplus 33V^{(2),(2,2)} \oplus 35V^{(2),(2,1,1)} \oplus 27V^{(2),(1,1,1,1)} \oplus 1356V^{(1,1),\varnothing} \oplus 5136V^{(1,1),(1)} \oplus 1862V^{(1,1),(2)} \oplus 2294V^{(1,1),(1,1)} \oplus 588V^{(1,1),(2,1)} \oplus 588V^{(1,1),(1,1,1)} \oplus 33V^{(1,1),(2,2)} \oplus 35V^{(1,1),(2,1,1)} \oplus 27V^{(1,1),(1,1,1,1)} \oplus 428V^{(3),\varnothing} \oplus 1794V^{(3),(1)} \oplus 388V^{(3),(2)} \oplus 460V^{(3),(1,1)} \oplus 47V^{(3),(2,1)} \oplus 47V^{(3),(1,1,1)} \oplus 948V^{(2,1),\varnothing} \oplus 2466V^{(2,1),(1)} \oplus 524V^{(2,1),(2)} \oplus 692V^{(2,1),(1,1)} \oplus 67V^{(2,1),(2,1)} \oplus 67V^{(2,1),(1,1,1)} \oplus 428V^{(1,1,1),\varnothing} \oplus 1794V^{(1,1,1),(1)} \oplus 412V^{(1,1,1),(2)} \oplus 484V^{(1,1,1),(1,1)} \oplus 59V^{(1,1,1),(2,1)} \oplus 59V^{(1,1,1),(1,1,1)} \oplus 384V^{(3,1),\varnothing} \oplus 552V^{(3,1),(1)} \oplus 19V^{(3,1),(2)} \oplus 23V^{(3,1),(1,1)} \oplus 384V^{(2,2),\varnothing} \oplus 592V^{(2,2),(1)} \oplus 23V^{(2,2),(2)} \oplus 29V^{(2,2),(1,1)} \oplus 384V^{(2,1,1),\varnothing} \oplus 592V^{(2,1,1),(1)} \oplus 23V^{(2,1,1),(2)} \oplus 29V^{(2,1,1),(1,1)} \oplus 104V^{(3,2),\varnothing} \oplus 7V^{(3,2),(1)} \oplus 104V^{(3,1,1),\varnothing} \oplus 7V^{(3,1,1),(1)} \oplus 180V^{(2,2,1),\varnothing} \oplus 9V^{(2,2,1),(1)} \oplus V^{(3,2,1),\varnothing} \oplus V^{(2,2,2),\varnothing}$
$k = 7: \quad 441V^{\varnothing,(1)} \oplus 336V^{\varnothing,(2)} \oplus 336V^{\varnothing,(1,1)} \oplus 168V^{\varnothing,(2,1)} \oplus 168V^{\varnothing,(1,1,1)} \oplus 84V^{\varnothing,(2,2)} \oplus 84V^{\varnothing,(2,1,1)} \oplus 84V^{\varnothing,(1,1,1,1)} \oplus 42V^{\varnothing,(2,2,1)} \oplus 42V^{\varnothing,(2,1,1,1)} \oplus 21V^{\varnothing,(2,2,2)} \oplus 21V^{\varnothing,(2,2,1,1)} \oplus 196V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2580V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1360V^{(1),(2,1)} \oplus 1360V^{(1),(1,1,1)} \oplus 550V^{(1),(2,2)} \oplus 650V^{(1),(2,1,1)} \oplus 550V^{(1),(1,1,1,1)} \oplus 256V^{(1),(2,2,1)} \oplus 204V^{(1),(2,1,1,1)} \oplus 3V^{(1),(2,2,2)} \oplus 3V^{(1),(2,2,1,1)} \oplus 126V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1352V^{(2),(2)} \oplus 1580V^{(2),(1,1)} \oplus 738V^{(2),(2,1)} \oplus 738V^{(2),(1,1,1)} \oplus 192V^{(2),(2,2)} \oplus 232V^{(2),(2,1,1)} \oplus 168V^{(2),(1,1,1,1)} \oplus 11V^{(2),(2,2,1)} \oplus 9V^{(2),(2,1,1,1)} \oplus 126V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1352V^{(1,1),(2)} \oplus 1580V^{(1,1),(1,1)} \oplus 738V^{(1,1),(2,1)} \oplus 738V^{(1,1),(1,1,1)} \oplus 192V^{(1,1),(2,2)} \oplus 232V^{(1,1),(2,1,1)} \oplus 168V^{(1,1),(1,1,1,1)} \oplus 11V^{(1,1),(2,2,1)} \oplus 9V^{(1,1),(2,1,1,1)} \oplus 84V^{(3),\varnothing} \oplus 1200V^{(3),(1)} \oplus 552V^{(3),(2)} \oplus 630V^{(3),(1,1)} \oplus 176V^{(3),(2,1)} \oplus 176V^{(3),(1,1,1)} \oplus 16V^{(3),(2,2)} \oplus$

Table 133: Table for $\lambda = (3,2,2)$, $\mu = (2,2,1,1,1)$:

$k = 14: \quad 46V^{\varnothing,\varnothing}$
$k = 13: \quad 8230V^{\varnothing,\varnothing} \oplus 543V^{\varnothing,(1)} \oplus 255V^{(1),\varnothing}$
$k = 12: \quad 15432V^{\varnothing,\varnothing} \oplus 8180V^{\varnothing,(1)} \oplus 147V^{\varnothing,(2)} \oplus 156V^{\varnothing,(1,1)} \oplus 7680V^{(1),\varnothing} \oplus 1487V^{(1),(1)} \oplus 93V^{(2),\varnothing} \oplus 93V^{(1,1),\varnothing}$
$k = 11: \quad 15070V^{\varnothing,\varnothing} \oplus 13818V^{\varnothing,(1)} \oplus 2138V^{\varnothing,(2)} \oplus 3226V^{\varnothing,(1,1)} \oplus 40V^{\varnothing,(2,1)} \oplus 42V^{\varnothing,(1,1,1)} \oplus 13362V^{(1),\varnothing} \oplus 11888V^{(1),(1)} \oplus 435V^{(1),(2)} \oplus 461V^{(1),(1,1)} \oplus 2920V^{(2),\varnothing} \oplus 455V^{(2),(1)} \oplus 2920V^{(1,1),\varnothing} \oplus 455V^{(1,1),(1)} \oplus 24V^{(3),\varnothing} \oplus 33V^{(2,1),\varnothing} \oplus 29V^{(1,1,1),\varnothing}$
$k = 10: \quad 11144V^{\varnothing,\varnothing} \oplus 12754V^{\varnothing,(1)} \oplus 3216V^{\varnothing,(2)} \oplus 4974V^{\varnothing,(1,1)} \oplus 1146V^{\varnothing,(2,1)} \oplus 1250V^{\varnothing,(1,1,1)} \oplus 9V^{\varnothing,(2,2)} \oplus 12V^{\varnothing,(2,1,1)} \oplus 12V^{\varnothing,(1,1,1,1)} \oplus 11236V^{(1),\varnothing} \oplus 19598V^{(1),(1)} \oplus 3552V^{(1),(2)} \oplus 4456V^{(1),(1,1)} \oplus 125V^{(1),(2,1)} \oplus 131V^{(1),(1,1,1)} \oplus 4570V^{(2),\varnothing} \oplus 4216V^{(2),(1)} \oplus 267V^{(2),(2)} \oplus 293V^{(2),(1,1)} \oplus 4570V^{(1,1),\varnothing} \oplus 4216V^{(1,1),(1)} \oplus 267V^{(1,1),(2)} \oplus 293V^{(1,1),(1,1)} \oplus 702V^{(3),\varnothing} \oplus 101V^{(3),(1)} \oplus 1464V^{(2,1),\varnothing} \oplus 127V^{(2,1),(1)} \oplus 752V^{(1,1,1),\varnothing} \oplus 119V^{(1,1,1),(1)} \oplus 9V^{(3,1),\varnothing} \oplus 11V^{(2,2),\varnothing} \oplus 11V^{(2,1,1),\varnothing}$
$k = 9: \quad 4854V^{\varnothing,\varnothing} \oplus 8394V^{\varnothing,(1)} \oplus 2536V^{\varnothing,(2)} \oplus 3736V^{\varnothing,(1,1)} \oplus 1478V^{\varnothing,(2,1)} \oplus 1578V^{\varnothing,(1,1,1)} \oplus 288V^{\varnothing,(2,2)} \oplus 492V^{\varnothing,(2,1,1)} \oplus 492V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(2,2,1)} \oplus 4V^{\varnothing,(2,1,1,1)} \oplus 3V^{\varnothing,(1,1,1,1,1)} \oplus 7136V^{(1),\varnothing} \oplus 17576V^{(1),(1)} \oplus 5514V^{(1),(2)} \oplus 6846V^{(1),(1,1)} \oplus 1560V^{(1),(2,1)} \oplus 1680V^{(1),(1,1,1)} \oplus 27V^{(1),(2,2)} \oplus 35V^{(1),(2,1,1)} \oplus 35V^{(1),(1,1,1,1)} \oplus 3120V^{(2),\varnothing} \oplus 6522V^{(2),(1)} \oplus 1308V^{(2),(2)} \oplus 1676V^{(2),(1,1)} \oplus 101V^{(2),(2,1)} \oplus 107V^{(2),(1,1,1)} \oplus 3120V^{(1,1),\varnothing} \oplus 6522V^{(1,1),(1)} \oplus 1308V^{(1,1),(2)} \oplus 1676V^{(1,1),(1,1)} \oplus 101V^{(1,1),(2,1)} \oplus 107V^{(1,1),(1,1,1)} \oplus 902V^{(3),\varnothing} \oplus 1200V^{(3),(1)} \oplus 70V^{(3),(2)} \oplus 81V^{(3),(1,1)} \oplus 1902V^{(2,1),\varnothing} \oplus 1768V^{(2,1),(1)} \oplus 88V^{(2,1),(2)} \oplus 109V^{(2,1),(1,1)} \oplus 902V^{(1,1,1),\varnothing} \oplus 1272V^{(1,1,1),(1)} \oplus 82V^{(1,1,1),(2)} \oplus 99V^{(1,1,1),(1,1)} \oplus 412V^{(3,1),\varnothing} \oplus 27V^{(3,1),(1)} \oplus 464V^{(2,2),\varnothing} \oplus 31V^{(2,2),(1)} \oplus 464V^{(2,1,1),\varnothing} \oplus 31V^{(2,1,1),(1)} \oplus 3V^{(3,2),\varnothing} \oplus 3V^{(3,1,1),\varnothing} \oplus 4V^{(2,2,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 3456V^{\varnothing,(1)} \oplus 1308V^{\varnothing,(2)} \oplus 1776V^{\varnothing,(1,1)} \oplus 856V^{\varnothing,(2,1)} \oplus 856V^{\varnothing,(1,1,1)} \oplus 276V^{\varnothing,(2,2)} \oplus 426V^{\varnothing,(2,1,1)} \oplus 426V^{\varnothing,(1,1,1,1)} \oplus 118V^{\varnothing,(2,2,1)} \oplus 194V^{\varnothing,(2,1,1,1)} \oplus 118V^{\varnothing,(1,1,1,1,1)} \oplus V^{\varnothing,(2,2,1,1)} \oplus V^{\varnothing,(2,1,1,1,1)} \oplus 2280V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 4496V^{(1),(2)} \oplus 5280V^{(1),(1,1)} \oplus 2166V^{(1),(2,1)} \oplus 2274V^{(1),(1,1,1)} \oplus 468V^{(1),(2,2)} \oplus 632V^{(1),(2,1,1)} \oplus 632V^{(1),(1,1,1,1)} \oplus 9V^{(1),(2,2,1)} \oplus 11V^{(1),(2,1,1,1)} \oplus 9V^{(1),(1,1,1,1,1)} \oplus 1356V^{(2),\varnothing} \oplus 5136V^{(2),(1)} \oplus 1862V^{(2),(2)} \oplus 2330V^{(2),(1,1)} \oplus 588V^{(2),(2,1)} \oplus 636V^{(2),(1,1,1)} \oplus 27V^{(2),(2,2)} \oplus 35V^{(2),(2,1,1)} \oplus 35V^{(2),(1,1,1,1)} \oplus 1356V^{(1,1),\varnothing} \oplus 5136V^{(1,1),(1)} \oplus 1862V^{(1,1),(2)} \oplus 2330V^{(1,1),(1,1)} \oplus 588V^{(1,1),(2,1)} \oplus 636V^{(1,1),(1,1,1)} \oplus 27V^{(1,1),(2,2)} \oplus 35V^{(1,1),(2,1,1)} \oplus 35V^{(1,1),(1,1,1,1)} \oplus 428V^{(3),\varnothing} \oplus 1794V^{(3),(1)} \oplus 388V^{(3),(2)} \oplus 472V^{(3),(1,1)} \oplus 47V^{(3),(2,1)} \oplus 51V^{(3),(1,1,1)} \oplus 948V^{(2,1),\varnothing} \oplus 2466V^{(2,1),(1)} \oplus 524V^{(2,1),(2)} \oplus 716V^{(2,1),(1,1)} \oplus 67V^{(2,1),(2,1)} \oplus 73V^{(2,1),(1,1,1)} \oplus 428V^{(1,1,1),\varnothing} \oplus 1794V^{(1,1,1),(1)} \oplus 412V^{(1,1,1),(2)} \oplus 508V^{(1,1,1),(1,1)} \oplus 59V^{(1,1,1),(2,1)} \oplus 63V^{(1,1,1),(1,1,1)} \oplus 384V^{(3,1),\varnothing} \oplus 552V^{(3,1),(1)} \oplus 19V^{(3,1),(2)} \oplus 29V^{(3,1),(1,1)} \oplus 384V^{(2,2),\varnothing} \oplus 592V^{(2,2),(1)} \oplus 23V^{(2,2),(2)} \oplus 35V^{(2,2),(1,1)} \oplus 384V^{(2,1,1),\varnothing} \oplus 592V^{(2,1,1),(1)} \oplus 23V^{(2,1,1),(2)} \oplus 35V^{(2,1,1),(1,1)} \oplus 104V^{(3,2),\varnothing} \oplus 7V^{(3,2),(1)} \oplus 104V^{(3,1,1),\varnothing} \oplus 7V^{(3,1,1),(1)} \oplus 180V^{(2,2,1),\varnothing} \oplus 9V^{(2,2,1),(1)} \oplus V^{(3,2,1),\varnothing} \oplus V^{(2,2,2),\varnothing}$
$k = 7: \quad 441V^{\varnothing,(1)} \oplus 336V^{\varnothing,(2)} \oplus 336V^{\varnothing,(1,1)} \oplus 168V^{\varnothing,(2,1)} \oplus 168V^{\varnothing,(1,1,1)} \oplus 84V^{\varnothing,(2,2)} \oplus 84V^{\varnothing,(2,1,1)} \oplus 84V^{\varnothing,(1,1,1,1)} \oplus 42V^{\varnothing,(2,2,1)} \oplus 42V^{\varnothing,(2,1,1,1)} \oplus 42V^{\varnothing,(1,1,1,1,1)} \oplus 21V^{\varnothing,(2,2,1,1)} \oplus 21V^{\varnothing,(2,1,1,1,1)} \oplus 196V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2580V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1360V^{(1),(2,1)} \oplus 1360V^{(1),(1,1,1)} \oplus 550V^{(1),(2,2)} \oplus 650V^{(1),(2,1,1)} \oplus 650V^{(1),(1,1,1,1)} \oplus 204V^{(1),(2,2,1)} \oplus 256V^{(1),(2,1,1,1)} \oplus 204V^{(1),(1,1,1,1,1)} \oplus 3V^{(1),(2,2,1,1)} \oplus 3V^{(1),(2,1,1,1,1)} \oplus 140V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1352V^{(2),(2)} \oplus 1580V^{(2),(1,1)} \oplus 738V^{(2),(2,1)} \oplus 774V^{(2),(1,1,1)} \oplus 168V^{(2),(2,2)} \oplus 232V^{(2),(2,1,1)} \oplus 232V^{(2),(1,1,1,1)} \oplus 9V^{(2),(2,2,1)} \oplus 11V^{(2),(2,1,1,1)} \oplus 9V^{(2),(1,1,1,1,1)} \oplus 140V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1352V^{(1,1),(2)} \oplus 1580V^{(1,1),(1,1)} \oplus 738V^{(1,1),(2,1)} \oplus 774V^{(1,1),(1,1,1)} \oplus 168V^{(1,1),(2,2)} \oplus 232V^{(1,1),(2,1,1)} \oplus 232V^{(1,1),(1,1,1,1)} \oplus$

Table 134: Table for $\lambda = (3,2,2)$, $\mu = (2,1,1,1,1,1)$:

$k = 14: \quad 17V^{\varnothing,\varnothing}$
$k = 13: \quad 7898V^{\varnothing,\varnothing} \oplus 515V^{\varnothing,(1)} \oplus 113V^{(1),\varnothing}$
$k = 12: \quad 14974V^{\varnothing,\varnothing} \oplus 7764V^{\varnothing,(1)} \oplus 117V^{\varnothing,(2)} \oplus 148V^{\varnothing,(1,1)} \oplus 6876V^{(1),\varnothing} \oplus 1397V^{(1),(1)} \oplus 60V^{(2),\varnothing} \oplus 60V^{(1,1),\varnothing}$
$k = 11: \quad 14710V^{\varnothing,\varnothing} \oplus 13362V^{\varnothing,(1)} \oplus 1722V^{\varnothing,(2)} \oplus 2898V^{\varnothing,(1,1)} \oplus 31V^{\varnothing,(2,1)} \oplus 40V^{\varnothing,(1,1,1)} \oplus 12090V^{(1),\varnothing} \oplus 11312V^{(1),(1)} \oplus 339V^{(1),(2)} \oplus 437V^{(1),(1,1)} \oplus 2680V^{(2),\varnothing} \oplus 389V^{(2),(1)} \oplus 2680V^{(1,1),\varnothing} \oplus 389V^{(1,1),(1)} \oplus 20V^{(3),\varnothing} \oplus 29V^{(2,1),\varnothing} \oplus 25V^{(1,1,1),\varnothing}$
$k = 10: \quad 10682V^{\varnothing,\varnothing} \oplus 12610V^{\varnothing,(1)} \oplus 2808V^{\varnothing,(2)} \oplus 4566V^{\varnothing,(1,1)} \oplus 678V^{\varnothing,(2,1)} \oplus 1146V^{\varnothing,(1,1,1)} \oplus 9V^{\varnothing,(2,1,1)} \oplus 12V^{\varnothing,(1,1,1,1)} \oplus 10196V^{(1),\varnothing} \oplus 19130V^{(1),(1)} \oplus 3024V^{(1),(2)} \oplus 4072V^{(1),(1,1)} \oplus 99V^{(1),(2,1)} \oplus 125V^{(1),(1,1,1)} \oplus 4170V^{(2),\varnothing} \oplus 3976V^{(2),(1)} \oplus 195V^{(2),(2)} \oplus 269V^{(2),(1,1)} \oplus 4170V^{(1,1),\varnothing} \oplus 3976V^{(1,1),(1)} \oplus 195V^{(1,1),(2)} \oplus 269V^{(1,1),(1,1)} \oplus 622V^{(3),\varnothing} \oplus 71V^{(3),(1)} \oplus 1384V^{(2,1),\varnothing} \oplus 91V^{(2,1),(1)} \oplus 672V^{(1,1,1),\varnothing} \oplus 83V^{(1,1,1),(1)} \oplus 9V^{(3,1),\varnothing} \oplus 11V^{(2,2),\varnothing} \oplus 11V^{(2,1,1),\varnothing}$
$k = 9: \quad 4560V^{\varnothing,\varnothing} \oplus 8394V^{\varnothing,(1)} \oplus 2376V^{\varnothing,(2)} \oplus 3576V^{\varnothing,(1,1)} \oplus 928V^{\varnothing,(2,1)} \oplus 1478V^{\varnothing,(1,1,1)} \oplus 288V^{\varnothing,(2,1,1)} \oplus 492V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(2,1,1,1)} \oplus 4V^{\varnothing,(1,1,1,1,1)} \oplus 5880V^{(1),\varnothing} \oplus 17468V^{(1),(1)} \oplus 5082V^{(1),(2)} \oplus 6414V^{(1),(1,1)} \oplus 1160V^{(1),(2,1)} \oplus 1560V^{(1),(1,1,1)} \oplus 27V^{(1),(2,1,1)} \oplus 35V^{(1),(1,1,1,1)} \oplus 2800V^{(2),\varnothing} \oplus 6414V^{(2),(1)} \oplus 1092V^{(2),(2)} \oplus 1508V^{(2),(1,1)} \oplus 75V^{(2),(2,1)} \oplus 101V^{(2),(1,1,1)} \oplus 2800V^{(1,1),\varnothing} \oplus 6414V^{(1,1),(1)} \oplus 1092V^{(1,1),(2)} \oplus 1508V^{(1,1),(1,1)} \oplus 75V^{(1,1),(2,1)} \oplus 101V^{(1,1),(1,1,1)} \oplus 758V^{(3),\varnothing} \oplus 1176V^{(3),(1)} \oplus 36V^{(3),(2)} \oplus 71V^{(3),(1,1)} \oplus 1758V^{(2,1),\varnothing} \oplus 1720V^{(2,1),(1)} \oplus 46V^{(2,1),(2)} \oplus 91V^{(2,1),(1,1)} \oplus 758V^{(1,1,1),\varnothing} \oplus 1224V^{(1,1,1),(1)} \oplus 42V^{(1,1,1),(2)} \oplus 83V^{(1,1,1),(1,1)} \oplus 380V^{(3,1),\varnothing} \oplus 21V^{(3,1),(1)} \oplus 432V^{(2,2),\varnothing} \oplus 25V^{(2,2),(1)} \oplus 432V^{(2,1,1),\varnothing} \oplus 25V^{(2,1,1),(1)} \oplus 3V^{(3,2),\varnothing} \oplus 3V^{(3,1,1),\varnothing} \oplus 4V^{(2,2,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 3456V^{\varnothing,(1)} \oplus 1308V^{\varnothing,(2)} \oplus 1776V^{\varnothing,(1,1)} \oplus 596V^{\varnothing,(2,1)} \oplus 856V^{\varnothing,(1,1,1)} \oplus 276V^{\varnothing,(2,1,1)} \oplus 426V^{\varnothing,(1,1,1,1)} \oplus 118V^{\varnothing,(2,1,1,1)} \oplus 194V^{\varnothing,(1,1,1,1,1)} \oplus V^{\varnothing,(2,1,1,1,1)} \oplus V^{\varnothing,(1,1,1,1,1,1)} \oplus 1620V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 4352V^{(1),(2)} \oplus 5136V^{(1),(1,1)} \oplus 1758V^{(1),(2,1)} \oplus 2166V^{(1),(1,1,1)} \oplus 468V^{(1),(2,1,1)} \oplus 632V^{(1),(1,1,1,1)} \oplus 9V^{(1),(2,1,1,1)} \oplus 11V^{(1),(1,1,1,1,1)} \oplus 1056V^{(2),\varnothing} \oplus 5136V^{(2),(1)} \oplus 1718V^{(2),(2)} \oplus 2186V^{(2),(1,1)} \oplus 424V^{(2),(2,1)} \oplus 588V^{(2),(1,1,1)} \oplus 27V^{(2),(2,1,1)} \oplus 35V^{(2),(1,1,1,1)} \oplus 1056V^{(1,1),\varnothing} \oplus 5136V^{(1,1),(1)} \oplus 1718V^{(1,1),(2)} \oplus 2186V^{(1,1),(1,1)} \oplus 424V^{(1,1),(2,1)} \oplus 588V^{(1,1),(1,1,1)} \oplus 27V^{(1,1),(2,1,1)} \oplus 35V^{(1,1),(1,1,1,1)} \oplus 332V^{(3),\varnothing} \oplus 1794V^{(3),(1)} \oplus 344V^{(3),(2)} \oplus 428V^{(3),(1,1)} \oplus 36V^{(3),(2,1)} \oplus 47V^{(3),(1,1,1)} \oplus 852V^{(2,1),\varnothing} \oplus 2466V^{(2,1),(1)} \oplus 452V^{(2,1),(2)} \oplus 644V^{(2,1),(1,1)} \oplus 46V^{(2,1),(2,1)} \oplus 67V^{(2,1),(1,1,1)} \oplus 332V^{(1,1,1),\varnothing} \oplus 1794V^{(1,1,1),(1)} \oplus 356V^{(1,1,1),(2)} \oplus 452V^{(1,1,1),(1,1)} \oplus 42V^{(1,1,1),(2,1)} \oplus 59V^{(1,1,1),(1,1,1)} \oplus 336V^{(3,1),\varnothing} \oplus 552V^{(3,1),(1)} \oplus 11V^{(3,1),(2)} \oplus 21V^{(3,1),(1,1)} \oplus 336V^{(2,2),\varnothing} \oplus 592V^{(2,2),(1)} \oplus 13V^{(2,2),(2)} \oplus 25V^{(2,2),(1,1)} \oplus 336V^{(2,1,1),\varnothing} \oplus 592V^{(2,1,1),(1)} \oplus 13V^{(2,1,1),(2)} \oplus 25V^{(2,1,1),(1,1)} \oplus 88V^{(3,2),\varnothing} \oplus 7V^{(3,2),(1)} \oplus 88V^{(3,1,1),\varnothing} \oplus 7V^{(3,1,1),(1)} \oplus 164V^{(2,2,1),\varnothing} \oplus 9V^{(2,2,1),(1)} \oplus V^{(3,2,1),\varnothing} \oplus V^{(2,2,2),\varnothing}$
$k = 7: \quad 441V^{\varnothing,(1)} \oplus 336V^{\varnothing,(2)} \oplus 336V^{\varnothing,(1,1)} \oplus 168V^{\varnothing,(2,1)} \oplus 168V^{\varnothing,(1,1,1)} \oplus 84V^{\varnothing,(2,1,1)} \oplus 84V^{\varnothing,(1,1,1,1)} \oplus 42V^{\varnothing,(2,1,1,1)} \oplus 42V^{\varnothing,(1,1,1,1,1)} \oplus 21V^{\varnothing,(2,1,1,1,1)} \oplus 21V^{\varnothing,(1,1,1,1,1,1)} \oplus 36V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2580V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1200V^{(1),(2,1)} \oplus 1360V^{(1),(1,1,1)} \oplus 550V^{(1),(2,1,1)} \oplus 650V^{(1),(1,1,1,1)} \oplus 204V^{(1),(2,1,1,1)} \oplus 256V^{(1),(1,1,1,1,1)} \oplus 3V^{(1),(2,1,1,1,1)} \oplus 3V^{(1),(1,1,1,1,1,1)} \oplus 30V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1316V^{(2),(2)} \oplus 1544V^{(2),(1,1)} \oplus 594V^{(2),(2,1)} \oplus 738V^{(2),(1,1,1)} \oplus 168V^{(2),(2,1,1)} \oplus 232V^{(2),(1,1,1,1)} \oplus 9V^{(2),(2,1,1,1)} \oplus 11V^{(2),(1,1,1,1,1)} \oplus 30V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1316V^{(1,1),(2)} \oplus 1544V^{(1,1),(1,1)} \oplus 594V^{(1,1),(2,1)} \oplus 738V^{(1,1),(1,1,1)} \oplus 168V^{(1,1),(2,1,1)} \oplus 232V^{(1,1),(1,1,1,1)} \oplus 9V^{(1,1),(2,1,1,1)} \oplus 11V^{(1,1),(1,1,1,1,1)} \oplus 24V^{(3),\varnothing} \oplus 1200V^{(3),(1)} \oplus 528V^{(3),(2)} \oplus 606V^{(3),(1,1)} \oplus 138V^{(3),(2,1)} \oplus 176V^{(3),(1,1,1)} \oplus 12V^{(3),(2,1,1)} \oplus 17V^{(3),(1,1,1,1)} \oplus 24V^{(2,1),\varnothing} \oplus 1520V^{(2,1),(1)} \oplus 648V^{(2,1),(2)} \oplus 846V^{(2,1),(1,1)} \oplus 184V^{(2,1),(2,1)} \oplus 268V^{(2,1),(1,1,1)} \oplus 22V^{(2,1),(2,1,1)} \oplus$

Table 135: Table for $\lambda = (3,2,2)$, $\mu = (1,1,1,1,1,1,1)$:

$k = 14: \quad 3V^{\varnothing,\varnothing}$
$k = 13: \quad 6573V^{\varnothing,\varnothing} \oplus 398V^{\varnothing,(1)} \oplus 15V^{(1),\varnothing}$
$k = 12:$ $12683V^{\varnothing,\varnothing} \oplus 4680V^{\varnothing,(1)} \oplus 117V^{\varnothing,(1,1)} \oplus 4956V^{(1),\varnothing} \oplus 1059V^{(1),(1)} \oplus 12V^{(2),\varnothing} \oplus 12V^{(1,1),\varnothing}$
$k = 11: \quad 12953V^{\varnothing,\varnothing} \oplus 8256V^{\varnothing,(1)} \oplus 1722V^{\varnothing,(1,1)} \oplus 31V^{\varnothing,(1,1,1)} \oplus 9105V^{(1),\varnothing} \oplus 8544V^{(1),(1)} \oplus 339V^{(1),(1,1)} \oplus 1926V^{(2),\varnothing} \oplus 195V^{(2),(1)} \oplus 1926V^{(1,1),\varnothing} \oplus 195V^{(1,1),(1)} \oplus 6V^{(3),\varnothing} \oplus 10V^{(2,1),\varnothing} \oplus 7V^{(1,1,1),\varnothing}$
$k = 10: \quad 9860V^{\varnothing,\varnothing} \oplus 8258V^{\varnothing,(1)} \oplus 2808V^{\varnothing,(1,1)} \oplus 678V^{\varnothing,(1,1,1)} \oplus 9V^{\varnothing,(1,1,1,1)} \oplus 8224V^{(1),\varnothing} \oplus 15190V^{(1),(1)} \oplus 3024V^{(1),(1,1)} \oplus 99V^{(1),(1,1,1)} \oplus 3229V^{(2),\varnothing} \oplus 2976V^{(2),(1)} \oplus 195V^{(2),(1,1)} \oplus 3229V^{(1,1),\varnothing} \oplus 2976V^{(1,1),(1)} \oplus 195V^{(1,1),(1,1)} \oplus 428V^{(3),\varnothing} \oplus 36V^{(3),(1)} \oplus 1098V^{(2,1),\varnothing} \oplus 46V^{(2,1),(1)} \oplus 438V^{(1,1,1),\varnothing} \oplus 42V^{(1,1,1),(1)} \oplus 5V^{(3,1),\varnothing} \oplus 6V^{(2,2),\varnothing} \oplus 6V^{(2,1,1),\varnothing}$
$k = 9: \quad 4440V^{\varnothing,\varnothing} \oplus 5814V^{\varnothing,(1)} \oplus 2376V^{\varnothing,(1,1)} \oplus 928V^{\varnothing,(1,1,1)} \oplus 288V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(1,1,1,1,1)} \oplus 5065V^{(1),\varnothing} \oplus 14608V^{(1),(1)} \oplus 5082V^{(1),(1,1)} \oplus 1160V^{(1),(1,1,1)} \oplus 27V^{(1),(1,1,1,1)} \oplus 2336V^{(2),\varnothing} \oplus 5082V^{(2),(1)} \oplus 1092V^{(2),(1,1)} \oplus 75V^{(2),(1,1,1)} \oplus 2336V^{(1,1),\varnothing} \oplus 5082V^{(1,1),(1)} \oplus 1092V^{(1,1),(1,1)} \oplus 75V^{(1,1),(1,1,1)} \oplus 559V^{(3),\varnothing} \oplus 968V^{(3),(1)} \oplus 36V^{(3),(1,1)} \oplus 1509V^{(2,1),\varnothing} \oplus 1240V^{(2,1),(1)} \oplus 46V^{(2,1),(1,1)} \oplus 559V^{(1,1,1),\varnothing} \oplus 992V^{(1,1,1),(1)} \oplus 42V^{(1,1,1),(1,1)} \oplus 334V^{(3,1),\varnothing} \oplus 11V^{(3,1),(1)} \oplus 360V^{(2,2),\varnothing} \oplus 13V^{(2,2),(1)} \oplus 360V^{(2,1,1),\varnothing} \oplus 13V^{(2,1,1),(1)} \oplus 3V^{(3,2),\varnothing} \oplus 3V^{(3,1,1),\varnothing} \oplus 4V^{(2,2,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 2736V^{\varnothing,(1)} \oplus 1308V^{\varnothing,(1,1)} \oplus 596V^{\varnothing,(1,1,1)} \oplus 276V^{\varnothing,(1,1,1,1)} \oplus 118V^{\varnothing,(1,1,1,1,1)} \oplus V^{\varnothing,(1,1,1,1,1,1)} \oplus 1446V^{(1),\varnothing} \oplus 10580V^{(1),(1)} \oplus 4352V^{(1),(1,1)} \oplus 1758V^{(1),(1,1,1)} \oplus 468V^{(1),(1,1,1,1)} \oplus 9V^{(1),(1,1,1,1,1)} \oplus 941V^{(2),\varnothing} \oplus 4352V^{(2),(1)} \oplus 1718V^{(2),(1,1)} \oplus 424V^{(2),(1,1,1)} \oplus 27V^{(2),(1,1,1,1)} \oplus 941V^{(1,1),\varnothing} \oplus 4352V^{(1,1),(1)} \oplus 1718V^{(1,1),(1,1)} \oplus 424V^{(1,1),(1,1,1)} \oplus 27V^{(1,1),(1,1,1,1)} \oplus 264V^{(3),\varnothing} \oplus 1572V^{(3),(1)} \oplus 344V^{(3),(1,1)} \oplus 36V^{(3),(1,1,1)} \oplus 784V^{(2,1),\varnothing} \oplus 1908V^{(2,1),(1)} \oplus 452V^{(2,1),(1,1)} \oplus 46V^{(2,1),(1,1,1)} \oplus 264V^{(1,1,1),\varnothing} \oplus 1572V^{(1,1,1),(1)} \oplus 356V^{(1,1,1),(1,1)} \oplus 42V^{(1,1,1),(1,1,1)} \oplus 303V^{(3,1),\varnothing} \oplus 428V^{(3,1),(1)} \oplus 11V^{(3,1),(1,1)} \oplus 303V^{(2,2),\varnothing} \oplus 448V^{(2,2),(1)} \oplus 13V^{(2,2),(1,1)} \oplus 303V^{(2,1,1),\varnothing} \oplus 448V^{(2,1,1),(1)} \oplus 13V^{(2,1,1),(1,1)} \oplus 78V^{(3,2),\varnothing} \oplus 4V^{(3,2),(1)} \oplus 78V^{(3,1,1),\varnothing} \oplus 4V^{(3,1,1),(1)} \oplus 154V^{(2,2,1),\varnothing} \oplus 5V^{(2,2,1),(1)} \oplus 2V^{(3,2,1),\varnothing} \oplus 2V^{(2,2,2),\varnothing}$
$k = 7: \quad 441V^{\varnothing,(1)} \oplus 336V^{\varnothing,(1,1)} \oplus 168V^{\varnothing,(1,1,1)} \oplus 84V^{\varnothing,(1,1,1,1)} \oplus 42V^{\varnothing,(1,1,1,1,1)} \oplus 21V^{\varnothing,(1,1,1,1,1,1)} \oplus V^{(1),\varnothing} \oplus 4560V^{(1),(1)} \oplus 2580V^{(1),(1,1)} \oplus 1200V^{(1),(1,1,1)} \oplus 550V^{(1),(1,1,1,1)} \oplus 204V^{(1),(1,1,1,1,1)} \oplus 3V^{(1),(1,1,1,1,1,1)} \oplus V^{(2),\varnothing} \oplus 2580V^{(2),(1)} \oplus 1316V^{(2),(1,1)} \oplus 594V^{(2),(1,1,1)} \oplus 168V^{(2),(1,1,1,1)} \oplus 9V^{(2),(1,1,1,1,1)} \oplus V^{(1,1),\varnothing} \oplus 2580V^{(1,1),(1)} \oplus 1316V^{(1,1),(1,1)} \oplus 594V^{(1,1),(1,1,1)} \oplus 168V^{(1,1),(1,1,1,1)} \oplus 9V^{(1,1),(1,1,1,1,1)} \oplus V^{(3),\varnothing} \oplus 1120V^{(3),(1)} \oplus 528V^{(3),(1,1)} \oplus 138V^{(3),(1,1,1)} \oplus 12V^{(3),(1,1,1,1)} \oplus V^{(2,1),\varnothing} \oplus 1280V^{(2,1),(1)} \oplus 648V^{(2,1),(1,1)} \oplus 184V^{(2,1),(1,1,1)} \oplus 22V^{(2,1),(1,1,1,1)} \oplus V^{(1,1,1),\varnothing} \oplus 1120V^{(1,1,1),(1)} \oplus 528V^{(1,1,1),(1,1)} \oplus 144V^{(1,1,1),(1,1,1)} \oplus 18V^{(1,1,1),(1,1,1,1)} \oplus V^{(3,1),\varnothing} \oplus 550V^{(3,1),(1)} \oplus 152V^{(3,1),(1,1)} \oplus 11V^{(3,1),(1,1,1)} \oplus V^{(2,2),\varnothing} \oplus 550V^{(2,2),(1)} \oplus 160V^{(2,2),(1,1)} \oplus 13V^{(2,2),(1,1,1)} \oplus V^{(2,1,1),\varnothing} \oplus 550V^{(2,1,1),(1)} \oplus 160V^{(2,1,1),(1,1)} \oplus 13V^{(2,1,1),(1,1,1)} \oplus V^{(3,2),\varnothing} \oplus 178V^{(3,2),(1)} \oplus 4V^{(3,2),(1,1)} \oplus V^{(3,1,1),\varnothing} \oplus 178V^{(3,1,1),(1)} \oplus 4V^{(3,1,1),(1,1)} \oplus V^{(2,2,1),\varnothing} \oplus 204V^{(2,2,1),(1)} \oplus 5V^{(2,2,1),(1,1)} \oplus V^{(3,2,1),\varnothing} \oplus 2V^{(3,2,1),(1)} \oplus V^{(2,2,2),\varnothing} \oplus 2V^{(2,2,2),(1)} \oplus V^{(3,2,2),\varnothing}$
$k = 6: \quad 720V^{(1),(1)} \oplus 720V^{(1),(1,1)} \oplus 468V^{(1),(1,1,1)} \oplus 260V^{(1),(1,1,1,1)} \oplus 150V^{(1),(1,1,1,1,1)} \oplus 76V^{(1),(1,1,1,1,1,1)} \oplus V^{(1),(1,1,1,1,1,1,1)} \oplus 720V^{(2),(1)} \oplus 648V^{(2),(1,1)} \oplus 368V^{(2),(1,1,1)} \oplus 186V^{(2),(1,1,1,1)} \oplus 72V^{(2),(1,1,1,1,1)} \oplus 3V^{(2),(1,1,1,1,1,1)} \oplus 720V^{(1,1),(1)} \oplus 648V^{(1,1),(1,1)} \oplus 368V^{(1,1),(1,1,1)} \oplus 186V^{(1,1),(1,1,1,1)} \oplus 72V^{(1,1),(1,1,1,1,1)} \oplus 3V^{(1,1),(1,1,1,1,1,1)} \oplus 468V^{(3),(1)} \oplus 344V^{(3),(1,1)} \oplus 188V^{(3),(1,1,1)} \oplus 56V^{(3),(1,1,1,1)} \oplus 6V^{(3),(1,1,1,1,1)} \oplus 468V^{(2,1),(1)} \oplus 392V^{(2,1),(1,1)} \oplus 228V^{(2,1),(1,1,1)} \oplus 76V^{(2,1),(1,1,1,1)} \oplus 10V^{(2,1),(1,1,1,1,1)} \oplus 468V^{(1,1,1),(1)} \oplus$

Table 136: Table for $\lambda = (3,2,1,1)$, $\mu = (7,)$:

$k = 14: \quad 3V^{\varnothing,\varnothing}$
$k = 13: \quad 6587V^{\varnothing,\varnothing} \oplus 571V^{\varnothing,(1)} \oplus 17V^{(1),\varnothing}$
$k = 12:$ $12697V^{\varnothing,\varnothing} \oplus 5784V^{\varnothing,(1)} \oplus 134V^{\varnothing,(2)} \oplus 5006V^{(1),\varnothing} \oplus 1209V^{(1),(1)} \oplus 13V^{(2),\varnothing} \oplus 14V^{(1,1),\varnothing}$
$k = 11: \quad 12967V^{\varnothing,\varnothing} \oplus 10362V^{\varnothing,(1)} \oplus 2090V^{\varnothing,(2)} \oplus 32V^{\varnothing,(3)} \oplus 9165V^{(1),\varnothing} \oplus 8856V^{(1),(1)} \oplus 489V^{(1),(2)} \oplus 1950V^{(2),\varnothing} \oplus 225V^{(2),(1)} \oplus 2054V^{(1,1),\varnothing} \oplus 227V^{(1,1),(1)} \oplus 6V^{(3),\varnothing} \oplus 11V^{(2,1),\varnothing} \oplus 9V^{(1,1,1),\varnothing}$
$k = 10: \quad 9860V^{\varnothing,\varnothing} \oplus 10862V^{\varnothing,(1)} \oplus 3508V^{\varnothing,(2)} \oplus 818V^{\varnothing,(3)} \oplus 9V^{\varnothing,(4)} \oplus 8248V^{(1),\varnothing} \oplus 15346V^{(1),(1)} \oplus 3120V^{(1),(2)} \oplus 129V^{(1),(3)} \oplus 3247V^{(2),\varnothing} \oplus 3072V^{(2),(1)} \oplus 225V^{(2),(2)} \oplus 3397V^{(1,1),\varnothing} \oplus 3152V^{(1,1),(1)} \oplus 227V^{(1,1),(2)} \oplus 438V^{(3),\varnothing} \oplus 42V^{(3),(1)} \oplus 1160V^{(2,1),\varnothing} \oplus 54V^{(2,1),(1)} \oplus 804V^{(1,1,1),\varnothing} \oplus 51V^{(1,1,1),(1)} \oplus 5V^{(3,1),\varnothing} \oplus 5V^{(2,2),\varnothing} \oplus 7V^{(2,1,1),\varnothing} \oplus 4V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 4440V^{\varnothing,\varnothing} \oplus 8845V^{\varnothing,(1)} \oplus 3160V^{\varnothing,(2)} \oplus 1180V^{\varnothing,(3)} \oplus 344V^{\varnothing,(4)} \oplus 3V^{\varnothing,(5)} \oplus 5065V^{(1),\varnothing} \oplus 14644V^{(1),(1)} \oplus 5118V^{(1),(2)} \oplus 1184V^{(1),(3)} \oplus 33V^{(1),(4)} \oplus 2336V^{(2),\varnothing} \oplus 5118V^{(2),(1)} \oplus 1140V^{(2),(2)} \oplus 105V^{(2),(3)} \oplus 2416V^{(1,1),\varnothing} \oplus 5226V^{(1,1),(1)} \oplus 1172V^{(1,1),(2)} \oplus 107V^{(1,1),(3)} \oplus 559V^{(3),\varnothing} \oplus 992V^{(3),(1)} \oplus 42V^{(3),(2)} \oplus 1559V^{(2,1),\varnothing} \oplus 1304V^{(2,1),(1)} \oplus 54V^{(2,1),(2)} \oplus 1059V^{(1,1,1),\varnothing} \oplus 1160V^{(1,1,1),(1)} \oplus 51V^{(1,1,1),(2)} \oplus 360V^{(3,1),\varnothing} \oplus 13V^{(3,1),(1)} \oplus 360V^{(2,2),\varnothing} \oplus 13V^{(2,2),(1)} \oplus 538V^{(2,1,1),\varnothing} \oplus 16V^{(2,1,1),(1)} \oplus 208V^{(1,1,1,1),\varnothing} \oplus 12V^{(1,1,1,1),(1)} \oplus 2V^{(3,2),\varnothing} \oplus 3V^{(3,1,1),\varnothing} \oplus 3V^{(2,2,1),\varnothing} \oplus 3V^{(2,1,1,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 4920V^{\varnothing,(1)} \oplus 2043V^{\varnothing,(2)} \oplus 820V^{\varnothing,(3)} \oplus 360V^{\varnothing,(4)} \oplus 146V^{\varnothing,(5)} \oplus V^{\varnothing,(6)} \oplus 1446V^{(1),\varnothing} \oplus 10580V^{(1),(1)} \oplus 4352V^{(1),(2)} \oplus 1758V^{(1),(3)} \oplus 468V^{(1),(4)} \oplus 9V^{(1),(5)} \oplus 941V^{(2),\varnothing} \oplus 4352V^{(2),(1)} \oplus 1730V^{(2),(2)} \oplus 436V^{(2),(3)} \oplus 33V^{(2),(4)} \oplus 941V^{(1,1),\varnothing} \oplus 4400V^{(1,1),(1)} \oplus 1766V^{(1,1),(2)} \oplus 452V^{(1,1),(3)} \oplus 35V^{(1,1),(4)} \oplus 264V^{(3),\varnothing} \oplus 1572V^{(3),(1)} \oplus 356V^{(3),(2)} \oplus 42V^{(3),(3)} \oplus 784V^{(2,1),\varnothing} \oplus 1944V^{(2,1),(1)} \oplus 480V^{(2,1),(2)} \oplus 54V^{(2,1),(3)} \oplus 524V^{(1,1,1),\varnothing} \oplus 1758V^{(1,1,1),(1)} \oplus 424V^{(1,1,1),(2)} \oplus 51V^{(1,1,1),(3)} \oplus 303V^{(3,1),\varnothing} \oplus 448V^{(3,1),(1)} \oplus 13V^{(3,1),(2)} \oplus 303V^{(2,2),\varnothing} \oplus 448V^{(2,2),(1)} \oplus 13V^{(2,2),(2)} \oplus 453V^{(2,1,1),\varnothing} \oplus 520V^{(2,1,1),(1)} \oplus 16V^{(2,1,1),(2)} \oplus 153V^{(1,1,1,1),\varnothing} \oplus 396V^{(1,1,1,1),(1)} \oplus 12V^{(1,1,1,1),(2)} \oplus 78V^{(3,2),\varnothing} \oplus 4V^{(3,2),(1)} \oplus 154V^{(3,1,1),\varnothing} \oplus 5V^{(3,1,1),(1)} \oplus 154V^{(2,2,1),\varnothing} \oplus 5V^{(2,2,1),(1)} \oplus 154V^{(2,1,1,1),\varnothing} \oplus 5V^{(2,1,1,1),(1)} \oplus V^{(3,2,1),\varnothing} \oplus V^{(3,1,1,1),\varnothing} \oplus V^{(2,2,1,1),\varnothing}$
$k = 7: \quad 1225V^{\varnothing,(1)} \oplus 700V^{\varnothing,(2)} \oplus 315V^{\varnothing,(3)} \oplus 140V^{\varnothing,(4)} \oplus 70V^{\varnothing,(5)} \oplus 35V^{\varnothing,(6)} \oplus V^{(1),\varnothing} \oplus 4560V^{(1),(1)} \oplus 2580V^{(1),(2)} \oplus 1200V^{(1),(3)} \oplus 550V^{(1),(4)} \oplus 204V^{(1),(5)} \oplus 3V^{(1),(6)} \oplus V^{(2),\varnothing} \oplus 2580V^{(2),(1)} \oplus 1316V^{(2),(2)} \oplus 594V^{(2),(3)} \oplus 168V^{(2),(4)} \oplus 9V^{(2),(5)} \oplus V^{(1,1),\varnothing} \oplus 2580V^{(1,1),(1)} \oplus 1328V^{(1,1),(2)} \oplus 606V^{(1,1),(3)} \oplus 176V^{(1,1),(4)} \oplus 11V^{(1,1),(5)} \oplus V^{(3),\varnothing} \oplus 1120V^{(3),(1)} \oplus 528V^{(3),(2)} \oplus 144V^{(3),(3)} \oplus 18V^{(3),(4)} \oplus V^{(2,1),\varnothing} \oplus 1280V^{(2,1),(1)} \oplus 660V^{(2,1),(2)} \oplus 198V^{(2,1),(3)} \oplus 30V^{(2,1),(4)} \oplus V^{(1,1,1),\varnothing} \oplus 1200V^{(1,1,1),(1)} \oplus 594V^{(1,1,1),(2)} \oplus 174V^{(1,1,1),(3)} \oplus 27V^{(1,1,1),(4)} \oplus V^{(3,1),\varnothing} \oplus 550V^{(3,1),(1)} \oplus 160V^{(3,1),(2)} \oplus 13V^{(3,1),(3)} \oplus V^{(2,2),\varnothing} \oplus 550V^{(2,2),(1)} \oplus 160V^{(2,2),(2)} \oplus 13V^{(2,2),(3)} \oplus V^{(2,1,1),\varnothing} \oplus 600V^{(2,1,1),(1)} \oplus 188V^{(2,1,1),(2)} \oplus 16V^{(2,1,1),(3)} \oplus V^{(1,1,1,1),\varnothing} \oplus 500V^{(1,1,1,1),(1)} \oplus 140V^{(1,1,1,1),(2)} \oplus 12V^{(1,1,1,1),(3)} \oplus V^{(3,2),\varnothing} \oplus 178V^{(3,2),(1)} \oplus 4V^{(3,2),(2)} \oplus V^{(3,1,1),\varnothing} \oplus 204V^{(3,1,1),(1)} \oplus 5V^{(3,1,1),(2)} \oplus V^{(2,2,1),\varnothing} \oplus 204V^{(2,2,1),(1)} \oplus 5V^{(2,2,1),(2)} \oplus V^{(2,1,1,1),\varnothing} \oplus 204V^{(2,1,1,1),(1)} \oplus 5V^{(2,1,1,1),(2)} \oplus V^{(3,2,1),\varnothing} \oplus 2V^{(3,2,1),(1)} \oplus V^{(3,1,1,1),\varnothing} \oplus 2V^{(3,1,1,1),(1)} \oplus V^{(2,2,1,1),\varnothing} \oplus 2V^{(2,2,1,1),(1)}$
$k = 6: \quad 720V^{(1),(1)} \oplus 720V^{(1),(2)} \oplus 468V^{(1),(3)} \oplus 260V^{(1),(4)} \oplus 150V^{(1),(5)} \oplus 76V^{(1),(6)} \oplus V^{(1),(7)} \oplus 720V^{(2),(1)} \oplus 648V^{(2),(2)} \oplus 368V^{(2),(3)} \oplus 186V^{(2),(4)} \oplus 72V^{(2),(5)} \oplus 3V^{(2),(6)} \oplus 720V^{(1,1),(1)} \oplus 648V^{(1,1),(2)} \oplus 368V^{(1,1),(3)} \oplus 186V^{(1,1),(4)} \oplus 72V^{(1,1),(5)} \oplus 3V^{(1,1),(6)} \oplus 468V^{(3),(1)} \oplus 344V^{(3),(2)} \oplus 188V^{(3),(3)} \oplus 56V^{(3),(4)} \oplus 6V^{(3),(5)} \oplus 468V^{(2,1),(1)} \oplus 392V^{(2,1),(2)} \oplus 232V^{(2,1),(3)} \oplus 80V^{(2,1),(4)} \oplus 12V^{(2,1),(5)} \oplus 468V^{(1,1,1),(1)} \oplus 368V^{(1,1,1),(2)} \oplus 210V^{(1,1,1),(3)} \oplus 68V^{(1,1,1),(4)} \oplus 9V^{(1,1,1),(5)} \oplus 260V^{(3,1),(1)} \oplus 186V^{(3,1),(2)} \oplus 64V^{(3,1),(3)} \oplus$

Table 137: Table for $\lambda = (3,2,1,1)$, $\mu = (6,1)$:

$k = 14: \quad 17V^{\varnothing,\varnothing}$
$k = 13: \quad 7982V^{\varnothing,\varnothing} \oplus 705V^{\varnothing,(1)} \oplus 145V^{(1),\varnothing}$
$k = 12: \quad 15142V^{\varnothing,\varnothing} \oplus 8908V^{\varnothing,(1)} \oplus 166V^{\varnothing,(2)} \oplus 134V^{\varnothing,(1,1)} \oplus 7190V^{(1),\varnothing} \oplus 1697V^{(1),(1)} \oplus 75V^{(2),\varnothing} \oplus 77V^{(1,1),\varnothing}$
$k = 11: \quad 14878V^{\varnothing,\varnothing} \oplus 15474V^{\varnothing,(1)} \oplus 3270V^{\varnothing,(2)} \oplus 2090V^{\varnothing,(1,1)} \oplus 41V^{\varnothing,(3)} \oplus 32V^{\varnothing,(2,1)} \oplus 12420V^{(1),\varnothing} \oplus 11936V^{(1),(1)} \oplus 617V^{(1),(2)} \oplus 489V^{(1),(1,1)} \oplus 2820V^{(2),\varnothing} \oplus 449V^{(2),(1)} \oplus 3028V^{(1,1),\varnothing} \oplus 453V^{(1,1),(1)} \oplus 25V^{(3),\varnothing} \oplus 36V^{(2,1),\varnothing} \oplus 33V^{(1,1,1),\varnothing}$
$k = 10: \quad 10766V^{\varnothing,\varnothing} \oplus 15214V^{\varnothing,(1)} \oplus 5266V^{\varnothing,(2)} \oplus 3508V^{\varnothing,(1,1)} \oplus 1286V^{\varnothing,(3)} \oplus 818V^{\varnothing,(2,1)} \oplus 12V^{\varnothing,(4)} \oplus 9V^{\varnothing,(3,1)} \oplus 10316V^{(1),\varnothing} \oplus 19442V^{(1),(1)} \oplus 4264V^{(1),(2)} \oplus 3120V^{(1),(1,1)} \oplus 161V^{(1),(3)} \oplus 129V^{(1),(2,1)} \oplus 4260V^{(2),\varnothing} \oplus 4168V^{(2),(1)} \oplus 329V^{(2),(2)} \oplus 225V^{(2),(1,1)} \oplus 4560V^{(1,1),\varnothing} \oplus 4328V^{(1,1),(1)} \oplus 333V^{(1,1),(2)} \oplus 227V^{(1,1),(1,1)} \oplus 672V^{(3),\varnothing} \oplus 83V^{(3),(1)} \oplus 1538V^{(2,1),\varnothing} \oplus 107V^{(2,1),(1)} \oplus 1130V^{(1,1,1),\varnothing} \oplus 101V^{(1,1,1),(1)} \oplus 11V^{(3,1),\varnothing} \oplus 11V^{(2,2),\varnothing} \oplus 14V^{(2,1,1),\varnothing} \oplus 10V^{(1,1,1,1),\varnothing}$
$k = 9:$ $4560V^{\varnothing,\varnothing} \oplus 11425V^{\varnothing,(1)} \oplus 4360V^{\varnothing,(2)} \oplus 3160V^{\varnothing,(1,1)} \oplus 1730V^{\varnothing,(3)} \oplus 1180V^{\varnothing,(2,1)} \oplus 548V^{\varnothing,(4)} \oplus 344V^{\varnothing,(3,1)} \oplus 4V^{\varnothing,(5)} \oplus 3V^{\varnothing,(4,1)} \oplus 5880V^{(1),\varnothing} \oplus 17540V^{(1),(1)} \oplus 6486V^{(1),(2)} \oplus 5118V^{(1),(1,1)} \oplus 1608V^{(1),(3)} \oplus 1184V^{(1),(2,1)} \oplus 41V^{(1),(4)} \oplus 33V^{(1),(3,1)} \oplus 2800V^{(2),\varnothing} \oplus 6486V^{(2),(1)} \oplus 1604V^{(2),(2)} \oplus 1140V^{(2),(1,1)} \oplus 137V^{(2),(3)} \oplus 105V^{(2),(2,1)} \oplus 2960V^{(1,1),\varnothing} \oplus 6702V^{(1,1),(1)} \oplus 1668V^{(1,1),(2)} \oplus 1172V^{(1,1),(1,1)} \oplus 141V^{(1,1),(3)} \oplus 107V^{(1,1),(2,1)} \oplus 758V^{(3),\varnothing} \oplus 1224V^{(3),(1)} \oplus 83V^{(3),(2)} \oplus 42V^{(3),(1,1)} \oplus 1858V^{(2,1),\varnothing} \oplus 1848V^{(2,1),(1)} \oplus 107V^{(2,1),(2)} \oplus 54V^{(2,1),(1,1)} \oplus 1308V^{(1,1,1),\varnothing} \oplus 1560V^{(1,1,1),(1)} \oplus 101V^{(1,1,1),(2)} \oplus 51V^{(1,1,1),(1,1)} \oplus 432V^{(3,1),\varnothing} \oplus 25V^{(3,1),(1)} \oplus 432V^{(2,2),\varnothing} \oplus 25V^{(2,2),(1)} \oplus 636V^{(2,1,1),\varnothing} \oplus 31V^{(2,1,1),(1)} \oplus 280V^{(1,1,1,1),\varnothing} \oplus 23V^{(1,1,1,1),(1)} \oplus 3V^{(3,2),\varnothing} \oplus 4V^{(3,1,1),\varnothing} \oplus 4V^{(2,2,1),\varnothing} \oplus 4V^{(2,1,1,1),\varnothing}$
$k = 8:$ $720V^{\varnothing,\varnothing} \oplus 5640V^{\varnothing,(1)} \oplus 2511V^{\varnothing,(2)} \oplus 2043V^{\varnothing,(1,1)} \oplus 1080V^{\varnothing,(3)} \oplus 820V^{\varnothing,(2,1)} \oplus 510V^{\varnothing,(4)} \oplus 360V^{\varnothing,(3,1)} \oplus 222V^{\varnothing,(5)} \oplus 146V^{\varnothing,(4,1)} \oplus V^{\varnothing,(6)} \oplus V^{\varnothing,(5,1)} \oplus 1620V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 5136V^{(1),(2)} \oplus 4352V^{(1),(1,1)} \oplus 2166V^{(1),(3)} \oplus 1758V^{(1),(2,1)} \oplus 632V^{(1),(4)} \oplus 468V^{(1),(3,1)} \oplus 11V^{(1),(5)} \oplus 9V^{(1),(4,1)} \oplus 1056V^{(2),\varnothing} \oplus 5136V^{(2),(1)} \oplus 2210V^{(2),(2)} \oplus 1730V^{(2),(1,1)} \oplus 612V^{(2),(3)} \oplus 436V^{(2),(2,1)} \oplus 41V^{(2),(4)} \oplus 33V^{(2),(3,1)} \oplus 1056V^{(1,1),\varnothing} \oplus 5232V^{(1,1),(1)} \oplus 2282V^{(1,1),(2)} \oplus 1766V^{(1,1),(1,1)} \oplus 644V^{(1,1),(3)} \oplus 452V^{(1,1),(2,1)} \oplus 45V^{(1,1),(4)} \oplus 35V^{(1,1),(3,1)} \oplus 332V^{(3),\varnothing} \oplus 1794V^{(3),(1)} \oplus 452V^{(3),(2)} \oplus 356V^{(3),(1,1)} \oplus 59V^{(3),(3)} \oplus 42V^{(3),(2,1)} \oplus 852V^{(2,1),\varnothing} \oplus 2538V^{(2,1),(1)} \oplus 700V^{(2,1),(2)} \oplus 480V^{(2,1),(1,1)} \oplus 83V^{(2,1),(3)} \oplus 54V^{(2,1),(2,1)} \oplus 592V^{(1,1,1),\varnothing} \oplus 2166V^{(1,1,1),(1)} \oplus 588V^{(1,1,1),(2)} \oplus 424V^{(1,1,1),(1,1)} \oplus 77V^{(1,1,1),(3)} \oplus 51V^{(1,1,1),(2,1)} \oplus 336V^{(3,1),\varnothing} \oplus 592V^{(3,1),(1)} \oplus 25V^{(3,1),(2)} \oplus 13V^{(3,1),(1,1)} \oplus 336V^{(2,2),\varnothing} \oplus 592V^{(2,2),(1)} \oplus 25V^{(2,2),(2)} \oplus 13V^{(2,2),(1,1)} \oplus 486V^{(2,1,1),\varnothing} \oplus 736V^{(2,1,1),(1)} \oplus 31V^{(2,1,1),(2)} \oplus 16V^{(2,1,1),(1,1)} \oplus 186V^{(1,1,1,1),\varnothing} \oplus 488V^{(1,1,1,1),(1)} \oplus 23V^{(1,1,1,1),(2)} \oplus 12V^{(1,1,1,1),(1,1)} \oplus 88V^{(3,2),\varnothing} \oplus 7V^{(3,2),(1)} \oplus 164V^{(3,1,1),\varnothing} \oplus 9V^{(3,1,1),(1)} \oplus 164V^{(2,2,1),\varnothing} \oplus 9V^{(2,2,1),(1)} \oplus 164V^{(2,1,1,1),\varnothing} \oplus 9V^{(2,1,1,1),(1)} \oplus V^{(3,2,1),\varnothing} \oplus V^{(3,1,1,1),\varnothing} \oplus V^{(2,2,1,1),\varnothing}$
$k = 7: \quad 1225V^{\varnothing,(1)} \oplus 700V^{\varnothing,(2)} \oplus 700V^{\varnothing,(1,1)} \oplus 315V^{\varnothing,(3)} \oplus 315V^{\varnothing,(2,1)} \oplus 140V^{\varnothing,(4)} \oplus 140V^{\varnothing,(3,1)} \oplus 70V^{\varnothing,(5)} \oplus 70V^{\varnothing,(4,1)} \oplus 35V^{\varnothing,(6)} \oplus 35V^{\varnothing,(5,1)} \oplus 36V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2580V^{(1),(1,1)} \oplus 1360V^{(1),(3)} \oplus 1200V^{(1),(2,1)} \oplus 650V^{(1),(4)} \oplus 550V^{(1),(3,1)} \oplus 256V^{(1),(5)} \oplus 204V^{(1),(4,1)} \oplus 3V^{(1),(6)} \oplus 3V^{(1),(5,1)} \oplus 30V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1544V^{(2),(2)} \oplus 1316V^{(2),(1,1)} \oplus 738V^{(2),(3)} \oplus 594V^{(2),(2,1)} \oplus 232V^{(2),(4)} \oplus 168V^{(2),(3,1)} \oplus 11V^{(2),(5)} \oplus 9V^{(2),(4,1)} \oplus 30V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1568V^{(1,1),(2)} \oplus 1328V^{(1,1),(1,1)} \oplus 762V^{(1,1),(3)} \oplus 606V^{(1,1),(2,1)} \oplus 248V^{(1,1),(4)} \oplus 176V^{(1,1),(3,1)} \oplus 13V^{(1,1),(5)} \oplus 11V^{(1,1),(4,1)} \oplus 24V^{(3),\varnothing} \oplus 1200V^{(3),(1)} \oplus 606V^{(3),(2)} \oplus 528V^{(3),(1,1)} \oplus 188V^{(3),(3)} \oplus 144V^{(3),(2,1)} \oplus 23V^{(3),(4)} \oplus 18V^{(3),(3,1)} \oplus 24V^{(2,1),\varnothing} \oplus 1520V^{(2,1),(1)} \oplus$

Table 138: Table for $\lambda = (3,2,1,1)$, $\mu = (5,2)$:

$k = 14: \quad 46V^{\varnothing,\varnothing}$
$k = 13: \quad 8426V^{\varnothing,\varnothing} \oplus 734V^{\varnothing,(1)} \oplus 316V^{(1),\varnothing}$
$k = 12: \quad 15824V^{\varnothing,\varnothing} \oplus 9332V^{\varnothing,(1)} \oplus 174V^{\varnothing,(2)} \oplus 165V^{\varnothing,(1,1)} \oplus 8076V^{(1),\varnothing} \oplus 1817V^{(1),(1)} \oplus 112V^{(2),\varnothing} \oplus 114V^{(1,1),\varnothing}$
$k = 11: \quad 15462V^{\varnothing,\varnothing} \oplus 15936V^{\varnothing,(1)} \oplus 3598V^{\varnothing,(2)} \oplus 2510V^{\varnothing,(1,1)} \oplus 43V^{\varnothing,(3)} \oplus 41V^{\varnothing,(2,1)} \oplus 13716V^{(1),\varnothing} \oplus 12704V^{(1),(1)} \oplus 647V^{(1),(2)} \oplus 615V^{(1),(1,1)} \oplus 3076V^{(2),\varnothing} \oplus 545V^{(2),(1)} \oplus 3284V^{(1,1),\varnothing} \oplus 549V^{(1,1),(1)} \oplus 29V^{(3),\varnothing} \oplus 40V^{(2,1),\varnothing} \oplus 37V^{(1,1,1),\varnothing}$
$k = 10: \quad 11536V^{\varnothing,\varnothing} \oplus 15358V^{\varnothing,(1)} \oplus 5674V^{\varnothing,(2)} \oplus 3916V^{\varnothing,(1,1)} \oplus 1390V^{\varnothing,(3)} \oplus 1286V^{\varnothing,(2,1)} \oplus 12V^{\varnothing,(4)} \oplus 12V^{\varnothing,(3,1)} \oplus 9V^{\varnothing,(2,2)} \oplus 11356V^{(1),\varnothing} \oplus 20066V^{(1),(1)} \oplus 4696V^{(1),(2)} \oplus 3744V^{(1),(1,1)} \oplus 167V^{(1),(3)} \oplus 161V^{(1),(2,1)} \oplus 4660V^{(2),\varnothing} \oplus 4504V^{(2),(1)} \oplus 359V^{(2),(2)} \oplus 327V^{(2),(1,1)} \oplus 4960V^{(1,1),\varnothing} \oplus 4664V^{(1,1),(1)} \oplus 365V^{(1,1),(2)} \oplus 331V^{(1,1),(1,1)} \oplus 752V^{(3),\varnothing} \oplus 119V^{(3),(1)} \oplus 1618V^{(2,1),\varnothing} \oplus 149V^{(2,1),(1)} \oplus 1210V^{(1,1,1),\varnothing} \oplus 143V^{(1,1,1),(1)} \oplus 11V^{(3,1),\varnothing} \oplus 11V^{(2,2),\varnothing} \oplus 14V^{(2,1,1),\varnothing} \oplus 10V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 5050V^{\varnothing,\varnothing} \oplus 11425V^{\varnothing,(1)} \oplus 4520V^{\varnothing,(2)} \oplus 3320V^{\varnothing,(1,1)} \oplus 1830V^{\varnothing,(3)} \oplus 1730V^{\varnothing,(2,1)} \oplus 548V^{\varnothing,(4)} \oplus 548V^{\varnothing,(3,1)} \oplus 344V^{\varnothing,(2,2)} \oplus 3V^{\varnothing,(5)} \oplus 4V^{\varnothing,(4,1)} \oplus 3V^{\varnothing,(3,2)} \oplus 7136V^{(1),\varnothing} \oplus 17684V^{(1),(1)} \oplus 6954V^{(1),(2)} \oplus 5586V^{(1),(1,1)} \oplus 1728V^{(1),(3)} \oplus 1608V^{(1),(2,1)} \oplus 41V^{(1),(4)} \oplus 41V^{(1),(3,1)} \oplus 33V^{(1),(2,2)} \oplus 3120V^{(2),\varnothing} \oplus 6630V^{(2),(1)} \oplus 1796V^{(2),(2)} \oplus 1404V^{(2),(1,1)} \oplus 143V^{(2),(3)} \oplus 137V^{(2),(2,1)} \oplus 3280V^{(1,1),\varnothing} \oplus 6846V^{(1,1),(1)} \oplus 1892V^{(1,1),(2)} \oplus 1468V^{(1,1),(1,1)} \oplus 149V^{(1,1),(3)} \oplus 141V^{(1,1),(2,1)} \oplus 902V^{(3),\varnothing} \oplus 1272V^{(3),(1)} \oplus 99V^{(3),(2)} \oplus 82V^{(3),(1,1)} \oplus 2002V^{(2,1),\varnothing} \oplus 1920V^{(2,1),(1)} \oplus 133V^{(2,1),(2)} \oplus 104V^{(2,1),(1,1)} \oplus 1452V^{(1,1,1),\varnothing} \oplus 1632V^{(1,1,1),(1)} \oplus 125V^{(1,1,1),(2)} \oplus 99V^{(1,1,1),(1,1)} \oplus 464V^{(3,1),\varnothing} \oplus 31V^{(3,1),(1)} \oplus 464V^{(2,2),\varnothing} \oplus 31V^{(2,2),(1)} \oplus 668V^{(2,1,1),\varnothing} \oplus 37V^{(2,1,1),(1)} \oplus 312V^{(1,1,1,1),\varnothing} \oplus 29V^{(1,1,1,1),(1)} \oplus 3V^{(3,2),\varnothing} \oplus 4V^{(3,1,1),\varnothing} \oplus 4V^{(2,2,1),\varnothing} \oplus 4V^{(2,1,1,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 5640V^{\varnothing,(1)} \oplus 2511V^{\varnothing,(2)} \oplus 2043V^{\varnothing,(1,1)} \oplus 1080V^{\varnothing,(3)} \oplus 1080V^{\varnothing,(2,1)} \oplus 510V^{\varnothing,(4)} \oplus 510V^{\varnothing,(3,1)} \oplus 360V^{\varnothing,(2,2)} \oplus 146V^{\varnothing,(5)} \oplus 222V^{\varnothing,(4,1)} \oplus 146V^{\varnothing,(3,2)} \oplus V^{\varnothing,(5,1)} \oplus V^{\varnothing,(4,2)} \oplus 2280V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 5280V^{(1),(2)} \oplus 4496V^{(1),(1,1)} \oplus 2274V^{(1),(3)} \oplus 2166V^{(1),(2,1)} \oplus 632V^{(1),(4)} \oplus 632V^{(1),(3,1)} \oplus 468V^{(1),(2,2)} \oplus 9V^{(1),(5)} \oplus 11V^{(1),(4,1)} \oplus 9V^{(1),(3,2)} \oplus 1356V^{(2),\varnothing} \oplus 5136V^{(2),(1)} \oplus 2366V^{(2),(2)} \oplus 1886V^{(2),(1,1)} \oplus 660V^{(2),(3)} \oplus 612V^{(2),(2,1)} \oplus 41V^{(2),(4)} \oplus 41V^{(2),(3,1)} \oplus 33V^{(2),(2,2)} \oplus 1356V^{(1,1),\varnothing} \oplus 5232V^{(1,1),(1)} \oplus 2474V^{(1,1),(2)} \oplus 1958V^{(1,1),(1,1)} \oplus 708V^{(1,1),(3)} \oplus 644V^{(1,1),(2,1)} \oplus 45V^{(1,1),(4)} \oplus 45V^{(1,1),(3,1)} \oplus 35V^{(1,1),(2,2)} \oplus 428V^{(3),\varnothing} \oplus 1794V^{(3),(1)} \oplus 508V^{(3),(2)} \oplus 412V^{(3),(1,1)} \oplus 63V^{(3),(3)} \oplus 59V^{(3),(2,1)} \oplus 948V^{(2,1),\varnothing} \oplus 2538V^{(2,1),(1)} \oplus 800V^{(2,1),(2)} \oplus 580V^{(2,1),(1,1)} \oplus 91V^{(2,1),(3)} \oplus 83V^{(2,1),(2,1)} \oplus 688V^{(1,1,1),\varnothing} \oplus 2166V^{(1,1,1),(1)} \oplus 672V^{(1,1,1),(2)} \oplus 508V^{(1,1,1),(1,1)} \oplus 83V^{(1,1,1),(3)} \oplus 77V^{(1,1,1),(2,1)} \oplus 384V^{(3,1),\varnothing} \oplus 592V^{(3,1),(1)} \oplus 35V^{(3,1),(2)} \oplus 23V^{(3,1),(1,1)} \oplus 384V^{(2,2),\varnothing} \oplus 592V^{(2,2),(1)} \oplus 35V^{(2,2),(2)} \oplus 23V^{(2,2),(1,1)} \oplus 534V^{(2,1,1),\varnothing} \oplus 736V^{(2,1,1),(1)} \oplus 43V^{(2,1,1),(2)} \oplus 28V^{(2,1,1),(1,1)} \oplus 234V^{(1,1,1,1),\varnothing} \oplus 488V^{(1,1,1,1),(1)} \oplus 33V^{(1,1,1,1),(2)} \oplus 22V^{(1,1,1,1),(1,1)} \oplus 104V^{(3,2),\varnothing} \oplus 7V^{(3,2),(1)} \oplus 180V^{(3,1,1),\varnothing} \oplus 9V^{(3,1,1),(1)} \oplus 180V^{(2,2,1),\varnothing} \oplus 9V^{(2,2,1),(1)} \oplus 180V^{(2,1,1,1),\varnothing} \oplus 9V^{(2,1,1,1),(1)} \oplus V^{(3,2,1),\varnothing} \oplus V^{(3,1,1,1),\varnothing} \oplus V^{(2,2,1,1),\varnothing}$
$k = 7: \quad 1225V^{\varnothing,(1)} \oplus 700V^{\varnothing,(2)} \oplus 700V^{\varnothing,(1,1)} \oplus 315V^{\varnothing,(3)} \oplus 315V^{\varnothing,(2,1)} \oplus 140V^{\varnothing,(4)} \oplus 140V^{\varnothing,(3,1)} \oplus 140V^{\varnothing,(2,2)} \oplus 70V^{\varnothing,(5)} \oplus 70V^{\varnothing,(4,1)} \oplus 70V^{\varnothing,(3,2)} \oplus 35V^{\varnothing,(5,1)} \oplus 35V^{\varnothing,(4,2)} \oplus 196V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2580V^{(1),(1,1)} \oplus 1360V^{(1),(3)} \oplus 1360V^{(1),(2,1)} \oplus 650V^{(1),(4)} \oplus 650V^{(1),(3,1)} \oplus 550V^{(1),(2,2)} \oplus 204V^{(1),(5)} \oplus 256V^{(1),(4,1)} \oplus 204V^{(1),(3,2)} \oplus 3V^{(1),(5,1)} \oplus 3V^{(1),(4,2)} \oplus 140V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1580V^{(2),(2)} \oplus 1352V^{(2),(1,1)} \oplus 774V^{(2),(3)} \oplus 738V^{(2),(2,1)} \oplus 232V^{(2),(4)} \oplus 232V^{(2),(3,1)} \oplus 168V^{(2),(2,2)} \oplus 9V^{(2),(5)} \oplus 11V^{(2),(4,1)} \oplus 9V^{(2),(3,2)} \oplus 140V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1616V^{(1,1),(2)} \oplus 1376V^{(1,1),(1,1)} \oplus 810V^{(1,1),(3)} \oplus 762V^{(1,1),(2,1)} \oplus 248V^{(1,1),(4)} \oplus 248V^{(1,1),(3,1)} \oplus 176V^{(1,1),(2,2)} \oplus 11V^{(1,1),(5)} \oplus 13V^{(1,1),(4,1)} \oplus 11V^{(1,1),(3,2)} \oplus 84V^{(3),\varnothing} \oplus$

Table 139: Table for $\lambda = (3,2,1,1)$, $\mu = (5,1,1)$:

$k = 14: \quad 63V^{\varnothing,\varnothing}$
$k = 13: \quad 8685V^{\varnothing,\varnothing} \oplus 736V^{\varnothing,(1)} \oplus 392V^{(1),\varnothing}$
$k = 12: \quad 16168V^{\varnothing,\varnothing} \oplus 9852V^{\varnothing,(1)} \oplus 174V^{\varnothing,(2)} \oplus 166V^{\varnothing,(1,1)} \oplus 8538V^{(1),\varnothing} \oplus 1823V^{(1),(1)} \oplus 142V^{(2),\varnothing} \oplus 144V^{(1,1),\varnothing}$
$k = 11: \quad 16183V^{\varnothing,\varnothing} \oplus 16836V^{\varnothing,(1)} \oplus 3598V^{\varnothing,(2)} \oplus 3270V^{\varnothing,(1,1)} \oplus 43V^{\varnothing,(3)} \oplus 41V^{\varnothing,(2,1)} \oplus 32V^{\varnothing,(1,1,1)} \oplus 14202V^{(1),\varnothing} \oplus 13304V^{(1),(1)} \oplus 647V^{(1),(2)} \oplus 617V^{(1),(1,1)} \oplus 3242V^{(2),\varnothing} \oplus 551V^{(2),(1)} \oplus 3450V^{(1,1),\varnothing} \oplus 557V^{(1,1),(1)} \oplus 36V^{(3),\varnothing} \oplus 48V^{(2,1),\varnothing} \oplus 45V^{(1,1,1),\varnothing}$
$k = 10: \quad 11630V^{\varnothing,\varnothing} \oplus 15998V^{\varnothing,(1)} \oplus 5674V^{\varnothing,(2)} \oplus 5266V^{\varnothing,(1,1)} \oplus 1390V^{\varnothing,(3)} \oplus 1286V^{\varnothing,(2,1)} \oplus 818V^{\varnothing,(1,1,1)} \oplus 12V^{\varnothing,(4)} \oplus 12V^{\varnothing,(3,1)} \oplus 9V^{\varnothing,(2,1,1)} \oplus 12422V^{(1),\varnothing} \oplus 21038V^{(1),(1)} \oplus 4696V^{(1),(2)} \oplus 4264V^{(1),(1,1)} \oplus 167V^{(1),(3)} \oplus 161V^{(1),(2,1)} \oplus 129V^{(1),(1,1,1)} \oplus 4782V^{(2),\varnothing} \oplus 4744V^{(2),(1)} \oplus 359V^{(2),(2)} \oplus 329V^{(2),(1,1)} \oplus 5082V^{(1,1),\varnothing} \oplus 4984V^{(1,1),(1)} \oplus 365V^{(1,1),(2)} \oplus 333V^{(1,1),(1,1)} \oplus 782V^{(3),\varnothing} \oplus 123V^{(3),(1)} \oplus 1658V^{(2,1),\varnothing} \oplus 157V^{(2,1),(1)} \oplus 1250V^{(1,1,1),\varnothing} \oplus 149V^{(1,1,1),(1)} \oplus 12V^{(3,1),\varnothing} \oplus 12V^{(2,2),\varnothing} \oplus 15V^{(2,1,1),\varnothing} \oplus 11V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 5085V^{\varnothing,\varnothing} \oplus 11665V^{\varnothing,(1)} \oplus 4520V^{\varnothing,(2)} \oplus 4360V^{\varnothing,(1,1)} \oplus 1830V^{\varnothing,(3)} \oplus 1730V^{\varnothing,(2,1)} \oplus 1180V^{\varnothing,(1,1,1)} \oplus 548V^{\varnothing,(4)} \oplus 548V^{\varnothing,(3,1)} \oplus 344V^{\varnothing,(2,1,1)} \oplus 3V^{\varnothing,(5)} \oplus 4V^{\varnothing,(4,1)} \oplus 3V^{\varnothing,(3,1,1)} \oplus 7425V^{(1),\varnothing} \oplus 18260V^{(1),(1)} \oplus 6954V^{(1),(2)} \oplus 6486V^{(1),(1,1)} \oplus 1728V^{(1),(3)} \oplus 1608V^{(1),(2,1)} \oplus 1184V^{(1),(1,1,1)} \oplus 41V^{(1),(4)} \oplus 41V^{(1),(3,1)} \oplus 33V^{(1),(2,1,1)} \oplus 3400V^{(2),\varnothing} \oplus 6954V^{(2),(1)} \oplus 1796V^{(2),(2)} \oplus 1604V^{(2),(1,1)} \oplus 143V^{(2),(3)} \oplus 137V^{(2),(2,1)} \oplus 105V^{(2),(1,1,1)} \oplus 3560V^{(1,1),\varnothing} \oplus 7278V^{(1,1),(1)} \oplus 1892V^{(1,1),(2)} \oplus 1668V^{(1,1),(1,1)} \oplus 149V^{(1,1),(3)} \oplus 141V^{(1,1),(2,1)} \oplus 107V^{(1,1),(1,1,1)} \oplus 920V^{(3),\varnothing} \oplus 1352V^{(3),(1)} \oplus 99V^{(3),(2)} \oplus 83V^{(3),(1,1)} \oplus 2020V^{(2,1),\varnothing} \oplus 2080V^{(2,1),(1)} \oplus 133V^{(2,1),(2)} \oplus 107V^{(2,1),(1,1)} \oplus 1470V^{(1,1,1),\varnothing} \oplus 1752V^{(1,1,1),(1)} \oplus 125V^{(1,1,1),(2)} \oplus 101V^{(1,1,1),(1,1)} \oplus 468V^{(3,1),\varnothing} \oplus 35V^{(3,1),(1)} \oplus 468V^{(2,2),\varnothing} \oplus 35V^{(2,2),(1)} \oplus 672V^{(2,1,1),\varnothing} \oplus 43V^{(2,1,1),(1)} \oplus 316V^{(1,1,1,1),\varnothing} \oplus 33V^{(1,1,1,1),(1)} \oplus 3V^{(3,2),\varnothing} \oplus 4V^{(3,1,1),\varnothing} \oplus 4V^{(2,2,1),\varnothing} \oplus 4V^{(2,1,1,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 5640V^{\varnothing,(1)} \oplus 2511V^{\varnothing,(2)} \oplus 2511V^{\varnothing,(1,1)} \oplus 1080V^{\varnothing,(3)} \oplus 1080V^{\varnothing,(2,1)} \oplus 820V^{\varnothing,(1,1,1)} \oplus 510V^{\varnothing,(4)} \oplus 510V^{\varnothing,(3,1)} \oplus 360V^{\varnothing,(2,1,1)} \oplus 146V^{\varnothing,(5)} \oplus 222V^{\varnothing,(4,1)} \oplus 146V^{\varnothing,(3,1,1)} \oplus V^{\varnothing,(5,1)} \oplus V^{\varnothing,(4,1,1)} \oplus 2430V^{(1),\varnothing} \oplus 12068V^{(1),(1)} \oplus 5280V^{(1),(2)} \oplus 5136V^{(1),(1,1)} \oplus 2274V^{(1),(3)} \oplus 2166V^{(1),(2,1)} \oplus 1758V^{(1),(1,1,1)} \oplus 632V^{(1),(4)} \oplus 632V^{(1),(3,1)} \oplus 468V^{(1),(2,1,1)} \oplus 9V^{(1),(5)} \oplus 11V^{(1),(4,1)} \oplus 9V^{(1),(3,1,1)} \oplus 1461V^{(2),\varnothing} \oplus 5280V^{(2),(1)} \oplus 2366V^{(2),(2)} \oplus 2210V^{(2),(1,1)} \oplus 660V^{(2),(3)} \oplus 612V^{(2),(2,1)} \oplus 436V^{(2),(1,1,1)} \oplus 41V^{(2),(4)} \oplus 41V^{(2),(3,1)} \oplus 33V^{(2),(2,1,1)} \oplus 1461V^{(1,1),\varnothing} \oplus 5424V^{(1,1),(1)} \oplus 2474V^{(1,1),(2)} \oplus 2282V^{(1,1),(1,1)} \oplus 708V^{(1,1),(3)} \oplus 644V^{(1,1),(2,1)} \oplus 452V^{(1,1),(1,1,1)} \oplus 45V^{(1,1),(4)} \oplus 45V^{(1,1),(3,1)} \oplus 35V^{(1,1),(2,1,1)} \oplus 500V^{(3),\varnothing} \oplus 1866V^{(3),(1)} \oplus 508V^{(3),(2)} \oplus 452V^{(3),(1,1)} \oplus 63V^{(3),(3)} \oplus 59V^{(3),(2,1)} \oplus 42V^{(3),(1,1,1)} \oplus 1020V^{(2,1),\varnothing} \oplus 2682V^{(2,1),(1)} \oplus 800V^{(2,1),(2)} \oplus 700V^{(2,1),(1,1)} \oplus 91V^{(2,1),(3)} \oplus 83V^{(2,1),(2,1)} \oplus 54V^{(2,1),(1,1,1)} \oplus 760V^{(1,1,1),\varnothing} \oplus 2274V^{(1,1,1),(1)} \oplus 672V^{(1,1,1),(2)} \oplus 588V^{(1,1,1),(1,1)} \oplus 83V^{(1,1,1),(3)} \oplus 77V^{(1,1,1),(2,1)} \oplus 51V^{(1,1,1),(1,1,1)} \oplus 390V^{(3,1),\varnothing} \oplus 632V^{(3,1),(1)} \oplus 35V^{(3,1),(2)} \oplus 25V^{(3,1),(1,1)} \oplus 390V^{(2,2),\varnothing} \oplus 632V^{(2,2),(1)} \oplus 35V^{(2,2),(2)} \oplus 25V^{(2,2),(1,1)} \oplus 540V^{(2,1,1),\varnothing} \oplus 796V^{(2,1,1),(1)} \oplus 43V^{(2,1,1),(2)} \oplus 31V^{(2,1,1),(1,1)} \oplus 240V^{(1,1,1,1),\varnothing} \oplus 528V^{(1,1,1,1),(1)} \oplus 33V^{(1,1,1,1),(2)} \oplus 23V^{(1,1,1,1),(1,1)} \oplus 106V^{(3,2),\varnothing} \oplus 9V^{(3,2),(1)} \oplus 182V^{(3,1,1),\varnothing} \oplus 11V^{(3,1,1),(1)} \oplus 182V^{(2,2,1),\varnothing} \oplus 11V^{(2,2,1),(1)} \oplus 182V^{(2,1,1,1),\varnothing} \oplus 11V^{(2,1,1,1),(1)} \oplus V^{(3,2,1),\varnothing} \oplus V^{(3,1,1,1),\varnothing} \oplus V^{(2,2,1,1),\varnothing}$
$k = 7: \quad 1225V^{\varnothing,(1)} \oplus 700V^{\varnothing,(2)} \oplus 700V^{\varnothing,(1,1)} \oplus 315V^{\varnothing,(3)} \oplus 315V^{\varnothing,(2,1)} \oplus 315V^{\varnothing,(1,1,1)} \oplus 140V^{\varnothing,(4)} \oplus 140V^{\varnothing,(3,1)} \oplus 140V^{\varnothing,(2,1,1)} \oplus 70V^{\varnothing,(5)} \oplus 70V^{\varnothing,(4,1)} \oplus 70V^{\varnothing,(3,1,1)} \oplus 35V^{\varnothing,(5,1)} \oplus 35V^{\varnothing,(4,1,1)} \oplus 225V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1360V^{(1),(3)} \oplus 1360V^{(1),(2,1)} \oplus 1200V^{(1),(1,1,1)} \oplus 650V^{(1),(4)} \oplus 650V^{(1),(3,1)} \oplus 550V^{(1),(2,1,1)} \oplus 204V^{(1),(5)} \oplus 256V^{(1),(4,1)} \oplus 204V^{(1),(3,1,1)} \oplus 3V^{(1),(5,1)} \oplus 3V^{(1),(4,1,1)} \oplus 165V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1580V^{(2),(2)} \oplus 1544V^{(2),(1,1)} \oplus 774V^{(2),(3)} \oplus$

Table 140: Table for $\lambda = (3,2,1,1)$, $\mu = (4,3)$:

$k = 14: \quad 46V^{\varnothing,\varnothing}$
$k = 13: \quad 8426V^{\varnothing,\varnothing} \oplus 711V^{\varnothing,(1)} \oplus 313V^{(1),\varnothing}$
$k = 12: \quad 15824V^{\varnothing,\varnothing} \oplus 9148V^{\varnothing,(1)} \oplus 168V^{\varnothing,(2)} \oplus 165V^{\varnothing,(1,1)} \oplus 8070V^{(1),\varnothing} \oplus 1721V^{(1),(1)} \oplus 111V^{(2),\varnothing} \oplus 113V^{(1,1),\varnothing}$
$k = 11: \quad 15462V^{\varnothing,\varnothing} \oplus 15798V^{\varnothing,(1)} \oplus 3478V^{\varnothing,(2)} \oplus 2510V^{\varnothing,(1,1)} \oplus 41V^{\varnothing,(3)} \oplus 41V^{\varnothing,(2,1)} \oplus 13716V^{(1),\varnothing} \oplus 12320V^{(1),(1)} \oplus 623V^{(1),(2)} \oplus 615V^{(1),(1,1)} \oplus 3076V^{(2),\varnothing} \oplus 473V^{(2),(1)} \oplus 3284V^{(1,1),\varnothing} \oplus 477V^{(1,1),(1)} \oplus 29V^{(3),\varnothing} \oplus 40V^{(2,1),\varnothing} \oplus 37V^{(1,1,1),\varnothing}$
$k = 10: \quad 11536V^{\varnothing,\varnothing} \oplus 15358V^{\varnothing,(1)} \oplus 5566V^{\varnothing,(2)} \oplus 3916V^{\varnothing,(1,1)} \oplus 1286V^{\varnothing,(3)} \oplus 1286V^{\varnothing,(2,1)} \oplus 9V^{\varnothing,(4)} \oplus 12V^{\varnothing,(3,1)} \oplus 11V^{\varnothing,(2,2)} \oplus 11356V^{(1),\varnothing} \oplus 19874V^{(1),(1)} \oplus 4504V^{(1),(2)} \oplus 3744V^{(1),(1,1)} \oplus 161V^{(1),(3)} \oplus 161V^{(1),(2,1)} \oplus 4660V^{(2),\varnothing} \oplus 4360V^{(2),(1)} \oplus 335V^{(2),(2)} \oplus 327V^{(2),(1,1)} \oplus 4960V^{(1,1),\varnothing} \oplus 4520V^{(1,1),(1)} \oplus 341V^{(1,1),(2)} \oplus 331V^{(1,1),(1,1)} \oplus 752V^{(3),\varnothing} \oplus 95V^{(3),(1)} \oplus 1618V^{(2,1),\varnothing} \oplus 125V^{(2,1),(1)} \oplus 1210V^{(1,1,1),\varnothing} \oplus 119V^{(1,1,1),(1)} \oplus 11V^{(3,1),\varnothing} \oplus 11V^{(2,2),\varnothing} \oplus 14V^{(2,1,1),\varnothing} \oplus 10V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 5050V^{\varnothing,\varnothing} \oplus 11425V^{\varnothing,(1)} \oplus 4520V^{\varnothing,(2)} \oplus 3320V^{\varnothing,(1,1)} \oplus 1730V^{\varnothing,(3)} \oplus 1730V^{\varnothing,(2,1)} \oplus 344V^{\varnothing,(4)} \oplus 548V^{\varnothing,(3,1)} \oplus 396V^{\varnothing,(2,2)} \oplus 3V^{\varnothing,(4,1)} \oplus 4V^{\varnothing,(3,2)} \oplus 7136V^{(1),\varnothing} \oplus 17684V^{(1),(1)} \oplus 6810V^{(1),(2)} \oplus 5586V^{(1),(1,1)} \oplus 1608V^{(1),(3)} \oplus 1608V^{(1),(2,1)} \oplus 33V^{(1),(4)} \oplus 41V^{(1),(3,1)} \oplus 39V^{(1),(2,2)} \oplus 3120V^{(2),\varnothing} \oplus 6630V^{(2),(1)} \oplus 1700V^{(2),(2)} \oplus 1404V^{(2),(1,1)} \oplus 137V^{(2),(3)} \oplus 137V^{(2),(2,1)} \oplus 3280V^{(1,1),\varnothing} \oplus 6846V^{(1,1),(1)} \oplus 1796V^{(1,1),(2)} \oplus 1468V^{(1,1),(1,1)} \oplus 141V^{(1,1),(3)} \oplus 141V^{(1,1),(2,1)} \oplus 902V^{(3),\varnothing} \oplus 1272V^{(3),(1)} \oplus 87V^{(3),(2)} \oplus 82V^{(3),(1,1)} \oplus 2002V^{(2,1),\varnothing} \oplus 1920V^{(2,1),(1)} \oplus 115V^{(2,1),(2)} \oplus 104V^{(2,1),(1,1)} \oplus 1452V^{(1,1,1),\varnothing} \oplus 1632V^{(1,1,1),(1)} \oplus 107V^{(1,1,1),(2)} \oplus 99V^{(1,1,1),(1,1)} \oplus 464V^{(3,1),\varnothing} \oplus 31V^{(3,1),(1)} \oplus 464V^{(2,2),\varnothing} \oplus 31V^{(2,2),(1)} \oplus 668V^{(2,1,1),\varnothing} \oplus 37V^{(2,1,1),(1)} \oplus 312V^{(1,1,1,1),\varnothing} \oplus 29V^{(1,1,1,1),(1)} \oplus 3V^{(3,2),\varnothing} \oplus 4V^{(3,1,1),\varnothing} \oplus 4V^{(2,2,1),\varnothing} \oplus 4V^{(2,1,1,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 5640V^{\varnothing,(1)} \oplus 2511V^{\varnothing,(2)} \oplus 2043V^{\varnothing,(1,1)} \oplus 1080V^{\varnothing,(3)} \oplus 1080V^{\varnothing,(2,1)} \oplus 360V^{\varnothing,(4)} \oplus 510V^{\varnothing,(3,1)} \oplus 360V^{\varnothing,(2,2)} \oplus 146V^{\varnothing,(4,1)} \oplus 222V^{\varnothing,(3,2)} \oplus V^{\varnothing,(4,2)} \oplus V^{\varnothing,(3,3)} \oplus 2196V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 5280V^{(1),(2)} \oplus 4496V^{(1),(1,1)} \oplus 2166V^{(1),(3)} \oplus 2166V^{(1),(2,1)} \oplus 468V^{(1),(4)} \oplus 632V^{(1),(3,1)} \oplus 528V^{(1),(2,2)} \oplus 9V^{(1),(4,1)} \oplus 11V^{(1),(3,2)} \oplus 1356V^{(2),\varnothing} \oplus 5136V^{(2),(1)} \oplus 2318V^{(2),(2)} \oplus 1886V^{(2),(1,1)} \oplus 612V^{(2),(3)} \oplus 612V^{(2),(2,1)} \oplus 33V^{(2),(4)} \oplus 41V^{(2),(3,1)} \oplus 39V^{(2),(2,2)} \oplus 1356V^{(1,1),\varnothing} \oplus 5232V^{(1,1),(1)} \oplus 2426V^{(1,1),(2)} \oplus 1958V^{(1,1),(1,1)} \oplus 644V^{(1,1),(3)} \oplus 644V^{(1,1),(2,1)} \oplus 35V^{(1,1),(4)} \oplus 45V^{(1,1),(3,1)} \oplus 43V^{(1,1),(2,2)} \oplus 428V^{(3),\varnothing} \oplus 1794V^{(3),(1)} \oplus 484V^{(3),(2)} \oplus 412V^{(3),(1,1)} \oplus 59V^{(3),(3)} \oplus 59V^{(3),(2,1)} \oplus 948V^{(2,1),\varnothing} \oplus 2538V^{(2,1),(1)} \oplus 764V^{(2,1),(2)} \oplus 580V^{(2,1),(1,1)} \oplus 83V^{(2,1),(3)} \oplus 83V^{(2,1),(2,1)} \oplus 688V^{(1,1,1),\varnothing} \oplus 2166V^{(1,1,1),(1)} \oplus 636V^{(1,1,1),(2)} \oplus 508V^{(1,1,1),(1,1)} \oplus 77V^{(1,1,1),(3)} \oplus 77V^{(1,1,1),(2,1)} \oplus 384V^{(3,1),\varnothing} \oplus 592V^{(3,1),(1)} \oplus 29V^{(3,1),(2)} \oplus 23V^{(3,1),(1,1)} \oplus 384V^{(2,2),\varnothing} \oplus 592V^{(2,2),(1)} \oplus 29V^{(2,2),(2)} \oplus 23V^{(2,2),(1,1)} \oplus 534V^{(2,1,1),\varnothing} \oplus 736V^{(2,1,1),(1)} \oplus 37V^{(2,1,1),(2)} \oplus 28V^{(2,1,1),(1,1)} \oplus 234V^{(1,1,1,1),\varnothing} \oplus 488V^{(1,1,1,1),(1)} \oplus 27V^{(1,1,1,1),(2)} \oplus 22V^{(1,1,1,1),(1,1)} \oplus 104V^{(3,2),\varnothing} \oplus 7V^{(3,2),(1)} \oplus 180V^{(3,1,1),\varnothing} \oplus 9V^{(3,1,1),(1)} \oplus 180V^{(2,2,1),\varnothing} \oplus 9V^{(2,2,1),(1)} \oplus 180V^{(2,1,1,1),\varnothing} \oplus 9V^{(2,1,1,1),(1)} \oplus V^{(3,2,1),\varnothing} \oplus V^{(3,1,1,1),\varnothing} \oplus V^{(2,2,1,1),\varnothing}$
$k = 7: \quad 1225V^{\varnothing,(1)} \oplus 700V^{\varnothing,(2)} \oplus 700V^{\varnothing,(1,1)} \oplus 315V^{\varnothing,(3)} \oplus 315V^{\varnothing,(2,1)} \oplus 140V^{\varnothing,(4)} \oplus 140V^{\varnothing,(3,1)} \oplus 140V^{\varnothing,(2,2)} \oplus 70V^{\varnothing,(4,1)} \oplus 70V^{\varnothing,(3,2)} \oplus 35V^{\varnothing,(4,2)} \oplus 35V^{\varnothing,(3,3)} \oplus 196V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2580V^{(1),(1,1)} \oplus 1360V^{(1),(3)} \oplus 1360V^{(1),(2,1)} \oplus 550V^{(1),(4)} \oplus 650V^{(1),(3,1)} \oplus 550V^{(1),(2,2)} \oplus 204V^{(1),(4,1)} \oplus 256V^{(1),(3,2)} \oplus 3V^{(1),(4,2)} \oplus 3V^{(1),(3,3)} \oplus 126V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1580V^{(2),(2)} \oplus 1352V^{(2),(1,1)} \oplus 738V^{(2),(3)} \oplus 738V^{(2),(2,1)} \oplus 168V^{(2),(4)} \oplus 232V^{(2),(3,1)} \oplus 192V^{(2),(2,2)} \oplus 9V^{(2),(4,1)} \oplus 11V^{(2),(3,2)} \oplus 126V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1616V^{(1,1),(2)} \oplus 1376V^{(1,1),(1,1)} \oplus 762V^{(1,1),(3)} \oplus 762V^{(1,1),(2,1)} \oplus 176V^{(1,1),(4)} \oplus 248V^{(1,1),(3,1)} \oplus 208V^{(1,1),(2,2)} \oplus 11V^{(1,1),(4,1)} \oplus 13V^{(1,1),(3,2)} \oplus 84V^{(3),\varnothing} \oplus 1200V^{(3),(1)} \oplus 630V^{(3),(2)} \oplus 552V^{(3),(1,1)} \oplus 188V^{(3),(3)} \oplus 188V^{(3),(2,1)} \oplus 18V^{(3),(4)} \oplus$

Table 141: Table for $\lambda = (3,2,1,1)$, $\mu = (4,2,1)$:

$k = 14: \quad 373V^{\varnothing,\varnothing}$
$k = 13: \quad 9905V^{\varnothing,\varnothing} \oplus 867V^{\varnothing,(1)} \oplus 867V^{(1),\varnothing}$
$k = 12: \quad 17740V^{\varnothing,\varnothing} \oplus 10480V^{\varnothing,(1)} \oplus 205V^{\varnothing,(2)} \oplus 203V^{\varnothing,(1,1)} \oplus 10480V^{(1),\varnothing} \oplus 2303V^{(1),(1)} \oplus 203V^{(2),\varnothing} \oplus 205V^{(1,1),\varnothing}$
$k = 11: \quad 18307V^{\varnothing,\varnothing} \oplus 17298V^{\varnothing,(1)} \oplus 4018V^{\varnothing,(2)} \oplus 3810V^{\varnothing,(1,1)} \oplus 49V^{\varnothing,(3)} \oplus 52V^{\varnothing,(2,1)} \oplus 40V^{\varnothing,(1,1,1)} \oplus 17298V^{(1),\varnothing} \oplus 14432V^{(1),(1)} \oplus 773V^{(1),(2)} \oplus 767V^{(1),(1,1)} \oplus 3810V^{(2),\varnothing} \oplus 767V^{(2),(1)} \oplus 4018V^{(1,1),\varnothing} \oplus 773V^{(1,1),(1)} \oplus 40V^{(3),\varnothing} \oplus 52V^{(2,1),\varnothing} \oplus 49V^{(1,1,1),\varnothing}$
$k = 10:$ $14255V^{\varnothing,\varnothing} \oplus 16142V^{\varnothing,(1)} \oplus 6082V^{\varnothing,(2)} \oplus 5782V^{\varnothing,(1,1)} \oplus 1450V^{\varnothing,(3)} \oplus 1858V^{\varnothing,(2,1)} \oplus 982V^{\varnothing,(1,1,1)} \oplus 11V^{\varnothing,(4)} \oplus 15V^{\varnothing,(3,1)} \oplus 12V^{\varnothing,(2,2)} \oplus 12V^{\varnothing,(2,1,1)} \oplus 16142V^{(1),\varnothing} \oplus 21662V^{(1),(1)} \oplus 5320V^{(1),(2)} \oplus 5080V^{(1),(1,1)} \oplus 191V^{(1),(3)} \oplus 199V^{(1),(2,1)} \oplus 159V^{(1),(1,1,1)} \oplus 5782V^{(2),\varnothing} \oplus 5080V^{(2),(1)} \oplus 461V^{(2),(2)} \oplus 455V^{(2),(1,1)} \oplus 6082V^{(1,1),\varnothing} \oplus 5320V^{(1,1),(1)} \oplus 469V^{(1,1),(2)} \oplus 461V^{(1,1),(1,1)} \oplus 982V^{(3),\varnothing} \oplus 159V^{(3),(1)} \oplus 1858V^{(2,1),\varnothing} \oplus 199V^{(2,1),(1)} \oplus 1450V^{(1,1,1),\varnothing} \oplus 191V^{(1,1,1),(1)} \oplus 12V^{(3,1),\varnothing} \oplus 12V^{(2,2),\varnothing} \oplus 15V^{(2,1,1),\varnothing} \oplus 11V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 8235V^{\varnothing,\varnothing} \oplus 11665V^{\varnothing,(1)} \oplus 4680V^{\varnothing,(2)} \oplus 4520V^{\varnothing,(1,1)} \oplus 1830V^{\varnothing,(3)} \oplus 2380V^{\varnothing,(2,1)} \oplus 1280V^{\varnothing,(1,1,1)} \oplus 396V^{\varnothing,(4)} \oplus 752V^{\varnothing,(3,1)} \oplus 548V^{\varnothing,(2,2)} \oplus 548V^{\varnothing,(2,1,1)} \oplus 4V^{\varnothing,(4,1)} \oplus 4V^{\varnothing,(3,2)} \oplus 4V^{\varnothing,(3,1,1)} \oplus 3V^{\varnothing,(2,2,1)} \oplus 11665V^{(1),\varnothing} \oplus 18404V^{(1),(1)} \oplus 7422V^{(1),(2)} \oplus 7098V^{(1),(1,1)} \oplus 1824V^{(1),(3)} \oplus 2152V^{(1),(2,1)} \oplus 1400V^{(1),(1,1,1)} \oplus 39V^{(1),(4)} \oplus 49V^{(1),(3,1)} \oplus 41V^{(1),(2,2)} \oplus 41V^{(1),(2,1,1)} \oplus 4520V^{(2),\varnothing} \oplus 7098V^{(2),(1)} \oplus 2060V^{(2),(2)} \oplus 1964V^{(2),(1,1)} \oplus 167V^{(2),(3)} \oplus 175V^{(2),(2,1)} \oplus 135V^{(2),(1,1,1)} \oplus 4680V^{(1,1),\varnothing} \oplus 7422V^{(1,1),(1)} \oplus 2188V^{(1,1),(2)} \oplus 2060V^{(1,1),(1,1)} \oplus 173V^{(1,1),(3)} \oplus 183V^{(1,1),(2,1)} \oplus 139V^{(1,1),(1,1,1)} \oplus 1280V^{(3),\varnothing} \oplus 1400V^{(3),(1)} \oplus 139V^{(3),(2)} \oplus 135V^{(3),(1,1)} \oplus 2380V^{(2,1),\varnothing} \oplus 2152V^{(2,1),(1)} \oplus 183V^{(2,1),(2)} \oplus 175V^{(2,1),(1,1)} \oplus 1830V^{(1,1,1),\varnothing} \oplus 1824V^{(1,1,1),(1)} \oplus 173V^{(1,1,1),(2)} \oplus 167V^{(1,1,1),(1,1)} \oplus 548V^{(3,1),\varnothing} \oplus 41V^{(3,1),(1)} \oplus 548V^{(2,2),\varnothing} \oplus 41V^{(2,2),(1)} \oplus 752V^{(2,1,1),\varnothing} \oplus 49V^{(2,1,1),(1)} \oplus 396V^{(1,1,1,1),\varnothing} \oplus 39V^{(1,1,1,1),(1)} \oplus 3V^{(3,2),\varnothing} \oplus 4V^{(3,1,1),\varnothing} \oplus 4V^{(2,2,1),\varnothing} \oplus 4V^{(2,1,1,1),\varnothing}$
$k = 8: \quad 1945V^{\varnothing,\varnothing} \oplus 5640V^{\varnothing,(1)} \oplus 2511V^{\varnothing,(2)} \oplus 2511V^{\varnothing,(1,1)} \oplus 1080V^{\varnothing,(3)} \oplus 1340V^{\varnothing,(2,1)} \oplus 820V^{\varnothing,(1,1,1)} \oplus 360V^{\varnothing,(4)} \oplus 660V^{\varnothing,(3,1)} \oplus 510V^{\varnothing,(2,2)} \oplus 510V^{\varnothing,(2,1,1)} \oplus 222V^{\varnothing,(4,1)} \oplus 222V^{\varnothing,(3,2)} \oplus 222V^{\varnothing,(3,1,1)} \oplus 146V^{\varnothing,(2,2,1)} \oplus V^{\varnothing,(4,2)} \oplus V^{\varnothing,(4,1,1)} \oplus V^{\varnothing,(3,2,1)} \oplus 5640V^{(1),\varnothing} \oplus 12068V^{(1),(1)} \oplus 5424V^{(1),(2)} \oplus 5280V^{(1),(1,1)} \oplus 2274V^{(1),(3)} \oplus 2682V^{(1),(2,1)} \oplus 1866V^{(1),(1,1,1)} \oplus 528V^{(1),(4)} \oplus 796V^{(1),(3,1)} \oplus 632V^{(1),(2,2)} \oplus 632V^{(1),(2,1,1)} \oplus 11V^{(1),(4,1)} \oplus 11V^{(1),(3,2)} \oplus 11V^{(1),(3,1,1)} \oplus 9V^{(1),(2,2,1)} \oplus 2511V^{(2),\varnothing} \oplus 5280V^{(2),(1)} \oplus 2522V^{(2),(2)} \oplus 2414V^{(2),(1,1)} \oplus 708V^{(2),(3)} \oplus 836V^{(2),(2,1)} \oplus 532V^{(2),(1,1,1)} \oplus 39V^{(2),(4)} \oplus 49V^{(2),(3,1)} \oplus 41V^{(2),(2,2)} \oplus 41V^{(2),(2,1,1)} \oplus 2511V^{(1,1),\varnothing} \oplus 5424V^{(1,1),(1)} \oplus 2666V^{(1,1),(2)} \oplus 2522V^{(1,1),(1,1)} \oplus 756V^{(1,1),(3)} \oplus 900V^{(1,1),(2,1)} \oplus 564V^{(1,1),(1,1,1)} \oplus 43V^{(1,1),(4)} \oplus 55V^{(1,1),(3,1)} \oplus 45V^{(1,1),(2,2)} \oplus 45V^{(1,1),(2,1,1)} \oplus 820V^{(3),\varnothing} \oplus 1866V^{(3),(1)} \oplus 564V^{(3),(2)} \oplus 532V^{(3),(1,1)} \oplus 75V^{(3),(3)} \oplus 80V^{(3),(2,1)} \oplus 58V^{(3),(1,1,1)} \oplus 1340V^{(2,1),\varnothing} \oplus 2682V^{(2,1),(1)} \oplus 900V^{(2,1),(2)} \oplus 836V^{(2,1),(1,1)} \oplus 109V^{(2,1),(3)} \oplus 120V^{(2,1),(2,1)} \oplus 80V^{(2,1),(1,1,1)} \oplus 1080V^{(1,1,1),\varnothing} \oplus 2274V^{(1,1,1),(1)} \oplus 756V^{(1,1,1),(2)} \oplus 708V^{(1,1,1),(1,1)} \oplus 101V^{(1,1,1),(3)} \oplus 109V^{(1,1,1),(2,1)} \oplus 75V^{(1,1,1),(1,1,1)} \oplus 510V^{(3,1),\varnothing} \oplus 632V^{(3,1),(1)} \oplus 45V^{(3,1),(2)} \oplus 41V^{(3,1),(1,1)} \oplus 510V^{(2,2),\varnothing} \oplus 632V^{(2,2),(1)} \oplus 45V^{(2,2),(2)} \oplus 41V^{(2,2),(1,1)} \oplus 660V^{(2,1,1),\varnothing} \oplus 796V^{(2,1,1),(1)} \oplus 55V^{(2,1,1),(2)} \oplus 49V^{(2,1,1),(1,1)} \oplus 360V^{(1,1,1,1),\varnothing} \oplus 528V^{(1,1,1,1),(1)} \oplus 43V^{(1,1,1,1),(2)} \oplus 39V^{(1,1,1,1),(1,1)} \oplus 146V^{(3,2),\varnothing} \oplus 9V^{(3,2),(1)} \oplus 222V^{(3,1,1),\varnothing} \oplus 11V^{(3,1,1),(1)} \oplus 222V^{(2,2,1),\varnothing} \oplus 11V^{(2,2,1),(1)} \oplus 222V^{(2,1,1,1),\varnothing} \oplus 11V^{(2,1,1,1),(1)} \oplus V^{(3,2,1),\varnothing} \oplus V^{(3,1,1,1),\varnothing} \oplus V^{(2,2,1,1),\varnothing}$
$k = 7: \quad 1225V^{\varnothing,(1)} \oplus 700V^{\varnothing,(2)} \oplus 700V^{\varnothing,(1,1)} \oplus 315V^{\varnothing,(3)} \oplus 315V^{\varnothing,(2,1)} \oplus 315V^{\varnothing,(1,1,1)} \oplus 140V^{\varnothing,(4)} \oplus 140V^{\varnothing,(3,1)} \oplus 140V^{\varnothing,(2,2)} \oplus 140V^{\varnothing,(2,1,1)} \oplus 70V^{\varnothing,(4,1)} \oplus 70V^{\varnothing,(3,2)} \oplus 70V^{\varnothing,(3,1,1)} \oplus 70V^{\varnothing,(2,2,1)} \oplus 35V^{\varnothing,(4,2)} \oplus 35V^{\varnothing,(4,1,1)} \oplus 35V^{\varnothing,(3,2,1)} \oplus 1225V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1360V^{(1),(3)} \oplus 1520V^{(1),(2,1)} \oplus$

Table 142: Table for $\lambda = (3,2,1,1)$, $\mu = (4,1,1,1)$:

$k = 14: \quad 180V^{\varnothing,\varnothing}$
$k = 13: \quad 9040V^{\varnothing,\varnothing} \oplus 742V^{\varnothing,(1)} \oplus 516V^{(1),\varnothing}$
$k = 12: \quad 16568V^{\varnothing,\varnothing} \oplus 10092V^{\varnothing,(1)} \oplus 174V^{\varnothing,(2)} \oplus 174V^{\varnothing,(1,1)} \oplus 9040V^{(1),\varnothing} \oplus 1847V^{(1),(1)} \oplus 160V^{(2),\varnothing} \oplus 162V^{(1,1),\varnothing}$
$k = 11: \quad 16714V^{\varnothing,\varnothing} \oplus 17160V^{\varnothing,(1)} \oplus 3598V^{\varnothing,(2)} \oplus 3598V^{\varnothing,(1,1)} \oplus 41V^{\varnothing,(3)} \oplus 43V^{\varnothing,(2,1)} \oplus 41V^{\varnothing,(1,1,1)} \oplus 14976V^{(1),\varnothing} \oplus 13688V^{(1),(1)} \oplus 647V^{(1),(2)} \oplus 647V^{(1),(1,1)} \oplus 3384V^{(2),\varnothing} \oplus 575V^{(2),(1)} \oplus 3592V^{(1,1),\varnothing} \oplus 581V^{(1,1),(1)} \oplus 37V^{(3),\varnothing} \oplus 49V^{(2,1),\varnothing} \oplus 46V^{(1,1,1),\varnothing}$
$k = 10:$ $12680V^{\varnothing,\varnothing} \oplus 16142V^{\varnothing,(1)} \oplus 5674V^{\varnothing,(2)} \oplus 5674V^{\varnothing,(1,1)} \oplus 1286V^{\varnothing,(3)} \oplus 1390V^{\varnothing,(2,1)} \oplus 1286V^{\varnothing,(1,1,1)} \oplus 9V^{\varnothing,(4)} \oplus 12V^{\varnothing,(3,1)} \oplus 12V^{\varnothing,(2,1,1)} \oplus 9V^{\varnothing,(1,1,1,1)} \oplus 13352V^{(1),\varnothing} \oplus 21470V^{(1),(1)} \oplus 4696V^{(1),(2)} \oplus 4696V^{(1),(1,1)} \oplus 161V^{(1),(3)} \oplus 167V^{(1),(2,1)} \oplus 161V^{(1),(1,1,1)} \oplus 5032V^{(2),\varnothing} \oplus 4936V^{(2),(1)} \oplus 359V^{(2),(2)} \oplus 359V^{(2),(1,1)} \oplus 5332V^{(1,1),\varnothing} \oplus 5176V^{(1,1),(1)} \oplus 365V^{(1,1),(2)} \oplus 365V^{(1,1),(1,1)} \oplus 832V^{(3),\varnothing} \oplus 135V^{(3),(1)} \oplus 1708V^{(2,1),\varnothing} \oplus 175V^{(2,1),(1)} \oplus 1300V^{(1,1,1),\varnothing} \oplus 167V^{(1,1,1),(1)} \oplus 12V^{(3,1),\varnothing} \oplus 12V^{(2,2),\varnothing} \oplus 15V^{(2,1,1),\varnothing} \oplus 11V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 5960V^{\varnothing,\varnothing} \oplus 11665V^{\varnothing,(1)} \oplus 4520V^{\varnothing,(2)} \oplus 4520V^{\varnothing,(1,1)} \oplus 1730V^{\varnothing,(3)} \oplus 1830V^{\varnothing,(2,1)} \oplus 1730V^{\varnothing,(1,1,1)} \oplus 344V^{\varnothing,(4)} \oplus 548V^{\varnothing,(3,1)} \oplus 548V^{\varnothing,(2,1,1)} \oplus 344V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(4,1)} \oplus 4V^{\varnothing,(3,1,1)} \oplus 3V^{\varnothing,(2,1,1,1)} \oplus 8600V^{(1),\varnothing} \oplus 18404V^{(1),(1)} \oplus 6954V^{(1),(2)} \oplus 6954V^{(1),(1,1)} \oplus 1608V^{(1),(3)} \oplus 1728V^{(1),(2,1)} \oplus 1608V^{(1),(1,1,1)} \oplus 33V^{(1),(4)} \oplus 41V^{(1),(3,1)} \oplus 41V^{(1),(2,1,1)} \oplus 33V^{(1),(1,1,1,1)} \oplus 3680V^{(2),\varnothing} \oplus 7098V^{(2),(1)} \oplus 1796V^{(2),(2)} \oplus 1796V^{(2),(1,1)} \oplus 137V^{(2),(3)} \oplus 143V^{(2),(2,1)} \oplus 137V^{(2),(1,1,1)} \oplus 3840V^{(1,1),\varnothing} \oplus 7422V^{(1,1),(1)} \oplus 1892V^{(1,1),(2)} \oplus 1892V^{(1,1),(1,1)} \oplus 141V^{(1,1),(3)} \oplus 149V^{(1,1),(2,1)} \oplus 141V^{(1,1),(1,1,1)} \oplus 1010V^{(3),\varnothing} \oplus 1400V^{(3),(1)} \oplus 99V^{(3),(2)} \oplus 99V^{(3),(1,1)} \oplus 2110V^{(2,1),\varnothing} \oplus 2152V^{(2,1),(1)} \oplus 133V^{(2,1),(2)} \oplus 133V^{(2,1),(1,1)} \oplus 1560V^{(1,1,1),\varnothing} \oplus 1824V^{(1,1,1),(1)} \oplus 125V^{(1,1,1),(2)} \oplus 125V^{(1,1,1),(1,1)} \oplus 488V^{(3,1),\varnothing} \oplus 41V^{(3,1),(1)} \oplus 488V^{(2,2),\varnothing} \oplus 41V^{(2,2),(1)} \oplus 692V^{(2,1,1),\varnothing} \oplus 49V^{(2,1,1),(1)} \oplus 336V^{(1,1,1,1),\varnothing} \oplus 39V^{(1,1,1,1),(1)} \oplus 3V^{(3,2),\varnothing} \oplus 4V^{(3,1,1),\varnothing} \oplus 4V^{(2,2,1),\varnothing} \oplus 4V^{(2,1,1,1),\varnothing}$
$k = 8: \quad 1420V^{\varnothing,\varnothing} \oplus 5640V^{\varnothing,(1)} \oplus 2511V^{\varnothing,(2)} \oplus 2511V^{\varnothing,(1,1)} \oplus 1080V^{\varnothing,(3)} \oplus 1080V^{\varnothing,(2,1)} \oplus 1080V^{\varnothing,(1,1,1)} \oplus 360V^{\varnothing,(4)} \oplus 510V^{\varnothing,(3,1)} \oplus 510V^{\varnothing,(2,1,1)} \oplus 360V^{\varnothing,(1,1,1,1)} \oplus 146V^{\varnothing,(4,1)} \oplus 222V^{\varnothing,(3,1,1)} \oplus 146V^{\varnothing,(2,1,1,1)} \oplus V^{\varnothing,(4,1,1)} \oplus V^{\varnothing,(3,1,1,1)} \oplus 3120V^{(1),\varnothing} \oplus 12068V^{(1),(1)} \oplus 5280V^{(1),(2)} \oplus 5280V^{(1),(1,1)} \oplus 2166V^{(1),(3)} \oplus 2274V^{(1),(2,1)} \oplus 2166V^{(1),(1,1,1)} \oplus 468V^{(1),(4)} \oplus 632V^{(1),(3,1)} \oplus 632V^{(1),(2,1,1)} \oplus 468V^{(1),(1,1,1,1)} \oplus 9V^{(1),(4,1)} \oplus 11V^{(1),(3,1,1)} \oplus 9V^{(1),(2,1,1,1)} \oplus 1736V^{(2),\varnothing} \oplus 5280V^{(2),(1)} \oplus 2366V^{(2),(2)} \oplus 2366V^{(2),(1,1)} \oplus 612V^{(2),(3)} \oplus 660V^{(2),(2,1)} \oplus 612V^{(2),(1,1,1)} \oplus 33V^{(2),(4)} \oplus 41V^{(2),(3,1)} \oplus 41V^{(2),(2,1,1)} \oplus 33V^{(2),(1,1,1,1)} \oplus 1736V^{(1,1),\varnothing} \oplus 5424V^{(1,1),(1)} \oplus 2474V^{(1,1),(2)} \oplus 2474V^{(1,1),(1,1)} \oplus 644V^{(1,1),(3)} \oplus 708V^{(1,1),(2,1)} \oplus 644V^{(1,1),(1,1,1)} \oplus 35V^{(1,1),(4)} \oplus 45V^{(1,1),(3,1)} \oplus 45V^{(1,1),(2,1,1)} \oplus 35V^{(1,1),(1,1,1,1)} \oplus 580V^{(3),\varnothing} \oplus 1866V^{(3),(1)} \oplus 508V^{(3),(2)} \oplus 508V^{(3),(1,1)} \oplus 59V^{(3),(3)} \oplus 63V^{(3),(2,1)} \oplus 59V^{(3),(1,1,1)} \oplus 1100V^{(2,1),\varnothing} \oplus 2682V^{(2,1),(1)} \oplus 800V^{(2,1),(2)} \oplus 800V^{(2,1),(1,1)} \oplus 83V^{(2,1),(3)} \oplus 91V^{(2,1),(2,1)} \oplus 83V^{(2,1),(1,1,1)} \oplus 840V^{(1,1,1),\varnothing} \oplus 2274V^{(1,1,1),(1)} \oplus 672V^{(1,1,1),(2)} \oplus 672V^{(1,1,1),(1,1)} \oplus 77V^{(1,1,1),(3)} \oplus 83V^{(1,1,1),(2,1)} \oplus 77V^{(1,1,1),(1,1,1)} \oplus 420V^{(3,1),\varnothing} \oplus 632V^{(3,1),(1)} \oplus 35V^{(3,1),(2)} \oplus 35V^{(3,1),(1,1)} \oplus 420V^{(2,2),\varnothing} \oplus 632V^{(2,2),(1)} \oplus 35V^{(2,2),(2)} \oplus 35V^{(2,2),(1,1)} \oplus 570V^{(2,1,1),\varnothing} \oplus 796V^{(2,1,1),(1)} \oplus 43V^{(2,1,1),(2)} \oplus 43V^{(2,1,1),(1,1)} \oplus 270V^{(1,1,1,1),\varnothing} \oplus 528V^{(1,1,1,1),(1)} \oplus 33V^{(1,1,1,1),(2)} \oplus 33V^{(1,1,1,1),(1,1)} \oplus 116V^{(3,2),\varnothing} \oplus 9V^{(3,2),(1)} \oplus 192V^{(3,1,1),\varnothing} \oplus 11V^{(3,1,1),(1)} \oplus 192V^{(2,2,1),\varnothing} \oplus 11V^{(2,2,1),(1)} \oplus 192V^{(2,1,1,1),\varnothing} \oplus 11V^{(2,1,1,1),(1)} \oplus V^{(3,2,1),\varnothing} \oplus V^{(3,1,1,1),\varnothing} \oplus V^{(2,2,1,1),\varnothing}$
$k = 7: \quad 1225V^{\varnothing,(1)} \oplus 700V^{\varnothing,(2)} \oplus 700V^{\varnothing,(1,1)} \oplus 315V^{\varnothing,(3)} \oplus 315V^{\varnothing,(2,1)} \oplus 315V^{\varnothing,(1,1,1)} \oplus 140V^{\varnothing,(4)} \oplus 140V^{\varnothing,(3,1)} \oplus 140V^{\varnothing,(2,1,1)} \oplus 140V^{\varnothing,(1,1,1,1)} \oplus 70V^{\varnothing,(4,1)} \oplus 70V^{\varnothing,(3,1,1)} \oplus 70V^{\varnothing,(2,1,1,1)} \oplus 35V^{\varnothing,(4,1,1)} \oplus 35V^{\varnothing,(3,1,1,1)} \oplus 400V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1360V^{(1),(3)} \oplus 1360V^{(1),(2,1)} \oplus 1360V^{(1),(1,1,1)} \oplus 550V^{(1),(4)} \oplus$

Table 143: Table for $\lambda = (3,2,1,1)$, $\mu = (3,3,1)$:

$k = 14: \quad 373V^{\varnothing,\varnothing}$
$k = 13: \quad 9415V^{\varnothing,\varnothing} \oplus 736V^{\varnothing,(1)} \oplus 659V^{(1),\varnothing}$
$k = 12: \quad 16760V^{\varnothing,\varnothing} \oplus 9852V^{\varnothing,(1)} \oplus 174V^{\varnothing,(2)} \oplus 174V^{\varnothing,(1,1)} \oplus 9288V^{(1),\varnothing} \oplus 1823V^{(1),(1)} \oplus 184V^{(2),\varnothing} \oplus 186V^{(1,1),\varnothing}$
$k = 11: \quad 16837V^{\varnothing,\varnothing} \oplus 16836V^{\varnothing,(1)} \oplus 3598V^{\varnothing,(2)} \oplus 3598V^{\varnothing,(1,1)} \oplus 40V^{\varnothing,(3)} \oplus 44V^{\varnothing,(2,1)} \oplus 34V^{\varnothing,(1,1,1)} \oplus 15174V^{(1),\varnothing} \oplus 13304V^{(1),(1)} \oplus 647V^{(1),(2)} \oplus 647V^{(1),(1,1)} \oplus 3434V^{(2),\varnothing} \oplus 551V^{(2),(1)} \oplus 3642V^{(1,1),\varnothing} \oplus 557V^{(1,1),(1)} \oplus 39V^{(3),\varnothing} \oplus 51V^{(2,1),\varnothing} \oplus 48V^{(1,1,1),\varnothing}$
$k = 10: \quad 12785V^{\varnothing,\varnothing} \oplus 15998V^{\varnothing,(1)} \oplus 5674V^{\varnothing,(2)} \oplus 5674V^{\varnothing,(1,1)} \oplus 982V^{\varnothing,(3)} \oplus 1694V^{\varnothing,(2,1)} \oplus 922V^{\varnothing,(1,1,1)} \oplus 12V^{\varnothing,(3,1)} \oplus 12V^{\varnothing,(2,2)} \oplus 10V^{\varnothing,(2,1,1)} \oplus 13538V^{(1),\varnothing} \oplus 21038V^{(1),(1)} \oplus 4696V^{(1),(2)} \oplus 4696V^{(1),(1,1)} \oplus 159V^{(1),(3)} \oplus 169V^{(1),(2,1)} \oplus 135V^{(1),(1,1,1)} \oplus 5082V^{(2),\varnothing} \oplus 4744V^{(2),(1)} \oplus 359V^{(2),(2)} \oplus 359V^{(2),(1,1)} \oplus 5382V^{(1,1),\varnothing} \oplus 4984V^{(1,1),(1)} \oplus 365V^{(1,1),(2)} \oplus 365V^{(1,1),(1,1)} \oplus 842V^{(3),\varnothing} \oplus 123V^{(3),(1)} \oplus 1718V^{(2,1),\varnothing} \oplus 157V^{(2,1),(1)} \oplus 1310V^{(1,1,1),\varnothing} \oplus 149V^{(1,1,1),(1)} \oplus 12V^{(3,1),\varnothing} \oplus 12V^{(2,2),\varnothing} \oplus 15V^{(2,1,1),\varnothing} \oplus 11V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 6765V^{\varnothing,\varnothing} \oplus 11665V^{\varnothing,(1)} \oplus 4520V^{\varnothing,(2)} \oplus 4520V^{\varnothing,(1,1)} \oplus 1280V^{\varnothing,(3)} \oplus 2280V^{\varnothing,(2,1)} \oplus 1280V^{\varnothing,(1,1,1)} \oplus 548V^{\varnothing,(3,1)} \oplus 548V^{\varnothing,(2,2)} \oplus 496V^{\varnothing,(2,1,1)} \oplus 4V^{\varnothing,(3,2)} \oplus 3V^{\varnothing,(3,1,1)} \oplus 3V^{\varnothing,(2,2,1)} \oplus 8634V^{(1),\varnothing} \oplus 18260V^{(1),(1)} \oplus 6954V^{(1),(2)} \oplus 6954V^{(1),(1,1)} \oplus 1400V^{(1),(3)} \oplus 1936V^{(1),(2,1)} \oplus 1304V^{(1),(1,1,1)} \oplus 41V^{(1),(3,1)} \oplus 41V^{(1),(2,2)} \oplus 35V^{(1),(2,1,1)} \oplus 3736V^{(2),\varnothing} \oplus 6954V^{(2),(1)} \oplus 1796V^{(2),(2)} \oplus 1796V^{(2),(1,1)} \oplus 135V^{(2),(3)} \oplus 145V^{(2),(2,1)} \oplus 111V^{(2),(1,1,1)} \oplus 3896V^{(1,1),\varnothing} \oplus 7278V^{(1,1),(1)} \oplus 1892V^{(1,1),(2)} \oplus 1892V^{(1,1),(1,1)} \oplus 139V^{(1,1),(3)} \oplus 151V^{(1,1),(2,1)} \oplus 115V^{(1,1),(1,1,1)} \oplus 1028V^{(3),\varnothing} \oplus 1352V^{(3),(1)} \oplus 99V^{(3),(2)} \oplus 99V^{(3),(1,1)} \oplus 2128V^{(2,1),\varnothing} \oplus 2080V^{(2,1),(1)} \oplus 133V^{(2,1),(2)} \oplus 133V^{(2,1),(1,1)} \oplus 1578V^{(1,1,1),\varnothing} \oplus 1752V^{(1,1,1),(1)} \oplus 125V^{(1,1,1),(2)} \oplus 125V^{(1,1,1),(1,1)} \oplus 492V^{(3,1),\varnothing} \oplus 35V^{(3,1),(1)} \oplus 492V^{(2,2),\varnothing} \oplus 35V^{(2,2),(1)} \oplus 696V^{(2,1,1),\varnothing} \oplus 43V^{(2,1,1),(1)} \oplus 340V^{(1,1,1,1),\varnothing} \oplus 33V^{(1,1,1,1),(1)} \oplus 3V^{(3,2),\varnothing} \oplus 4V^{(3,1,1),\varnothing} \oplus 4V^{(2,2,1),\varnothing} \oplus 4V^{(2,1,1,1),\varnothing}$
$k = 8: \quad 1455V^{\varnothing,\varnothing} \oplus 5640V^{\varnothing,(1)} \oplus 2511V^{\varnothing,(2)} \oplus 2511V^{\varnothing,(1,1)} \oplus 820V^{\varnothing,(3)} \oplus 1340V^{\varnothing,(2,1)} \oplus 820V^{\varnothing,(1,1,1)} \oplus 510V^{\varnothing,(3,1)} \oplus 510V^{\varnothing,(2,2)} \oplus 510V^{\varnothing,(2,1,1)} \oplus 222V^{\varnothing,(3,2)} \oplus 146V^{\varnothing,(3,1,1)} \oplus 146V^{\varnothing,(2,2,1)} \oplus V^{\varnothing,(3,3)} \oplus V^{\varnothing,(3,2,1)} \oplus 3456V^{(1),\varnothing} \oplus 12068V^{(1),(1)} \oplus 5280V^{(1),(2)} \oplus 5280V^{(1),(1,1)} \oplus 1866V^{(1),(3)} \oplus 2574V^{(1),(2,1)} \oplus 1866V^{(1),(1,1,1)} \oplus 632V^{(1),(3,1)} \oplus 632V^{(1),(2,2)} \oplus 572V^{(1),(2,1,1)} \oplus 11V^{(1),(3,2)} \oplus 9V^{(1),(3,1,1)} \oplus 9V^{(1),(2,2,1)} \oplus 1776V^{(2),\varnothing} \oplus 5280V^{(2),(1)} \oplus 2366V^{(2),(2)} \oplus 2366V^{(2),(1,1)} \oplus 532V^{(2),(3)} \oplus 740V^{(2),(2,1)} \oplus 484V^{(2),(1,1,1)} \oplus 41V^{(2),(3,1)} \oplus 41V^{(2),(2,2)} \oplus 35V^{(2),(2,1,1)} \oplus 1776V^{(1,1),\varnothing} \oplus 5424V^{(1,1),(1)} \oplus 2474V^{(1,1),(2)} \oplus 2474V^{(1,1),(1,1)} \oplus 564V^{(1,1),(3)} \oplus 788V^{(1,1),(2,1)} \oplus 516V^{(1,1),(1,1,1)} \oplus 45V^{(1,1),(3,1)} \oplus 45V^{(1,1),(2,2)} \oplus 37V^{(1,1),(2,1,1)} \oplus 596V^{(3),\varnothing} \oplus 1866V^{(3),(1)} \oplus 508V^{(3),(2)} \oplus 508V^{(3),(1,1)} \oplus 58V^{(3),(3)} \oplus 64V^{(3),(2,1)} \oplus 46V^{(3),(1,1,1)} \oplus 1116V^{(2,1),\varnothing} \oplus 2682V^{(2,1),(1)} \oplus 800V^{(2,1),(2)} \oplus 800V^{(2,1),(1,1)} \oplus 80V^{(2,1),(3)} \oplus 94V^{(2,1),(2,1)} \oplus 62V^{(2,1),(1,1,1)} \oplus 856V^{(1,1,1),\varnothing} \oplus 2274V^{(1,1,1),(1)} \oplus 672V^{(1,1,1),(2)} \oplus 672V^{(1,1,1),(1,1)} \oplus 75V^{(1,1,1),(3)} \oplus 85V^{(1,1,1),(2,1)} \oplus 57V^{(1,1,1),(1,1,1)} \oplus 426V^{(3,1),\varnothing} \oplus 632V^{(3,1),(1)} \oplus 35V^{(3,1),(2)} \oplus 35V^{(3,1),(1,1)} \oplus 426V^{(2,2),\varnothing} \oplus 632V^{(2,2),(1)} \oplus 35V^{(2,2),(2)} \oplus 35V^{(2,2),(1,1)} \oplus 576V^{(2,1,1),\varnothing} \oplus 796V^{(2,1,1),(1)} \oplus 43V^{(2,1,1),(2)} \oplus 43V^{(2,1,1),(1,1)} \oplus 276V^{(1,1,1,1),\varnothing} \oplus 528V^{(1,1,1,1),(1)} \oplus 33V^{(1,1,1,1),(2)} \oplus 33V^{(1,1,1,1),(1,1)} \oplus 118V^{(3,2),\varnothing} \oplus 9V^{(3,2),(1)} \oplus 194V^{(3,1,1),\varnothing} \oplus 11V^{(3,1,1),(1)} \oplus 194V^{(2,2,1),\varnothing} \oplus 11V^{(2,2,1),(1)} \oplus 194V^{(2,1,1,1),\varnothing} \oplus 11V^{(2,1,1,1),(1)} \oplus V^{(3,2,1),\varnothing} \oplus V^{(3,1,1,1),\varnothing} \oplus V^{(2,2,1,1),\varnothing}$
$k = 7: \quad 1225V^{\varnothing,(1)} \oplus 700V^{\varnothing,(2)} \oplus 700V^{\varnothing,(1,1)} \oplus 315V^{\varnothing,(3)} \oplus 315V^{\varnothing,(2,1)} \oplus 315V^{\varnothing,(1,1,1)} \oplus 140V^{\varnothing,(3,1)} \oplus 140V^{\varnothing,(2,2)} \oplus 140V^{\varnothing,(2,1,1)} \oplus 70V^{\varnothing,(3,2)} \oplus 70V^{\varnothing,(3,1,1)} \oplus 70V^{\varnothing,(2,2,1)} \oplus 35V^{\varnothing,(3,3)} \oplus 35V^{\varnothing,(3,2,1)} \oplus 441V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1200V^{(1),(3)} \oplus 1520V^{(1),(2,1)} \oplus 1200V^{(1),(1,1,1)} \oplus 650V^{(1),(3,1)} \oplus 650V^{(1),(2,2)} \oplus 650V^{(1),(2,1,1)} \oplus 256V^{(1),(3,2)} \oplus 204V^{(1),(3,1,1)} \oplus 204V^{(1),(2,2,1)} \oplus 3V^{(1),(3,3)} \oplus 3V^{(1),(3,2,1)} \oplus 336V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1580V^{(2),(2)} \oplus 1580V^{(2),(1,1)} \oplus 630V^{(2),(3)} \oplus 882V^{(2),(2,1)} \oplus$

Table 144: Table for $\lambda = (3,2,1,1)$, $\mu = (3,2,2)$:

$k = 14: \quad 373V^{\varnothing,\varnothing}$
$k = 13: \quad 9415V^{\varnothing,\varnothing} \oplus 736V^{\varnothing,(1)} \oplus 659V^{(1),\varnothing}$
$k = 12: \quad 16760V^{\varnothing,\varnothing} \oplus 9852V^{\varnothing,(1)} \oplus 174V^{\varnothing,(2)} \oplus 174V^{\varnothing,(1,1)} \oplus 9288V^{(1),\varnothing} \oplus 1823V^{(1),(1)} \oplus 184V^{(2),\varnothing} \oplus 186V^{(1,1),\varnothing}$
$k = 11: \quad 16837V^{\varnothing,\varnothing} \oplus 16836V^{\varnothing,(1)} \oplus 3598V^{\varnothing,(2)} \oplus 3598V^{\varnothing,(1,1)} \oplus 34V^{\varnothing,(3)} \oplus 44V^{\varnothing,(2,1)} \oplus 40V^{\varnothing,(1,1,1)} \oplus 15174V^{(1),\varnothing} \oplus 13304V^{(1),(1)} \oplus 647V^{(1),(2)} \oplus 647V^{(1),(1,1)} \oplus 3434V^{(2),\varnothing} \oplus 551V^{(2),(1)} \oplus 3642V^{(1,1),\varnothing} \oplus 557V^{(1,1),(1)} \oplus 39V^{(3),\varnothing} \oplus 51V^{(2,1),\varnothing} \oplus 48V^{(1,1,1),\varnothing}$
$k = 10: \quad 12785V^{\varnothing,\varnothing} \oplus 15998V^{\varnothing,(1)} \oplus 5674V^{\varnothing,(2)} \oplus 5674V^{\varnothing,(1,1)} \oplus 922V^{\varnothing,(3)} \oplus 1694V^{\varnothing,(2,1)} \oplus 982V^{\varnothing,(1,1,1)} \oplus 10V^{\varnothing,(3,1)} \oplus 12V^{\varnothing,(2,2)} \oplus 12V^{\varnothing,(2,1,1)} \oplus 13538V^{(1),\varnothing} \oplus 21038V^{(1),(1)} \oplus 4696V^{(1),(2)} \oplus 4696V^{(1),(1,1)} \oplus 135V^{(1),(3)} \oplus 169V^{(1),(2,1)} \oplus 159V^{(1),(1,1,1)} \oplus 5082V^{(2),\varnothing} \oplus 4744V^{(2),(1)} \oplus 359V^{(2),(2)} \oplus 359V^{(2),(1,1)} \oplus 5382V^{(1,1),\varnothing} \oplus 4984V^{(1,1),(1)} \oplus 365V^{(1,1),(2)} \oplus 365V^{(1,1),(1,1)} \oplus 842V^{(3),\varnothing} \oplus 123V^{(3),(1)} \oplus 1718V^{(2,1),\varnothing} \oplus 157V^{(2,1),(1)} \oplus 1310V^{(1,1,1),\varnothing} \oplus 149V^{(1,1,1),(1)} \oplus 12V^{(3,1),\varnothing} \oplus 12V^{(2,2),\varnothing} \oplus 15V^{(2,1,1),\varnothing} \oplus 11V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 6765V^{\varnothing,\varnothing} \oplus 11665V^{\varnothing,(1)} \oplus 4520V^{\varnothing,(2)} \oplus 4520V^{\varnothing,(1,1)} \oplus 1280V^{\varnothing,(3)} \oplus 2280V^{\varnothing,(2,1)} \oplus 1280V^{\varnothing,(1,1,1)} \oplus 496V^{\varnothing,(3,1)} \oplus 548V^{\varnothing,(2,2)} \oplus 548V^{\varnothing,(2,1,1)} \oplus 3V^{\varnothing,(3,2)} \oplus 3V^{\varnothing,(3,1,1)} \oplus 4V^{\varnothing,(2,2,1)} \oplus 8634V^{(1),\varnothing} \oplus 18260V^{(1),(1)} \oplus 6954V^{(1),(2)} \oplus 6954V^{(1),(1,1)} \oplus 1304V^{(1),(3)} \oplus 1936V^{(1),(2,1)} \oplus 1400V^{(1),(1,1,1)} \oplus 35V^{(1),(3,1)} \oplus 41V^{(1),(2,2)} \oplus 41V^{(1),(2,1,1)} \oplus 3736V^{(2),\varnothing} \oplus 6954V^{(2),(1)} \oplus 1796V^{(2),(2)} \oplus 1796V^{(2),(1,1)} \oplus 111V^{(2),(3)} \oplus 145V^{(2),(2,1)} \oplus 135V^{(2),(1,1,1)} \oplus 3896V^{(1,1),\varnothing} \oplus 7278V^{(1,1),(1)} \oplus 1892V^{(1,1),(2)} \oplus 1892V^{(1,1),(1,1)} \oplus 115V^{(1,1),(3)} \oplus 151V^{(1,1),(2,1)} \oplus 139V^{(1,1),(1,1,1)} \oplus 1028V^{(3),\varnothing} \oplus 1352V^{(3),(1)} \oplus 99V^{(3),(2)} \oplus 99V^{(3),(1,1)} \oplus 2128V^{(2,1),\varnothing} \oplus 2080V^{(2,1),(1)} \oplus 133V^{(2,1),(2)} \oplus 133V^{(2,1),(1,1)} \oplus 1578V^{(1,1,1),\varnothing} \oplus 1752V^{(1,1,1),(1)} \oplus 125V^{(1,1,1),(2)} \oplus 125V^{(1,1,1),(1,1)} \oplus 492V^{(3,1),\varnothing} \oplus 35V^{(3,1),(1)} \oplus 492V^{(2,2),\varnothing} \oplus 35V^{(2,2),(1)} \oplus 696V^{(2,1,1),\varnothing} \oplus 43V^{(2,1,1),(1)} \oplus 340V^{(1,1,1,1),\varnothing} \oplus 33V^{(1,1,1,1),(1)} \oplus 3V^{(3,2),\varnothing} \oplus 4V^{(3,1,1),\varnothing} \oplus 4V^{(2,2,1),\varnothing} \oplus 4V^{(2,1,1,1),\varnothing}$
$k = 8: \quad 1455V^{\varnothing,\varnothing} \oplus 5640V^{\varnothing,(1)} \oplus 2511V^{\varnothing,(2)} \oplus 2511V^{\varnothing,(1,1)} \oplus 820V^{\varnothing,(3)} \oplus 1340V^{\varnothing,(2,1)} \oplus 820V^{\varnothing,(1,1,1)} \oplus 510V^{\varnothing,(3,1)} \oplus 510V^{\varnothing,(2,2)} \oplus 510V^{\varnothing,(2,1,1)} \oplus 146V^{\varnothing,(3,2)} \oplus 146V^{\varnothing,(3,1,1)} \oplus 222V^{\varnothing,(2,2,1)} \oplus V^{\varnothing,(3,2,1)} \oplus V^{\varnothing,(2,2,2)} \oplus 3456V^{(1),\varnothing} \oplus 12068V^{(1),(1)} \oplus 5280V^{(1),(2)} \oplus 5280V^{(1),(1,1)} \oplus 1866V^{(1),(3)} \oplus 2574V^{(1),(2,1)} \oplus 1866V^{(1),(1,1,1)} \oplus 572V^{(1),(3,1)} \oplus 632V^{(1),(2,2)} \oplus 632V^{(1),(2,1,1)} \oplus 9V^{(1),(3,2)} \oplus 9V^{(1),(3,1,1)} \oplus 11V^{(1),(2,2,1)} \oplus 1776V^{(2),\varnothing} \oplus 5280V^{(2),(1)} \oplus 2366V^{(2),(2)} \oplus 2366V^{(2),(1,1)} \oplus 484V^{(2),(3)} \oplus 740V^{(2),(2,1)} \oplus 532V^{(2),(1,1,1)} \oplus 35V^{(2),(3,1)} \oplus 41V^{(2),(2,2)} \oplus 41V^{(2),(2,1,1)} \oplus 1776V^{(1,1),\varnothing} \oplus 5424V^{(1,1),(1)} \oplus 2474V^{(1,1),(2)} \oplus 2474V^{(1,1),(1,1)} \oplus 516V^{(1,1),(3)} \oplus 788V^{(1,1),(2,1)} \oplus 564V^{(1,1),(1,1,1)} \oplus 37V^{(1,1),(3,1)} \oplus 45V^{(1,1),(2,2)} \oplus 45V^{(1,1),(2,1,1)} \oplus 596V^{(3),\varnothing} \oplus 1866V^{(3),(1)} \oplus 508V^{(3),(2)} \oplus 508V^{(3),(1,1)} \oplus 46V^{(3),(3)} \oplus 64V^{(3),(2,1)} \oplus 58V^{(3),(1,1,1)} \oplus 1116V^{(2,1),\varnothing} \oplus 2682V^{(2,1),(1)} \oplus 800V^{(2,1),(2)} \oplus 800V^{(2,1),(1,1)} \oplus 62V^{(2,1),(3)} \oplus 94V^{(2,1),(2,1)} \oplus 80V^{(2,1),(1,1,1)} \oplus 856V^{(1,1,1),\varnothing} \oplus 2274V^{(1,1,1),(1)} \oplus 672V^{(1,1,1),(2)} \oplus 672V^{(1,1,1),(1,1)} \oplus 57V^{(1,1,1),(3)} \oplus 85V^{(1,1,1),(2,1)} \oplus 75V^{(1,1,1),(1,1,1)} \oplus 426V^{(3,1),\varnothing} \oplus 632V^{(3,1),(1)} \oplus 35V^{(3,1),(2)} \oplus 35V^{(3,1),(1,1)} \oplus 426V^{(2,2),\varnothing} \oplus 632V^{(2,2),(1)} \oplus 35V^{(2,2),(2)} \oplus 35V^{(2,2),(1,1)} \oplus 576V^{(2,1,1),\varnothing} \oplus 796V^{(2,1,1),(1)} \oplus 43V^{(2,1,1),(2)} \oplus 43V^{(2,1,1),(1,1)} \oplus 276V^{(1,1,1,1),\varnothing} \oplus 528V^{(1,1,1,1),(1)} \oplus 33V^{(1,1,1,1),(2)} \oplus 33V^{(1,1,1,1),(1,1)} \oplus 118V^{(3,2),\varnothing} \oplus 9V^{(3,2),(1)} \oplus 194V^{(3,1,1),\varnothing} \oplus 11V^{(3,1,1),(1)} \oplus 194V^{(2,2,1),\varnothing} \oplus 11V^{(2,2,1),(1)} \oplus 194V^{(2,1,1,1),\varnothing} \oplus 11V^{(2,1,1,1),(1)} \oplus V^{(3,2,1),\varnothing} \oplus V^{(3,1,1,1),\varnothing} \oplus V^{(2,2,1,1),\varnothing}$
$k = 7: \quad 1225V^{\varnothing,(1)} \oplus 700V^{\varnothing,(2)} \oplus 700V^{\varnothing,(1,1)} \oplus 315V^{\varnothing,(3)} \oplus 315V^{\varnothing,(2,1)} \oplus 315V^{\varnothing,(1,1,1)} \oplus 140V^{\varnothing,(3,1)} \oplus 140V^{\varnothing,(2,2)} \oplus 140V^{\varnothing,(2,1,1)} \oplus 70V^{\varnothing,(3,2)} \oplus 70V^{\varnothing,(3,1,1)} \oplus 70V^{\varnothing,(2,2,1)} \oplus 35V^{\varnothing,(3,2,1)} \oplus 35V^{\varnothing,(2,2,2)} \oplus 441V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1200V^{(1),(3)} \oplus 1520V^{(1),(2,1)} \oplus 1200V^{(1),(1,1,1)} \oplus 650V^{(1),(3,1)} \oplus 650V^{(1),(2,2)} \oplus 650V^{(1),(2,1,1)} \oplus 204V^{(1),(3,2)} \oplus 204V^{(1),(3,1,1)} \oplus 256V^{(1),(2,2,1)} \oplus 3V^{(1),(3,2,1)} \oplus 3V^{(1),(2,2,2)} \oplus 336V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1580V^{(2),(2)} \oplus 1580V^{(2),(1,1)} \oplus 630V^{(2),(3)} \oplus 882V^{(2),(2,1)} \oplus$

Table 145: Table for $\lambda = (3,2,1,1)$, $\mu = (3,2,1,1)$:

$k = 14: \quad 1796V^{\varnothing,\varnothing}$
$k = 13: \quad 10166V^{\varnothing,\varnothing} \oplus 867V^{\varnothing,(1)} \oplus 867V^{(1),\varnothing}$
$k = 12: \quad 17790V^{\varnothing,\varnothing} \oplus 10480V^{\varnothing,(1)} \oplus 203V^{\varnothing,(2)} \oplus 205V^{\varnothing,(1,1)} \oplus 10480V^{(1),\varnothing} \oplus 2303V^{(1),(1)} \oplus 203V^{(2),\varnothing} \oplus 205V^{(1,1),\varnothing}$
$k = 11: \quad 18313V^{\varnothing,\varnothing} \oplus 17298V^{\varnothing,(1)} \oplus 3810V^{\varnothing,(2)} \oplus 4018V^{\varnothing,(1,1)} \oplus 40V^{\varnothing,(3)} \oplus 52V^{\varnothing,(2,1)} \oplus 49V^{\varnothing,(1,1,1)} \oplus 17298V^{(1),\varnothing} \oplus 14432V^{(1),(1)} \oplus 767V^{(1),(2)} \oplus 773V^{(1),(1,1)} \oplus 3810V^{(2),\varnothing} \oplus 767V^{(2),(1)} \oplus 4018V^{(1,1),\varnothing} \oplus 773V^{(1,1),(1)} \oplus 40V^{(3),\varnothing} \oplus 52V^{(2,1),\varnothing} \oplus 49V^{(1,1,1),\varnothing}$
$k = 10:$ $15480V^{\varnothing,\varnothing} \oplus 16142V^{\varnothing,(1)} \oplus 5782V^{\varnothing,(2)} \oplus 6082V^{\varnothing,(1,1)} \oplus 982V^{\varnothing,(3)} \oplus 1858V^{\varnothing,(2,1)} \oplus 1450V^{\varnothing,(1,1,1)} \oplus 12V^{\varnothing,(3,1)} \oplus 12V^{\varnothing,(2,2)} \oplus 15V^{\varnothing,(2,1,1)} \oplus 11V^{\varnothing,(1,1,1,1)} \oplus 16142V^{(1),\varnothing} \oplus 21662V^{(1),(1)} \oplus 5080V^{(1),(2)} \oplus 5320V^{(1),(1,1)} \oplus 159V^{(1),(3)} \oplus 199V^{(1),(2,1)} \oplus 191V^{(1),(1,1,1)} \oplus 5782V^{(2),\varnothing} \oplus 5080V^{(2),(1)} \oplus 455V^{(2),(2)} \oplus 461V^{(2),(1,1)} \oplus 6082V^{(1,1),\varnothing} \oplus 5320V^{(1,1),(1)} \oplus 461V^{(1,1),(2)} \oplus 469V^{(1,1),(1,1)} \oplus 982V^{(3),\varnothing} \oplus 159V^{(3),(1)} \oplus 1858V^{(2,1),\varnothing} \oplus 199V^{(2,1),(1)} \oplus 1450V^{(1,1,1),\varnothing} \oplus 191V^{(1,1,1),(1)} \oplus 12V^{(3,1),\varnothing} \oplus 12V^{(2,2),\varnothing} \oplus 15V^{(2,1,1),\varnothing} \oplus 11V^{(1,1,1,1),\varnothing}$
$k = 9:$ $9460V^{\varnothing,\varnothing} \oplus 11665V^{\varnothing,(1)} \oplus 4520V^{\varnothing,(2)} \oplus 4680V^{\varnothing,(1,1)} \oplus 1280V^{\varnothing,(3)} \oplus 2380V^{\varnothing,(2,1)} \oplus 1830V^{\varnothing,(1,1,1)} \oplus 548V^{\varnothing,(3,1)} \oplus 548V^{\varnothing,(2,2)} \oplus 752V^{\varnothing,(2,1,1)} \oplus 396V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(3,2)} \oplus 4V^{\varnothing,(3,1,1)} \oplus 4V^{\varnothing,(2,2,1)} \oplus 4V^{\varnothing,(2,1,1,1)} \oplus 11665V^{(1),\varnothing} \oplus 18404V^{(1),(1)} \oplus 7098V^{(1),(2)} \oplus 7422V^{(1),(1,1)} \oplus 1400V^{(1),(3)} \oplus 2152V^{(1),(2,1)} \oplus 1824V^{(1),(1,1,1)} \oplus 41V^{(1),(3,1)} \oplus 41V^{(1),(2,2)} \oplus 49V^{(1),(2,1,1)} \oplus 39V^{(1),(1,1,1,1)} \oplus 4520V^{(2),\varnothing} \oplus 7098V^{(2),(1)} \oplus 1964V^{(2),(2)} \oplus 2060V^{(2),(1,1)} \oplus 135V^{(2),(3)} \oplus 175V^{(2),(2,1)} \oplus 167V^{(2),(1,1,1)} \oplus 4680V^{(1,1),\varnothing} \oplus 7422V^{(1,1),(1)} \oplus 2060V^{(1,1),(2)} \oplus 2188V^{(1,1),(1,1)} \oplus 139V^{(1,1),(3)} \oplus 183V^{(1,1),(2,1)} \oplus 173V^{(1,1),(1,1,1)} \oplus 1280V^{(3),\varnothing} \oplus 1400V^{(3),(1)} \oplus 135V^{(3),(2)} \oplus 139V^{(3),(1,1)} \oplus 2380V^{(2,1),\varnothing} \oplus 2152V^{(2,1),(1)} \oplus 175V^{(2,1),(2)} \oplus 183V^{(2,1),(1,1)} \oplus 1830V^{(1,1,1),\varnothing} \oplus 1824V^{(1,1,1),(1)} \oplus 167V^{(1,1,1),(2)} \oplus 173V^{(1,1,1),(1,1)} \oplus 548V^{(3,1),\varnothing} \oplus 41V^{(3,1),(1)} \oplus 548V^{(2,2),\varnothing} \oplus 41V^{(2,2),(1)} \oplus 752V^{(2,1,1),\varnothing} \oplus 49V^{(2,1,1),(1)} \oplus 396V^{(1,1,1,1),\varnothing} \oplus 39V^{(1,1,1,1),(1)} \oplus 3V^{(3,2),\varnothing} \oplus 4V^{(3,1,1),\varnothing} \oplus 4V^{(2,2,1),\varnothing} \oplus 4V^{(2,1,1,1),\varnothing}$
$k = 8: \quad 4395V^{\varnothing,\varnothing} \oplus 5640V^{\varnothing,(1)} \oplus 2511V^{\varnothing,(2)} \oplus 2511V^{\varnothing,(1,1)} \oplus 820V^{\varnothing,(3)} \oplus 1340V^{\varnothing,(2,1)} \oplus 1080V^{\varnothing,(1,1,1)} \oplus 510V^{\varnothing,(3,1)} \oplus 510V^{\varnothing,(2,2)} \oplus 660V^{\varnothing,(2,1,1)} \oplus 360V^{\varnothing,(1,1,1,1)} \oplus 146V^{\varnothing,(3,2)} \oplus 222V^{\varnothing,(3,1,1)} \oplus 222V^{\varnothing,(2,2,1)} \oplus 222V^{\varnothing,(2,1,1,1)} \oplus V^{\varnothing,(3,2,1)} \oplus V^{\varnothing,(3,1,1,1)} \oplus V^{\varnothing,(2,2,1,1)} \oplus 5640V^{(1),\varnothing} \oplus 12068V^{(1),(1)} \oplus 5280V^{(1),(2)} \oplus 5424V^{(1),(1,1)} \oplus 1866V^{(1),(3)} \oplus 2682V^{(1),(2,1)} \oplus 2274V^{(1),(1,1,1)} \oplus 632V^{(1),(3,1)} \oplus 632V^{(1),(2,2)} \oplus 796V^{(1),(2,1,1)} \oplus 528V^{(1),(1,1,1,1)} \oplus 9V^{(1),(3,2)} \oplus 11V^{(1),(3,1,1)} \oplus 11V^{(1),(2,2,1)} \oplus 11V^{(1),(2,1,1,1)} \oplus 2511V^{(2),\varnothing} \oplus 5280V^{(2),(1)} \oplus 2414V^{(2),(2)} \oplus 2522V^{(2),(1,1)} \oplus 532V^{(2),(3)} \oplus 836V^{(2),(2,1)} \oplus 708V^{(2),(1,1,1)} \oplus 41V^{(2),(3,1)} \oplus 41V^{(2),(2,2)} \oplus 49V^{(2),(2,1,1)} \oplus 39V^{(2),(1,1,1,1)} \oplus 2511V^{(1,1),\varnothing} \oplus 5424V^{(1,1),(1)} \oplus 2522V^{(1,1),(2)} \oplus 2666V^{(1,1),(1,1)} \oplus 564V^{(1,1),(3)} \oplus 900V^{(1,1),(2,1)} \oplus 756V^{(1,1),(1,1,1)} \oplus 45V^{(1,1),(3,1)} \oplus 45V^{(1,1),(2,2)} \oplus 55V^{(1,1),(2,1,1)} \oplus 43V^{(1,1),(1,1,1,1)} \oplus 820V^{(3),\varnothing} \oplus 1866V^{(3),(1)} \oplus 532V^{(3),(2)} \oplus 564V^{(3),(1,1)} \oplus 58V^{(3),(3)} \oplus 80V^{(3),(2,1)} \oplus 75V^{(3),(1,1,1)} \oplus 1340V^{(2,1),\varnothing} \oplus 2682V^{(2,1),(1)} \oplus 836V^{(2,1),(2)} \oplus 900V^{(2,1),(1,1)} \oplus 80V^{(2,1),(3)} \oplus 120V^{(2,1),(2,1)} \oplus 109V^{(2,1),(1,1,1)} \oplus 1080V^{(1,1,1),\varnothing} \oplus 2274V^{(1,1,1),(1)} \oplus 708V^{(1,1,1),(2)} \oplus 756V^{(1,1,1),(1,1)} \oplus 75V^{(1,1,1),(3)} \oplus 109V^{(1,1,1),(2,1)} \oplus 101V^{(1,1,1),(1,1,1)} \oplus 510V^{(3,1),\varnothing} \oplus 632V^{(3,1),(1)} \oplus 41V^{(3,1),(2)} \oplus 45V^{(3,1),(1,1)} \oplus 510V^{(2,2),\varnothing} \oplus 632V^{(2,2),(1)} \oplus 41V^{(2,2),(2)} \oplus 45V^{(2,2),(1,1)} \oplus 660V^{(2,1,1),\varnothing} \oplus 796V^{(2,1,1),(1)} \oplus 49V^{(2,1,1),(2)} \oplus 55V^{(2,1,1),(1,1)} \oplus 360V^{(1,1,1,1),\varnothing} \oplus 528V^{(1,1,1,1),(1)} \oplus 39V^{(1,1,1,1),(2)} \oplus 43V^{(1,1,1,1),(1,1)} \oplus 146V^{(3,2),\varnothing} \oplus 9V^{(3,2),(1)} \oplus 222V^{(3,1,1),\varnothing} \oplus 11V^{(3,1,1),(1)} \oplus 222V^{(2,2,1),\varnothing} \oplus 11V^{(2,2,1),(1)} \oplus 222V^{(2,1,1,1),\varnothing} \oplus 11V^{(2,1,1,1),(1)} \oplus V^{(3,2,1),\varnothing} \oplus V^{(3,1,1,1),\varnothing} \oplus V^{(2,2,1,1),\varnothing}$
$k = 7: \quad 1225V^{\varnothing,\varnothing} \oplus 1225V^{\varnothing,(1)} \oplus 700V^{\varnothing,(2)} \oplus 700V^{\varnothing,(1,1)} \oplus 315V^{\varnothing,(3)} \oplus 315V^{\varnothing,(2,1)} \oplus 315V^{\varnothing,(1,1,1)} \oplus 140V^{\varnothing,(3,1)} \oplus 140V^{\varnothing,(2,2)} \oplus 140V^{\varnothing,(2,1,1)} \oplus 140V^{\varnothing,(1,1,1,1)} \oplus 70V^{\varnothing,(3,2)} \oplus$

Table 146: Table for $\lambda = (3,2,1,1)$, $\mu = (3,1,1,1,1)$:

$k = 14: \quad 180V^{\varnothing,\varnothing}$
$k = 13: \quad 8865V^{\varnothing,\varnothing} \oplus 736V^{\varnothing,(1)} \oplus 392V^{(1),\varnothing}$
$k = 12: \quad 16218V^{\varnothing,\varnothing} \oplus 9852V^{\varnothing,(1)} \oplus 166V^{\varnothing,(2)} \oplus 174V^{\varnothing,(1,1)} \oplus 8538V^{(1),\varnothing} \oplus 1823V^{(1),(1)} \oplus 142V^{(2),\varnothing} \oplus 144V^{(1,1),\varnothing}$
$k = 11: \quad 16189V^{\varnothing,\varnothing} \oplus 16836V^{\varnothing,(1)} \oplus 3270V^{\varnothing,(2)} \oplus 3598V^{\varnothing,(1,1)} \oplus 32V^{\varnothing,(3)} \oplus 41V^{\varnothing,(2,1)} \oplus 43V^{\varnothing,(1,1,1)} \oplus 14202V^{(1),\varnothing} \oplus 13304V^{(1),(1)} \oplus 617V^{(1),(2)} \oplus 647V^{(1),(1,1)} \oplus 3242V^{(2),\varnothing} \oplus 551V^{(2),(1)} \oplus 3450V^{(1,1),\varnothing} \oplus 557V^{(1,1),(1)} \oplus 36V^{(3),\varnothing} \oplus 48V^{(2,1),\varnothing} \oplus 45V^{(1,1,1),\varnothing}$
$k = 10: \quad 12155V^{\varnothing,\varnothing} \oplus 15998V^{\varnothing,(1)} \oplus 5266V^{\varnothing,(2)} \oplus 5674V^{\varnothing,(1,1)} \oplus 818V^{\varnothing,(3)} \oplus 1286V^{\varnothing,(2,1)} \oplus 1390V^{\varnothing,(1,1,1)} \oplus 9V^{\varnothing,(3,1)} \oplus 12V^{\varnothing,(2,1,1)} \oplus 12V^{\varnothing,(1,1,1,1)} \oplus 12422V^{(1),\varnothing} \oplus 21038V^{(1),(1)} \oplus 4264V^{(1),(2)} \oplus 4696V^{(1),(1,1)} \oplus 129V^{(1),(3)} \oplus 161V^{(1),(2,1)} \oplus 167V^{(1),(1,1,1)} \oplus 4782V^{(2),\varnothing} \oplus 4744V^{(2),(1)} \oplus 329V^{(2),(2)} \oplus 359V^{(2),(1,1)} \oplus 5082V^{(1,1),\varnothing} \oplus 4984V^{(1,1),(1)} \oplus 333V^{(1,1),(2)} \oplus 365V^{(1,1),(1,1)} \oplus 782V^{(3),\varnothing} \oplus 123V^{(3),(1)} \oplus 1658V^{(2,1),\varnothing} \oplus 157V^{(2,1),(1)} \oplus 1250V^{(1,1,1),\varnothing} \oplus 149V^{(1,1,1),(1)} \oplus 12V^{(3,1),\varnothing} \oplus 12V^{(2,2),\varnothing} \oplus 15V^{(2,1,1),\varnothing} \oplus 11V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 5610V^{\varnothing,\varnothing} \oplus 11665V^{\varnothing,(1)} \oplus 4360V^{\varnothing,(2)} \oplus 4520V^{\varnothing,(1,1)} \oplus 1180V^{\varnothing,(3)} \oplus 1730V^{\varnothing,(2,1)} \oplus 1830V^{\varnothing,(1,1,1)} \oplus 344V^{\varnothing,(3,1)} \oplus 548V^{\varnothing,(2,1,1)} \oplus 548V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(3,1,1)} \oplus 4V^{\varnothing,(2,1,1,1)} \oplus 3V^{\varnothing,(1,1,1,1,1)} \oplus 7425V^{(1),\varnothing} \oplus 18260V^{(1),(1)} \oplus 6486V^{(1),(2)} \oplus 6954V^{(1),(1,1)} \oplus 1184V^{(1),(3)} \oplus 1608V^{(1),(2,1)} \oplus 1728V^{(1),(1,1,1)} \oplus 33V^{(1),(3,1)} \oplus 41V^{(1),(2,1,1)} \oplus 41V^{(1),(1,1,1,1)} \oplus 3400V^{(2),\varnothing} \oplus 6954V^{(2),(1)} \oplus 1604V^{(2),(2)} \oplus 1796V^{(2),(1,1)} \oplus 105V^{(2),(3)} \oplus 137V^{(2),(2,1)} \oplus 143V^{(2),(1,1,1)} \oplus 3560V^{(1,1),\varnothing} \oplus 7278V^{(1,1),(1)} \oplus 1668V^{(1,1),(2)} \oplus 1892V^{(1,1),(1,1)} \oplus 107V^{(1,1),(3)} \oplus 141V^{(1,1),(2,1)} \oplus 149V^{(1,1),(1,1,1)} \oplus 920V^{(3),\varnothing} \oplus 1352V^{(3),(1)} \oplus 83V^{(3),(2)} \oplus 99V^{(3),(1,1)} \oplus 2020V^{(2,1),\varnothing} \oplus 2080V^{(2,1),(1)} \oplus 107V^{(2,1),(2)} \oplus 133V^{(2,1),(1,1)} \oplus 1470V^{(1,1,1),\varnothing} \oplus 1752V^{(1,1,1),(1)} \oplus 101V^{(1,1,1),(2)} \oplus 125V^{(1,1,1),(1,1)} \oplus 468V^{(3,1),\varnothing} \oplus 35V^{(3,1),(1)} \oplus 468V^{(2,2),\varnothing} \oplus 35V^{(2,2),(1)} \oplus 672V^{(2,1,1),\varnothing} \oplus 43V^{(2,1,1),(1)} \oplus 316V^{(1,1,1,1),\varnothing} \oplus 33V^{(1,1,1,1),(1)} \oplus 3V^{(3,2),\varnothing} \oplus 4V^{(3,1,1),\varnothing} \oplus 4V^{(2,2,1),\varnothing} \oplus 4V^{(2,1,1,1),\varnothing}$
$k = 8: \quad 1245V^{\varnothing,\varnothing} \oplus 5640V^{\varnothing,(1)} \oplus 2511V^{\varnothing,(2)} \oplus 2511V^{\varnothing,(1,1)} \oplus 820V^{\varnothing,(3)} \oplus 1080V^{\varnothing,(2,1)} \oplus 1080V^{\varnothing,(1,1,1)} \oplus 360V^{\varnothing,(3,1)} \oplus 510V^{\varnothing,(2,1,1)} \oplus 510V^{\varnothing,(1,1,1,1)} \oplus 146V^{\varnothing,(3,1,1)} \oplus 222V^{\varnothing,(2,1,1,1)} \oplus 146V^{\varnothing,(1,1,1,1,1)} \oplus V^{\varnothing,(3,1,1,1)} \oplus V^{\varnothing,(2,1,1,1,1)} \oplus 2430V^{(1),\varnothing} \oplus 12068V^{(1),(1)} \oplus 5136V^{(1),(2)} \oplus 5280V^{(1),(1,1)} \oplus 1758V^{(1),(3)} \oplus 2166V^{(1),(2,1)} \oplus 2274V^{(1),(1,1,1)} \oplus 468V^{(1),(3,1)} \oplus 632V^{(1),(2,1,1)} \oplus 632V^{(1),(1,1,1,1)} \oplus 9V^{(1),(3,1,1)} \oplus 11V^{(1),(2,1,1,1)} \oplus 9V^{(1),(1,1,1,1,1)} \oplus 1461V^{(2),\varnothing} \oplus 5280V^{(2),(1)} \oplus 2210V^{(2),(2)} \oplus 2366V^{(2),(1,1)} \oplus 436V^{(2),(3)} \oplus 612V^{(2),(2,1)} \oplus 660V^{(2),(1,1,1)} \oplus 33V^{(2),(3,1)} \oplus 41V^{(2),(2,1,1)} \oplus 41V^{(2),(1,1,1,1)} \oplus 1461V^{(1,1),\varnothing} \oplus 5424V^{(1,1),(1)} \oplus 2282V^{(1,1),(2)} \oplus 2474V^{(1,1),(1,1)} \oplus 452V^{(1,1),(3)} \oplus 644V^{(1,1),(2,1)} \oplus 708V^{(1,1),(1,1,1)} \oplus 35V^{(1,1),(3,1)} \oplus 45V^{(1,1),(2,1,1)} \oplus 45V^{(1,1),(1,1,1,1)} \oplus 500V^{(3),\varnothing} \oplus 1866V^{(3),(1)} \oplus 452V^{(3),(2)} \oplus 508V^{(3),(1,1)} \oplus 42V^{(3),(3)} \oplus 59V^{(3),(2,1)} \oplus 63V^{(3),(1,1,1)} \oplus 1020V^{(2,1),\varnothing} \oplus 2682V^{(2,1),(1)} \oplus 700V^{(2,1),(2)} \oplus 800V^{(2,1),(1,1)} \oplus 54V^{(2,1),(3)} \oplus 83V^{(2,1),(2,1)} \oplus 91V^{(2,1),(1,1,1)} \oplus 760V^{(1,1,1),\varnothing} \oplus 2274V^{(1,1,1),(1)} \oplus 588V^{(1,1,1),(2)} \oplus 672V^{(1,1,1),(1,1)} \oplus 51V^{(1,1,1),(3)} \oplus 77V^{(1,1,1),(2,1)} \oplus 83V^{(1,1,1),(1,1,1)} \oplus 390V^{(3,1),\varnothing} \oplus 632V^{(3,1),(1)} \oplus 25V^{(3,1),(2)} \oplus 35V^{(3,1),(1,1)} \oplus 390V^{(2,2),\varnothing} \oplus 632V^{(2,2),(1)} \oplus 25V^{(2,2),(2)} \oplus 35V^{(2,2),(1,1)} \oplus 540V^{(2,1,1),\varnothing} \oplus 796V^{(2,1,1),(1)} \oplus 31V^{(2,1,1),(2)} \oplus 43V^{(2,1,1),(1,1)} \oplus 240V^{(1,1,1,1),\varnothing} \oplus 528V^{(1,1,1,1),(1)} \oplus 23V^{(1,1,1,1),(2)} \oplus 33V^{(1,1,1,1),(1,1)} \oplus 106V^{(3,2),\varnothing} \oplus 9V^{(3,2),(1)} \oplus 182V^{(3,1,1),\varnothing} \oplus 11V^{(3,1,1),(1)} \oplus 182V^{(2,2,1),\varnothing} \oplus 11V^{(2,2,1),(1)} \oplus 182V^{(2,1,1,1),\varnothing} \oplus 11V^{(2,1,1,1),(1)} \oplus V^{(3,2,1),\varnothing} \oplus V^{(3,1,1,1),\varnothing} \oplus V^{(2,2,1,1),\varnothing}$
$k = 7: \quad 1225V^{\varnothing,(1)} \oplus 700V^{\varnothing,(2)} \oplus 700V^{\varnothing,(1,1)} \oplus 315V^{\varnothing,(3)} \oplus 315V^{\varnothing,(2,1)} \oplus 315V^{\varnothing,(1,1,1)} \oplus 140V^{\varnothing,(3,1)} \oplus 140V^{\varnothing,(2,1,1)} \oplus 140V^{\varnothing,(1,1,1,1)} \oplus 70V^{\varnothing,(3,1,1)} \oplus 70V^{\varnothing,(2,1,1,1)} \oplus 70V^{\varnothing,(1,1,1,1,1)} \oplus 35V^{\varnothing,(3,1,1,1)} \oplus 35V^{\varnothing,(2,1,1,1,1)} \oplus 225V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1200V^{(1),(3)} \oplus 1360V^{(1),(2,1)} \oplus 1360V^{(1),(1,1,1)} \oplus 550V^{(1),(3,1)} \oplus 650V^{(1),(2,1,1)} \oplus 650V^{(1),(1,1,1,1)} \oplus 204V^{(1),(3,1,1)} \oplus 256V^{(1),(2,1,1,1)} \oplus 204V^{(1),(1,1,1,1,1)} \oplus$

Table 147: Table for $\lambda = (3,2,1,1)$, $\mu = (2,2,2,1)$:

$k = 14: \quad 144V^{\varnothing,\varnothing}$
$k = 13: \quad 8587V^{\varnothing,\varnothing} \oplus 711V^{\varnothing,(1)} \oplus 313V^{(1),\varnothing}$
$k = 12: \quad 15874V^{\varnothing,\varnothing} \oplus 9148V^{\varnothing,(1)} \oplus 165V^{\varnothing,(2)} \oplus 168V^{\varnothing,(1,1)} \oplus 8070V^{(1),\varnothing} \oplus 1721V^{(1),(1)} \oplus 111V^{(2),\varnothing} \oplus 113V^{(1,1),\varnothing}$
$k = 11: \quad 15468V^{\varnothing,\varnothing} \oplus 15798V^{\varnothing,(1)} \oplus 2510V^{\varnothing,(2)} \oplus 3478V^{\varnothing,(1,1)} \oplus 41V^{\varnothing,(2,1)} \oplus 41V^{\varnothing,(1,1,1)} \oplus 13716V^{(1),\varnothing} \oplus 12320V^{(1),(1)} \oplus 615V^{(1),(2)} \oplus 623V^{(1),(1,1)} \oplus 3076V^{(2),\varnothing} \oplus 473V^{(2),(1)} \oplus 3284V^{(1,1),\varnothing} \oplus 477V^{(1,1),(1)} \oplus 29V^{(3),\varnothing} \oplus 40V^{(2,1),\varnothing} \oplus 37V^{(1,1,1),\varnothing}$
$k = 10: \quad 12026V^{\varnothing,\varnothing} \oplus 15358V^{\varnothing,(1)} \oplus 3916V^{\varnothing,(2)} \oplus 5566V^{\varnothing,(1,1)} \oplus 1286V^{\varnothing,(2,1)} \oplus 1286V^{\varnothing,(1,1,1)} \oplus 11V^{\varnothing,(2,2)} \oplus 12V^{\varnothing,(2,1,1)} \oplus 9V^{\varnothing,(1,1,1,1)} \oplus 11356V^{(1),\varnothing} \oplus 19874V^{(1),(1)} \oplus 3744V^{(1),(2)} \oplus 4504V^{(1),(1,1)} \oplus 161V^{(1),(2,1)} \oplus 161V^{(1),(1,1,1)} \oplus 4660V^{(2),\varnothing} \oplus 4360V^{(2),(1)} \oplus 327V^{(2),(2)} \oplus 335V^{(2),(1,1)} \oplus 4960V^{(1,1),\varnothing} \oplus 4520V^{(1,1),(1)} \oplus 331V^{(1,1),(2)} \oplus 341V^{(1,1),(1,1)} \oplus 752V^{(3),\varnothing} \oplus 95V^{(3),(1)} \oplus 1618V^{(2,1),\varnothing} \oplus 125V^{(2,1),(1)} \oplus 1210V^{(1,1,1),\varnothing} \oplus 119V^{(1,1,1),(1)} \oplus 11V^{(3,1),\varnothing} \oplus 11V^{(2,2),\varnothing} \oplus 14V^{(2,1,1),\varnothing} \oplus 10V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 5540V^{\varnothing,\varnothing} \oplus 11425V^{\varnothing,(1)} \oplus 3320V^{\varnothing,(2)} \oplus 4520V^{\varnothing,(1,1)} \oplus 1730V^{\varnothing,(2,1)} \oplus 1730V^{\varnothing,(1,1,1)} \oplus 396V^{\varnothing,(2,2)} \oplus 548V^{\varnothing,(2,1,1)} \oplus 344V^{\varnothing,(1,1,1,1)} \oplus 4V^{\varnothing,(2,2,1)} \oplus 3V^{\varnothing,(2,1,1,1)} \oplus 7136V^{(1),\varnothing} \oplus 17684V^{(1),(1)} \oplus 5586V^{(1),(2)} \oplus 6810V^{(1),(1,1)} \oplus 1608V^{(1),(2,1)} \oplus 1608V^{(1),(1,1,1)} \oplus 39V^{(1),(2,2)} \oplus 41V^{(1),(2,1,1)} \oplus 33V^{(1),(1,1,1,1)} \oplus 3120V^{(2),\varnothing} \oplus 6630V^{(2),(1)} \oplus 1404V^{(2),(2)} \oplus 1700V^{(2),(1,1)} \oplus 137V^{(2),(2,1)} \oplus 137V^{(2),(1,1,1)} \oplus 3280V^{(1,1),\varnothing} \oplus 6846V^{(1,1),(1)} \oplus 1468V^{(1,1),(2)} \oplus 1796V^{(1,1),(1,1)} \oplus 141V^{(1,1),(2,1)} \oplus 141V^{(1,1),(1,1,1)} \oplus 902V^{(3),\varnothing} \oplus 1272V^{(3),(1)} \oplus 82V^{(3),(2)} \oplus 87V^{(3),(1,1)} \oplus 2002V^{(2,1),\varnothing} \oplus 1920V^{(2,1),(1)} \oplus 104V^{(2,1),(2)} \oplus 115V^{(2,1),(1,1)} \oplus 1452V^{(1,1,1),\varnothing} \oplus 1632V^{(1,1,1),(1)} \oplus 99V^{(1,1,1),(2)} \oplus 107V^{(1,1,1),(1,1)} \oplus 464V^{(3,1),\varnothing} \oplus 31V^{(3,1),(1)} \oplus 464V^{(2,2),\varnothing} \oplus 31V^{(2,2),(1)} \oplus 668V^{(2,1,1),\varnothing} \oplus 37V^{(2,1,1),(1)} \oplus 312V^{(1,1,1,1),\varnothing} \oplus 29V^{(1,1,1,1),(1)} \oplus 3V^{(3,2),\varnothing} \oplus 4V^{(3,1,1),\varnothing} \oplus 4V^{(2,2,1),\varnothing} \oplus 4V^{(2,1,1,1),\varnothing}$
$k = 8: \quad 1210V^{\varnothing,\varnothing} \oplus 5640V^{\varnothing,(1)} \oplus 2043V^{\varnothing,(2)} \oplus 2511V^{\varnothing,(1,1)} \oplus 1080V^{\varnothing,(2,1)} \oplus 1080V^{\varnothing,(1,1,1)} \oplus 360V^{\varnothing,(2,2)} \oplus 510V^{\varnothing,(2,1,1)} \oplus 360V^{\varnothing,(1,1,1,1)} \oplus 222V^{\varnothing,(2,2,1)} \oplus 146V^{\varnothing,(2,1,1,1)} \oplus V^{\varnothing,(2,2,2)} \oplus V^{\varnothing,(2,2,1,1)} \oplus 2196V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 4496V^{(1),(2)} \oplus 5280V^{(1),(1,1)} \oplus 2166V^{(1),(2,1)} \oplus 2166V^{(1),(1,1,1)} \oplus 528V^{(1),(2,2)} \oplus 632V^{(1),(2,1,1)} \oplus 468V^{(1),(1,1,1,1)} \oplus 11V^{(1),(2,2,1)} \oplus 9V^{(1),(2,1,1,1)} \oplus 1356V^{(2),\varnothing} \oplus 5136V^{(2),(1)} \oplus 1886V^{(2),(2)} \oplus 2318V^{(2),(1,1)} \oplus 612V^{(2),(2,1)} \oplus 612V^{(2),(1,1,1)} \oplus 39V^{(2),(2,2)} \oplus 41V^{(2),(2,1,1)} \oplus 33V^{(2),(1,1,1,1)} \oplus 1356V^{(1,1),\varnothing} \oplus 5232V^{(1,1),(1)} \oplus 1958V^{(1,1),(2)} \oplus 2426V^{(1,1),(1,1)} \oplus 644V^{(1,1),(2,1)} \oplus 644V^{(1,1),(1,1,1)} \oplus 43V^{(1,1),(2,2)} \oplus 45V^{(1,1),(2,1,1)} \oplus 35V^{(1,1),(1,1,1,1)} \oplus 428V^{(3),\varnothing} \oplus 1794V^{(3),(1)} \oplus 412V^{(3),(2)} \oplus 484V^{(3),(1,1)} \oplus 59V^{(3),(2,1)} \oplus 59V^{(3),(1,1,1)} \oplus 948V^{(2,1),\varnothing} \oplus 2538V^{(2,1),(1)} \oplus 580V^{(2,1),(2)} \oplus 764V^{(2,1),(1,1)} \oplus 83V^{(2,1),(2,1)} \oplus 83V^{(2,1),(1,1,1)} \oplus 688V^{(1,1,1),\varnothing} \oplus 2166V^{(1,1,1),(1)} \oplus 508V^{(1,1,1),(2)} \oplus 636V^{(1,1,1),(1,1)} \oplus 77V^{(1,1,1),(2,1)} \oplus 77V^{(1,1,1),(1,1,1)} \oplus 384V^{(3,1),\varnothing} \oplus 592V^{(3,1),(1)} \oplus 23V^{(3,1),(2)} \oplus 29V^{(3,1),(1,1)} \oplus 384V^{(2,2),\varnothing} \oplus 592V^{(2,2),(1)} \oplus 23V^{(2,2),(2)} \oplus 29V^{(2,2),(1,1)} \oplus 534V^{(2,1,1),\varnothing} \oplus 736V^{(2,1,1),(1)} \oplus 28V^{(2,1,1),(2)} \oplus 37V^{(2,1,1),(1,1)} \oplus 234V^{(1,1,1,1),\varnothing} \oplus 488V^{(1,1,1,1),(1)} \oplus 22V^{(1,1,1,1),(2)} \oplus 27V^{(1,1,1,1),(1,1)} \oplus 104V^{(3,2),\varnothing} \oplus 7V^{(3,2),(1)} \oplus 180V^{(3,1,1),\varnothing} \oplus 9V^{(3,1,1),(1)} \oplus 180V^{(2,2,1),\varnothing} \oplus 9V^{(2,2,1),(1)} \oplus 180V^{(2,1,1,1),\varnothing} \oplus 9V^{(2,1,1,1),(1)} \oplus V^{(3,2,1),\varnothing} \oplus V^{(3,1,1,1),\varnothing} \oplus V^{(2,2,1,1),\varnothing}$
$k = 7: \quad 1225V^{\varnothing,(1)} \oplus 700V^{\varnothing,(2)} \oplus 700V^{\varnothing,(1,1)} \oplus 315V^{\varnothing,(2,1)} \oplus 315V^{\varnothing,(1,1,1)} \oplus 140V^{\varnothing,(2,2)} \oplus 140V^{\varnothing,(2,1,1)} \oplus 140V^{\varnothing,(1,1,1,1)} \oplus 70V^{\varnothing,(2,2,1)} \oplus 70V^{\varnothing,(2,1,1,1)} \oplus 35V^{\varnothing,(2,2,2)} \oplus 35V^{\varnothing,(2,2,1,1)} \oplus 196V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2580V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1360V^{(1),(2,1)} \oplus 1360V^{(1),(1,1,1)} \oplus 550V^{(1),(2,2)} \oplus 650V^{(1),(2,1,1)} \oplus 550V^{(1),(1,1,1,1)} \oplus 256V^{(1),(2,2,1)} \oplus 204V^{(1),(2,1,1,1)} \oplus 3V^{(1),(2,2,2)} \oplus 3V^{(1),(2,2,1,1)} \oplus 126V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1352V^{(2),(2)} \oplus 1580V^{(2),(1,1)} \oplus 738V^{(2),(2,1)} \oplus 738V^{(2),(1,1,1)} \oplus 192V^{(2),(2,2)} \oplus 232V^{(2),(2,1,1)} \oplus 168V^{(2),(1,1,1,1)} \oplus 11V^{(2),(2,2,1)} \oplus 9V^{(2),(2,1,1,1)} \oplus 126V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1376V^{(1,1),(2)} \oplus 1616V^{(1,1),(1,1)} \oplus 762V^{(1,1),(2,1)} \oplus 762V^{(1,1),(1,1,1)} \oplus 208V^{(1,1),(2,2)} \oplus$

Table 148: Table for $\lambda = (3,2,1,1)$, $\mu = (2,2,1,1,1)$:

$k = 14: \quad 144V^{\varnothing,\varnothing}$
$k = 13: \quad 8587V^{\varnothing,\varnothing} \oplus 734V^{\varnothing,(1)} \oplus 316V^{(1),\varnothing}$
$k = 12: \quad 15874V^{\varnothing,\varnothing} \oplus 9332V^{\varnothing,(1)} \oplus 165V^{\varnothing,(2)} \oplus 174V^{\varnothing,(1,1)} \oplus 8076V^{(1),\varnothing} \oplus 1817V^{(1),(1)} \oplus 112V^{(2),\varnothing} \oplus 114V^{(1,1),\varnothing}$
$k = 11: \quad 15468V^{\varnothing,\varnothing} \oplus 15936V^{\varnothing,(1)} \oplus 2510V^{\varnothing,(2)} \oplus 3598V^{\varnothing,(1,1)} \oplus 41V^{\varnothing,(2,1)} \oplus 43V^{\varnothing,(1,1,1)} \oplus 13716V^{(1),\varnothing} \oplus 12704V^{(1),(1)} \oplus 615V^{(1),(2)} \oplus 647V^{(1),(1,1)} \oplus 3076V^{(2),\varnothing} \oplus 545V^{(2),(1)} \oplus 3284V^{(1,1),\varnothing} \oplus 549V^{(1,1),(1)} \oplus 29V^{(3),\varnothing} \oplus 40V^{(2,1),\varnothing} \oplus 37V^{(1,1,1),\varnothing}$
$k = 10: \quad 12026V^{\varnothing,\varnothing} \oplus 15358V^{\varnothing,(1)} \oplus 3916V^{\varnothing,(2)} \oplus 5674V^{\varnothing,(1,1)} \oplus 1286V^{\varnothing,(2,1)} \oplus 1390V^{\varnothing,(1,1,1)} \oplus 9V^{\varnothing,(2,2)} \oplus 12V^{\varnothing,(2,1,1)} \oplus 12V^{\varnothing,(1,1,1,1)} \oplus 11356V^{(1),\varnothing} \oplus 20066V^{(1),(1)} \oplus 3744V^{(1),(2)} \oplus 4696V^{(1),(1,1)} \oplus 161V^{(1),(2,1)} \oplus 167V^{(1),(1,1,1)} \oplus 4660V^{(2),\varnothing} \oplus 4504V^{(2),(1)} \oplus 327V^{(2),(2)} \oplus 359V^{(2),(1,1)} \oplus 4960V^{(1,1),\varnothing} \oplus 4664V^{(1,1),(1)} \oplus 331V^{(1,1),(2)} \oplus 365V^{(1,1),(1,1)} \oplus 752V^{(3),\varnothing} \oplus 119V^{(3),(1)} \oplus 1618V^{(2,1),\varnothing} \oplus 149V^{(2,1),(1)} \oplus 1210V^{(1,1,1),\varnothing} \oplus 143V^{(1,1,1),(1)} \oplus 11V^{(3,1),\varnothing} \oplus 11V^{(2,2),\varnothing} \oplus 14V^{(2,1,1),\varnothing} \oplus 10V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 5540V^{\varnothing,\varnothing} \oplus 11425V^{\varnothing,(1)} \oplus 3320V^{\varnothing,(2)} \oplus 4520V^{\varnothing,(1,1)} \oplus 1730V^{\varnothing,(2,1)} \oplus 1830V^{\varnothing,(1,1,1)} \oplus 344V^{\varnothing,(2,2)} \oplus 548V^{\varnothing,(2,1,1)} \oplus 548V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(2,2,1)} \oplus 4V^{\varnothing,(2,1,1,1)} \oplus 3V^{\varnothing,(1,1,1,1,1)} \oplus 7136V^{(1),\varnothing} \oplus 17684V^{(1),(1)} \oplus 5586V^{(1),(2)} \oplus 6954V^{(1),(1,1)} \oplus 1608V^{(1),(2,1)} \oplus 1728V^{(1),(1,1,1)} \oplus 33V^{(1),(2,2)} \oplus 41V^{(1),(2,1,1)} \oplus 41V^{(1),(1,1,1,1)} \oplus 3120V^{(2),\varnothing} \oplus 6630V^{(2),(1)} \oplus 1404V^{(2),(2)} \oplus 1796V^{(2),(1,1)} \oplus 137V^{(2),(2,1)} \oplus 143V^{(2),(1,1,1)} \oplus 3280V^{(1,1),\varnothing} \oplus 6846V^{(1,1),(1)} \oplus 1468V^{(1,1),(2)} \oplus 1892V^{(1,1),(1,1)} \oplus 141V^{(1,1),(2,1)} \oplus 149V^{(1,1),(1,1,1)} \oplus 902V^{(3),\varnothing} \oplus 1272V^{(3),(1)} \oplus 82V^{(3),(2)} \oplus 99V^{(3),(1,1)} \oplus 2002V^{(2,1),\varnothing} \oplus 1920V^{(2,1),(1)} \oplus 104V^{(2,1),(2)} \oplus 133V^{(2,1),(1,1)} \oplus 1452V^{(1,1,1),\varnothing} \oplus 1632V^{(1,1,1),(1)} \oplus 99V^{(1,1,1),(2)} \oplus 125V^{(1,1,1),(1,1)} \oplus 464V^{(3,1),\varnothing} \oplus 31V^{(3,1),(1)} \oplus 464V^{(2,2),\varnothing} \oplus 31V^{(2,2),(1)} \oplus 668V^{(2,1,1),\varnothing} \oplus 37V^{(2,1,1),(1)} \oplus 312V^{(1,1,1,1),\varnothing} \oplus 29V^{(1,1,1,1),(1)} \oplus 3V^{(3,2),\varnothing} \oplus 4V^{(3,1,1),\varnothing} \oplus 4V^{(2,2,1),\varnothing} \oplus 4V^{(2,1,1,1),\varnothing}$
$k = 8: \quad 1210V^{\varnothing,\varnothing} \oplus 5640V^{\varnothing,(1)} \oplus 2043V^{\varnothing,(2)} \oplus 2511V^{\varnothing,(1,1)} \oplus 1080V^{\varnothing,(2,1)} \oplus 1080V^{\varnothing,(1,1,1)} \oplus 360V^{\varnothing,(2,2)} \oplus 510V^{\varnothing,(2,1,1)} \oplus 510V^{\varnothing,(1,1,1,1)} \oplus 146V^{\varnothing,(2,2,1)} \oplus 222V^{\varnothing,(2,1,1,1)} \oplus 146V^{\varnothing,(1,1,1,1,1)} \oplus V^{\varnothing,(2,2,1,1)} \oplus V^{\varnothing,(2,1,1,1,1)} \oplus 2280V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 4496V^{(1),(2)} \oplus 5280V^{(1),(1,1)} \oplus 2166V^{(1),(2,1)} \oplus 2274V^{(1),(1,1,1)} \oplus 468V^{(1),(2,2)} \oplus 632V^{(1),(2,1,1)} \oplus 632V^{(1),(1,1,1,1)} \oplus 9V^{(1),(2,2,1)} \oplus 11V^{(1),(2,1,1,1)} \oplus 9V^{(1),(1,1,1,1,1)} \oplus 1356V^{(2),\varnothing} \oplus 5136V^{(2),(1)} \oplus 1886V^{(2),(2)} \oplus 2366V^{(2),(1,1)} \oplus 612V^{(2),(2,1)} \oplus 660V^{(2),(1,1,1)} \oplus 33V^{(2),(2,2)} \oplus 41V^{(2),(2,1,1)} \oplus 41V^{(2),(1,1,1,1)} \oplus 1356V^{(1,1),\varnothing} \oplus 5232V^{(1,1),(1)} \oplus 1958V^{(1,1),(2)} \oplus 2474V^{(1,1),(1,1)} \oplus 644V^{(1,1),(2,1)} \oplus 708V^{(1,1),(1,1,1)} \oplus 35V^{(1,1),(2,2)} \oplus 45V^{(1,1),(2,1,1)} \oplus 45V^{(1,1),(1,1,1,1)} \oplus 428V^{(3),\varnothing} \oplus 1794V^{(3),(1)} \oplus 412V^{(3),(2)} \oplus 508V^{(3),(1,1)} \oplus 59V^{(3),(2,1)} \oplus 63V^{(3),(1,1,1)} \oplus 948V^{(2,1),\varnothing} \oplus 2538V^{(2,1),(1)} \oplus 580V^{(2,1),(2)} \oplus 800V^{(2,1),(1,1)} \oplus 83V^{(2,1),(2,1)} \oplus 91V^{(2,1),(1,1,1)} \oplus 688V^{(1,1,1),\varnothing} \oplus 2166V^{(1,1,1),(1)} \oplus 508V^{(1,1,1),(2)} \oplus 672V^{(1,1,1),(1,1)} \oplus 77V^{(1,1,1),(2,1)} \oplus 83V^{(1,1,1),(1,1,1)} \oplus 384V^{(3,1),\varnothing} \oplus 592V^{(3,1),(1)} \oplus 23V^{(3,1),(2)} \oplus 35V^{(3,1),(1,1)} \oplus 384V^{(2,2),\varnothing} \oplus 592V^{(2,2),(1)} \oplus 23V^{(2,2),(2)} \oplus 35V^{(2,2),(1,1)} \oplus 534V^{(2,1,1),\varnothing} \oplus 736V^{(2,1,1),(1)} \oplus 28V^{(2,1,1),(2)} \oplus 43V^{(2,1,1),(1,1)} \oplus 234V^{(1,1,1,1),\varnothing} \oplus 488V^{(1,1,1,1),(1)} \oplus 22V^{(1,1,1,1),(2)} \oplus 33V^{(1,1,1,1),(1,1)} \oplus 104V^{(3,2),\varnothing} \oplus 7V^{(3,2),(1)} \oplus 180V^{(3,1,1),\varnothing} \oplus 9V^{(3,1,1),(1)} \oplus 180V^{(2,2,1),\varnothing} \oplus 9V^{(2,2,1),(1)} \oplus 180V^{(2,1,1,1),\varnothing} \oplus 9V^{(2,1,1,1),(1)} \oplus V^{(3,2,1),\varnothing} \oplus V^{(3,1,1,1),\varnothing} \oplus V^{(2,2,1,1),\varnothing}$
$k = 7: \quad 1225V^{\varnothing,(1)} \oplus 700V^{\varnothing,(2)} \oplus 700V^{\varnothing,(1,1)} \oplus 315V^{\varnothing,(2,1)} \oplus 315V^{\varnothing,(1,1,1)} \oplus 140V^{\varnothing,(2,2)} \oplus 140V^{\varnothing,(2,1,1)} \oplus 140V^{\varnothing,(1,1,1,1)} \oplus 70V^{\varnothing,(2,2,1)} \oplus 70V^{\varnothing,(2,1,1,1)} \oplus 70V^{\varnothing,(1,1,1,1,1)} \oplus 35V^{\varnothing,(2,2,1,1)} \oplus 35V^{\varnothing,(2,1,1,1,1)} \oplus 196V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2580V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1360V^{(1),(2,1)} \oplus 1360V^{(1),(1,1,1)} \oplus 550V^{(1),(2,2)} \oplus 650V^{(1),(2,1,1)} \oplus 650V^{(1),(1,1,1,1)} \oplus 204V^{(1),(2,2,1)} \oplus 256V^{(1),(2,1,1,1)} \oplus 204V^{(1),(1,1,1,1,1)} \oplus 3V^{(1),(2,2,1,1)} \oplus 3V^{(1),(2,1,1,1,1)} \oplus 140V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1352V^{(2),(2)} \oplus 1580V^{(2),(1,1)} \oplus 738V^{(2),(2,1)} \oplus 774V^{(2),(1,1,1)} \oplus 168V^{(2),(2,2)} \oplus 232V^{(2),(2,1,1)} \oplus 232V^{(2),(1,1,1,1)} \oplus 9V^{(2),(2,2,1)} \oplus 11V^{(2),(2,1,1,1)} \oplus 9V^{(2),(1,1,1,1,1)} \oplus 140V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1376V^{(1,1),(2)} \oplus$

Table 149: Table for $\lambda = (3,2,1,1)$, $\mu = (2,1,1,1,1,1)$:

$k = 14: \quad 34V^{\varnothing,\varnothing}$
$k = 13: \quad 8062V^{\varnothing,\varnothing} \oplus 705V^{\varnothing,(1)} \oplus 145V^{(1),\varnothing}$
$k = 12: \quad 15192V^{\varnothing,\varnothing} \oplus 8908V^{\varnothing,(1)} \oplus 134V^{\varnothing,(2)} \oplus 166V^{\varnothing,(1,1)} \oplus 7190V^{(1),\varnothing} \oplus 1697V^{(1),(1)} \oplus 75V^{(2),\varnothing} \oplus 77V^{(1,1),\varnothing}$
$k = 11: \quad 14884V^{\varnothing,\varnothing} \oplus 15474V^{\varnothing,(1)} \oplus 2090V^{\varnothing,(2)} \oplus 3270V^{\varnothing,(1,1)} \oplus 32V^{\varnothing,(2,1)} \oplus 41V^{\varnothing,(1,1,1)} \oplus 12420V^{(1),\varnothing} \oplus 11936V^{(1),(1)} \oplus 489V^{(1),(2)} \oplus 617V^{(1),(1,1)} \oplus 2820V^{(2),\varnothing} \oplus 449V^{(2),(1)} \oplus 3028V^{(1,1),\varnothing} \oplus 453V^{(1,1),(1)} \oplus 25V^{(3),\varnothing} \oplus 36V^{(2,1),\varnothing} \oplus 33V^{(1,1,1),\varnothing}$
$k = 10: \quad 10976V^{\varnothing,\varnothing} \oplus 15214V^{\varnothing,(1)} \oplus 3508V^{\varnothing,(2)} \oplus 5266V^{\varnothing,(1,1)} \oplus 818V^{\varnothing,(2,1)} \oplus 1286V^{\varnothing,(1,1,1)} \oplus 9V^{\varnothing,(2,1,1)} \oplus 12V^{\varnothing,(1,1,1,1)} \oplus 10316V^{(1),\varnothing} \oplus 19442V^{(1),(1)} \oplus 3120V^{(1),(2)} \oplus 4264V^{(1),(1,1)} \oplus 129V^{(1),(2,1)} \oplus 161V^{(1),(1,1,1)} \oplus 4260V^{(2),\varnothing} \oplus 4168V^{(2),(1)} \oplus 225V^{(2),(2)} \oplus 329V^{(2),(1,1)} \oplus 4560V^{(1,1),\varnothing} \oplus 4328V^{(1,1),(1)} \oplus 227V^{(1,1),(2)} \oplus 333V^{(1,1),(1,1)} \oplus 672V^{(3),\varnothing} \oplus 83V^{(3),(1)} \oplus 1538V^{(2,1),\varnothing} \oplus 107V^{(2,1),(1)} \oplus 1130V^{(1,1,1),\varnothing} \oplus 101V^{(1,1,1),(1)} \oplus 11V^{(3,1),\varnothing} \oplus 11V^{(2,2),\varnothing} \oplus 14V^{(2,1,1),\varnothing} \oplus 10V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 4770V^{\varnothing,\varnothing} \oplus 11425V^{\varnothing,(1)} \oplus 3160V^{\varnothing,(2)} \oplus 4360V^{\varnothing,(1,1)} \oplus 1180V^{\varnothing,(2,1)} \oplus 1730V^{\varnothing,(1,1,1)} \oplus 344V^{\varnothing,(2,1,1)} \oplus 548V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(2,1,1,1)} \oplus 4V^{\varnothing,(1,1,1,1,1)} \oplus 5880V^{(1),\varnothing} \oplus 17540V^{(1),(1)} \oplus 5118V^{(1),(2)} \oplus 6486V^{(1),(1,1)} \oplus 1184V^{(1),(2,1)} \oplus 1608V^{(1),(1,1,1)} \oplus 33V^{(1),(2,1,1)} \oplus 41V^{(1),(1,1,1,1)} \oplus 2800V^{(2),\varnothing} \oplus 6486V^{(2),(1)} \oplus 1140V^{(2),(2)} \oplus 1604V^{(2),(1,1)} \oplus 105V^{(2),(2,1)} \oplus 137V^{(2),(1,1,1)} \oplus 2960V^{(1,1),\varnothing} \oplus 6702V^{(1,1),(1)} \oplus 1172V^{(1,1),(2)} \oplus 1668V^{(1,1),(1,1)} \oplus 107V^{(1,1),(2,1)} \oplus 141V^{(1,1),(1,1,1)} \oplus 758V^{(3),\varnothing} \oplus 1224V^{(3),(1)} \oplus 42V^{(3),(2)} \oplus 83V^{(3),(1,1)} \oplus 1858V^{(2,1),\varnothing} \oplus 1848V^{(2,1),(1)} \oplus 54V^{(2,1),(2)} \oplus 107V^{(2,1),(1,1)} \oplus 1308V^{(1,1,1),\varnothing} \oplus 1560V^{(1,1,1),(1)} \oplus 51V^{(1,1,1),(2)} \oplus 101V^{(1,1,1),(1,1)} \oplus 432V^{(3,1),\varnothing} \oplus 25V^{(3,1),(1)} \oplus 432V^{(2,2),\varnothing} \oplus 25V^{(2,2),(1)} \oplus 636V^{(2,1,1),\varnothing} \oplus 31V^{(2,1,1),(1)} \oplus 280V^{(1,1,1,1),\varnothing} \oplus 23V^{(1,1,1,1),(1)} \oplus 3V^{(3,2),\varnothing} \oplus 4V^{(3,1,1),\varnothing} \oplus 4V^{(2,2,1),\varnothing} \oplus 4V^{(2,1,1,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 5640V^{\varnothing,(1)} \oplus 2043V^{\varnothing,(2)} \oplus 2511V^{\varnothing,(1,1)} \oplus 820V^{\varnothing,(2,1)} \oplus 1080V^{\varnothing,(1,1,1)} \oplus 360V^{\varnothing,(2,1,1)} \oplus 510V^{\varnothing,(1,1,1,1)} \oplus 146V^{\varnothing,(2,1,1,1)} \oplus 222V^{\varnothing,(1,1,1,1,1)} \oplus V^{\varnothing,(2,1,1,1,1)} \oplus V^{\varnothing,(1,1,1,1,1,1)} \oplus 1620V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 4352V^{(1),(2)} \oplus 5136V^{(1),(1,1)} \oplus 1758V^{(1),(2,1)} \oplus 2166V^{(1),(1,1,1)} \oplus 468V^{(1),(2,1,1)} \oplus 632V^{(1),(1,1,1,1)} \oplus 9V^{(1),(2,1,1,1)} \oplus 11V^{(1),(1,1,1,1,1)} \oplus 1056V^{(2),\varnothing} \oplus 5136V^{(2),(1)} \oplus 1730V^{(2),(2)} \oplus 2210V^{(2),(1,1)} \oplus 436V^{(2),(2,1)} \oplus 612V^{(2),(1,1,1)} \oplus 33V^{(2),(2,1,1)} \oplus 41V^{(2),(1,1,1,1)} \oplus 1056V^{(1,1),\varnothing} \oplus 5232V^{(1,1),(1)} \oplus 1766V^{(1,1),(2)} \oplus 2282V^{(1,1),(1,1)} \oplus 452V^{(1,1),(2,1)} \oplus 644V^{(1,1),(1,1,1)} \oplus 35V^{(1,1),(2,1,1)} \oplus 45V^{(1,1),(1,1,1,1)} \oplus 332V^{(3),\varnothing} \oplus 1794V^{(3),(1)} \oplus 356V^{(3),(2)} \oplus 452V^{(3),(1,1)} \oplus 42V^{(3),(2,1)} \oplus 59V^{(3),(1,1,1)} \oplus 852V^{(2,1),\varnothing} \oplus 2538V^{(2,1),(1)} \oplus 480V^{(2,1),(2)} \oplus 700V^{(2,1),(1,1)} \oplus 54V^{(2,1),(2,1)} \oplus 83V^{(2,1),(1,1,1)} \oplus 592V^{(1,1,1),\varnothing} \oplus 2166V^{(1,1,1),(1)} \oplus 424V^{(1,1,1),(2)} \oplus 588V^{(1,1,1),(1,1)} \oplus 51V^{(1,1,1),(2,1)} \oplus 77V^{(1,1,1),(1,1,1)} \oplus 336V^{(3,1),\varnothing} \oplus 592V^{(3,1),(1)} \oplus 13V^{(3,1),(2)} \oplus 25V^{(3,1),(1,1)} \oplus 336V^{(2,2),\varnothing} \oplus 592V^{(2,2),(1)} \oplus 13V^{(2,2),(2)} \oplus 25V^{(2,2),(1,1)} \oplus 486V^{(2,1,1),\varnothing} \oplus 736V^{(2,1,1),(1)} \oplus 16V^{(2,1,1),(2)} \oplus 31V^{(2,1,1),(1,1)} \oplus 186V^{(1,1,1,1),\varnothing} \oplus 488V^{(1,1,1,1),(1)} \oplus 12V^{(1,1,1,1),(2)} \oplus 23V^{(1,1,1,1),(1,1)} \oplus 88V^{(3,2),\varnothing} \oplus 7V^{(3,2),(1)} \oplus 164V^{(3,1,1),\varnothing} \oplus 9V^{(3,1,1),(1)} \oplus 164V^{(2,2,1),\varnothing} \oplus 9V^{(2,2,1),(1)} \oplus 164V^{(2,1,1,1),\varnothing} \oplus 9V^{(2,1,1,1),(1)} \oplus V^{(3,2,1),\varnothing} \oplus V^{(3,1,1,1),\varnothing} \oplus V^{(2,2,1,1),\varnothing}$
$k = 7: \quad 1225V^{\varnothing,(1)} \oplus 700V^{\varnothing,(2)} \oplus 700V^{\varnothing,(1,1)} \oplus 315V^{\varnothing,(2,1)} \oplus 315V^{\varnothing,(1,1,1)} \oplus 140V^{\varnothing,(2,1,1)} \oplus 140V^{\varnothing,(1,1,1,1)} \oplus 70V^{\varnothing,(2,1,1,1)} \oplus 70V^{\varnothing,(1,1,1,1,1)} \oplus 35V^{\varnothing,(2,1,1,1,1)} \oplus 35V^{\varnothing,(1,1,1,1,1,1)} \oplus 36V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2580V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1200V^{(1),(2,1)} \oplus 1360V^{(1),(1,1,1)} \oplus 550V^{(1),(2,1,1)} \oplus 650V^{(1),(1,1,1,1)} \oplus 204V^{(1),(2,1,1,1)} \oplus 256V^{(1),(1,1,1,1,1)} \oplus 3V^{(1),(2,1,1,1,1)} \oplus 3V^{(1),(1,1,1,1,1,1)} \oplus 30V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1316V^{(2),(2)} \oplus 1544V^{(2),(1,1)} \oplus 594V^{(2),(2,1)} \oplus 738V^{(2),(1,1,1)} \oplus 168V^{(2),(2,1,1)} \oplus 232V^{(2),(1,1,1,1)} \oplus 9V^{(2),(2,1,1,1)} \oplus 11V^{(2),(1,1,1,1,1)} \oplus 30V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1328V^{(1,1),(2)} \oplus 1568V^{(1,1),(1,1)} \oplus 606V^{(1,1),(2,1)} \oplus 762V^{(1,1),(1,1,1)} \oplus 176V^{(1,1),(2,1,1)} \oplus 248V^{(1,1),(1,1,1,1)} \oplus 11V^{(1,1),(2,1,1,1)} \oplus 13V^{(1,1),(1,1,1,1,1)} \oplus 24V^{(3),\varnothing} \oplus 1200V^{(3),(1)} \oplus 528V^{(3),(2)} \oplus 606V^{(3),(1,1)} \oplus 144V^{(3),(2,1)} \oplus$

Table 150: Table for $\lambda = (3,2,1,1)$, $\mu = (1,1,1,1,1,1,1)$:

$k = 14: \quad 4V^{\varnothing,\varnothing}$
$k = 13: \quad 6603V^{\varnothing,\varnothing} \oplus 571V^{\varnothing,(1)} \oplus 18V^{(1),\varnothing}$
$k = 12:$ $12715V^{\varnothing,\varnothing} \oplus 5784V^{\varnothing,(1)} \oplus 134V^{\varnothing,(1,1)} \oplus 5006V^{(1),\varnothing} \oplus 1209V^{(1),(1)} \oplus 14V^{(2),\varnothing} \oplus 15V^{(1,1),\varnothing}$
$k = 11: \quad 12973V^{\varnothing,\varnothing} \oplus 10362V^{\varnothing,(1)} \oplus 2090V^{\varnothing,(1,1)} \oplus 32V^{\varnothing,(1,1,1)} \oplus 9165V^{(1),\varnothing} \oplus 8856V^{(1),(1)} \oplus 489V^{(1),(1,1)} \oplus 1950V^{(2),\varnothing} \oplus 225V^{(2),(1)} \oplus 2054V^{(1,1),\varnothing} \oplus 227V^{(1,1),(1)} \oplus 7V^{(3),\varnothing} \oplus 12V^{(2,1),\varnothing} \oplus 10V^{(1,1,1),\varnothing}$
$k = 10:$ $9895V^{\varnothing,\varnothing} \oplus 10862V^{\varnothing,(1)} \oplus 3508V^{\varnothing,(1,1)} \oplus 818V^{\varnothing,(1,1,1)} \oplus 9V^{\varnothing,(1,1,1,1)} \oplus 8248V^{(1),\varnothing} \oplus 15346V^{(1),(1)} \oplus 3120V^{(1),(1,1)} \oplus 129V^{(1),(1,1,1)} \oplus 3247V^{(2),\varnothing} \oplus 3072V^{(2),(1)} \oplus 225V^{(2),(1,1)} \oplus 3397V^{(1,1),\varnothing} \oplus 3152V^{(1,1),(1)} \oplus 227V^{(1,1),(1,1)} \oplus 438V^{(3),\varnothing} \oplus 42V^{(3),(1)} \oplus 1160V^{(2,1),\varnothing} \oplus 54V^{(2,1),(1)} \oplus 804V^{(1,1,1),\varnothing} \oplus 51V^{(1,1,1),(1)} \oplus 6V^{(3,1),\varnothing} \oplus 6V^{(2,2),\varnothing} \oplus 8V^{(2,1,1),\varnothing} \oplus 5V^{(1,1,1,1),\varnothing}$
$k = 9:$ $4440V^{\varnothing,\varnothing} \oplus 8845V^{\varnothing,(1)} \oplus 3160V^{\varnothing,(1,1)} \oplus 1180V^{\varnothing,(1,1,1)} \oplus 344V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(1,1,1,1,1)} \oplus 5065V^{(1),\varnothing} \oplus 14644V^{(1),(1)} \oplus 5118V^{(1),(1,1)} \oplus 1184V^{(1),(1,1,1)} \oplus 33V^{(1),(1,1,1,1)} \oplus 2336V^{(2),\varnothing} \oplus 5118V^{(2),(1)} \oplus 1140V^{(2),(1,1)} \oplus 105V^{(2),(1,1,1)} \oplus 2416V^{(1,1),\varnothing} \oplus 5226V^{(1,1),(1)} \oplus 1172V^{(1,1),(1,1)} \oplus 107V^{(1,1),(1,1,1)} \oplus 559V^{(3),\varnothing} \oplus 992V^{(3),(1)} \oplus 42V^{(3),(1,1)} \oplus 1559V^{(2,1),\varnothing} \oplus 1304V^{(2,1),(1)} \oplus 54V^{(2,1),(1,1)} \oplus 1059V^{(1,1,1),\varnothing} \oplus 1160V^{(1,1,1),(1)} \oplus 51V^{(1,1,1),(1,1)} \oplus 360V^{(3,1),\varnothing} \oplus 13V^{(3,1),(1)} \oplus 360V^{(2,2),\varnothing} \oplus 13V^{(2,2),(1)} \oplus 538V^{(2,1,1),\varnothing} \oplus 16V^{(2,1,1),(1)} \oplus 208V^{(1,1,1,1),\varnothing} \oplus 12V^{(1,1,1,1),(1)} \oplus 3V^{(3,2),\varnothing} \oplus 4V^{(3,1,1),\varnothing} \oplus 4V^{(2,2,1),\varnothing} \oplus 4V^{(2,1,1,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 4920V^{\varnothing,(1)} \oplus 2043V^{\varnothing,(1,1)} \oplus 820V^{\varnothing,(1,1,1)} \oplus 360V^{\varnothing,(1,1,1,1)} \oplus 146V^{\varnothing,(1,1,1,1,1)} \oplus V^{\varnothing,(1,1,1,1,1,1)} \oplus 1446V^{(1),\varnothing} \oplus 10580V^{(1),(1)} \oplus 4352V^{(1),(1,1)} \oplus 1758V^{(1),(1,1,1)} \oplus 468V^{(1),(1,1,1,1)} \oplus 9V^{(1),(1,1,1,1,1)} \oplus 941V^{(2),\varnothing} \oplus 4352V^{(2),(1)} \oplus 1730V^{(2),(1,1)} \oplus 436V^{(2),(1,1,1)} \oplus 33V^{(2),(1,1,1,1)} \oplus 941V^{(1,1),\varnothing} \oplus 4400V^{(1,1),(1)} \oplus 1766V^{(1,1),(1,1)} \oplus 452V^{(1,1),(1,1,1)} \oplus 35V^{(1,1),(1,1,1,1)} \oplus 264V^{(3),\varnothing} \oplus 1572V^{(3),(1)} \oplus 356V^{(3),(1,1)} \oplus 42V^{(3),(1,1,1)} \oplus 784V^{(2,1),\varnothing} \oplus 1944V^{(2,1),(1)} \oplus 480V^{(2,1),(1,1)} \oplus 54V^{(2,1),(1,1,1)} \oplus 524V^{(1,1,1),\varnothing} \oplus 1758V^{(1,1,1),(1)} \oplus 424V^{(1,1,1),(1,1)} \oplus 51V^{(1,1,1),(1,1,1)} \oplus 303V^{(3,1),\varnothing} \oplus 448V^{(3,1),(1)} \oplus 13V^{(3,1),(1,1)} \oplus 303V^{(2,2),\varnothing} \oplus 448V^{(2,2),(1)} \oplus 13V^{(2,2),(1,1)} \oplus 453V^{(2,1,1),\varnothing} \oplus 520V^{(2,1,1),(1)} \oplus 16V^{(2,1,1),(1,1)} \oplus 153V^{(1,1,1,1),\varnothing} \oplus 396V^{(1,1,1,1),(1)} \oplus 12V^{(1,1,1,1),(1,1)} \oplus 78V^{(3,2),\varnothing} \oplus 4V^{(3,2),(1)} \oplus 154V^{(3,1,1),\varnothing} \oplus 5V^{(3,1,1),(1)} \oplus 154V^{(2,2,1),\varnothing} \oplus 5V^{(2,2,1),(1)} \oplus 154V^{(2,1,1,1),\varnothing} \oplus 5V^{(2,1,1,1),(1)} \oplus 2V^{(3,2,1),\varnothing} \oplus 2V^{(3,1,1,1),\varnothing} \oplus 2V^{(2,2,1,1),\varnothing}$
$k = 7: \quad 1225V^{\varnothing,(1)} \oplus 700V^{\varnothing,(1,1)} \oplus 315V^{\varnothing,(1,1,1)} \oplus 140V^{\varnothing,(1,1,1,1)} \oplus 70V^{\varnothing,(1,1,1,1,1)} \oplus 35V^{\varnothing,(1,1,1,1,1,1)} \oplus V^{(1),\varnothing} \oplus 4560V^{(1),(1)} \oplus 2580V^{(1),(1,1)} \oplus 1200V^{(1),(1,1,1)} \oplus 550V^{(1),(1,1,1,1)} \oplus 204V^{(1),(1,1,1,1,1)} \oplus 3V^{(1),(1,1,1,1,1,1)} \oplus V^{(2),\varnothing} \oplus 2580V^{(2),(1)} \oplus 1316V^{(2),(1,1)} \oplus 594V^{(2),(1,1,1)} \oplus 168V^{(2),(1,1,1,1)} \oplus 9V^{(2),(1,1,1,1,1)} \oplus V^{(1,1),\varnothing} \oplus 2580V^{(1,1),(1)} \oplus 1328V^{(1,1),(1,1)} \oplus 606V^{(1,1),(1,1,1)} \oplus 176V^{(1,1),(1,1,1,1)} \oplus 11V^{(1,1),(1,1,1,1,1)} \oplus V^{(3),\varnothing} \oplus 1120V^{(3),(1)} \oplus 528V^{(3),(1,1)} \oplus 144V^{(3),(1,1,1)} \oplus 18V^{(3),(1,1,1,1)} \oplus V^{(2,1),\varnothing} \oplus 1280V^{(2,1),(1)} \oplus 660V^{(2,1),(1,1)} \oplus 198V^{(2,1),(1,1,1)} \oplus 30V^{(2,1),(1,1,1,1)} \oplus V^{(1,1,1),\varnothing} \oplus 1200V^{(1,1,1),(1)} \oplus 594V^{(1,1,1),(1,1)} \oplus 174V^{(1,1,1),(1,1,1)} \oplus 27V^{(1,1,1),(1,1,1,1)} \oplus V^{(3,1),\varnothing} \oplus 550V^{(3,1),(1)} \oplus 160V^{(3,1),(1,1)} \oplus 13V^{(3,1),(1,1,1)} \oplus V^{(2,2),\varnothing} \oplus 550V^{(2,2),(1)} \oplus 160V^{(2,2),(1,1)} \oplus 13V^{(2,2),(1,1,1)} \oplus V^{(2,1,1),\varnothing} \oplus 600V^{(2,1,1),(1)} \oplus 188V^{(2,1,1),(1,1)} \oplus 16V^{(2,1,1),(1,1,1)} \oplus V^{(1,1,1,1),\varnothing} \oplus 500V^{(1,1,1,1),(1)} \oplus 140V^{(1,1,1,1),(1,1)} \oplus 12V^{(1,1,1,1),(1,1,1)} \oplus V^{(3,2),\varnothing} \oplus 178V^{(3,2),(1)} \oplus 4V^{(3,2),(1,1)} \oplus V^{(3,1,1),\varnothing} \oplus 204V^{(3,1,1),(1)} \oplus 5V^{(3,1,1),(1,1)} \oplus V^{(2,2,1),\varnothing} \oplus 204V^{(2,2,1),(1)} \oplus 5V^{(2,2,1),(1,1)} \oplus V^{(2,1,1,1),\varnothing} \oplus 204V^{(2,1,1,1),(1)} \oplus 5V^{(2,1,1,1),(1,1)} \oplus V^{(3,2,1),\varnothing} \oplus 2V^{(3,2,1),(1)} \oplus V^{(3,1,1,1),\varnothing} \oplus 2V^{(3,1,1,1),(1)} \oplus V^{(2,2,1,1),\varnothing} \oplus 2V^{(2,2,1,1),(1)} \oplus V^{(3,2,1,1),\varnothing}$
$k = 6: \quad 720V^{(1),(1)} \oplus 720V^{(1),(1,1)} \oplus 468V^{(1),(1,1,1)} \oplus 260V^{(1),(1,1,1,1)} \oplus 150V^{(1),(1,1,1,1,1)} \oplus$

Table 151: Table for $\lambda = (3,1,1,1,1)$, $\mu = (7,)$:

$k = 14: \quad 3V^{\varnothing,\varnothing}$
$k = 13: \quad 6567V^{\varnothing,\varnothing} \oplus 206V^{\varnothing,(1)} \oplus 14V^{(1),\varnothing}$
$k = 12:$ $12677V^{\varnothing,\varnothing} \oplus 4134V^{\varnothing,(1)} \oplus 81V^{\varnothing,(2)} \oplus 4956V^{(1),\varnothing} \oplus 1059V^{(1),(1)} \oplus 9V^{(2),\varnothing} \oplus 11V^{(1,1),\varnothing}$
$k = 11: \quad 12947V^{\varnothing,\varnothing} \oplus 7338V^{\varnothing,(1)} \oplus 1554V^{\varnothing,(2)} \oplus 28V^{\varnothing,(3)} \oplus 9105V^{(1),\varnothing} \oplus 8544V^{(1),(1)} \oplus 339V^{(1),(2)} \oplus 1802V^{(2),\varnothing} \oplus 187V^{(2),(1)} \oplus 1926V^{(1,1),\varnothing} \oplus 195V^{(1,1),(1)} \oplus 4V^{(3),\varnothing} \oplus 7V^{(2,1),\varnothing} \oplus 8V^{(1,1,1),\varnothing}$
$k = 10: \quad 9860V^{\varnothing,\varnothing} \oplus 7142V^{\varnothing,(1)} \oplus 2508V^{\varnothing,(2)} \oplus 618V^{\varnothing,(3)} \oplus 9V^{\varnothing,(4)} \oplus 8224V^{(1),\varnothing} \oplus 15190V^{(1),(1)} \oplus 3024V^{(1),(2)} \oplus 99V^{(1),(3)} \oplus 3061V^{(2),\varnothing} \oplus 2848V^{(2),(1)} \oplus 187V^{(2),(2)} \oplus 3229V^{(1,1),\varnothing} \oplus 2976V^{(1,1),(1)} \oplus 195V^{(1,1),(2)} \oplus 376V^{(3),\varnothing} \oplus 34V^{(3),(1)} \oplus 742V^{(2,1),\varnothing} \oplus 43V^{(2,1),(1)} \oplus 794V^{(1,1,1),\varnothing} \oplus 45V^{(1,1,1),(1)} \oplus 3V^{(3,1),\varnothing} \oplus 5V^{(2,1,1),\varnothing} \oplus 5V^{(1,1,1,1),\varnothing}$
$k = 9:$ $4440V^{\varnothing,\varnothing} \oplus 4605V^{\varnothing,(1)} \oplus 2040V^{\varnothing,(2)} \oplus 820V^{\varnothing,(3)} \oplus 264V^{\varnothing,(4)} \oplus 3V^{\varnothing,(5)} \oplus 5065V^{(1),\varnothing} \oplus 14608V^{(1),(1)} \oplus 5082V^{(1),(2)} \oplus 1160V^{(1),(3)} \oplus 27V^{(1),(4)} \oplus 2256V^{(2),\varnothing} \oplus 4938V^{(2),(1)} \oplus 1036V^{(2),(2)} \oplus 67V^{(2),(3)} \oplus 2336V^{(1,1),\varnothing} \oplus 5082V^{(1,1),(1)} \oplus 1092V^{(1,1),(2)} \oplus 75V^{(1,1),(3)} \oplus 509V^{(3),\varnothing} \oplus 928V^{(3),(1)} \oplus 34V^{(3),(2)} \oplus 1009V^{(2,1),\varnothing} \oplus 1096V^{(2,1),(1)} \oplus 43V^{(2,1),(2)} \oplus 1059V^{(1,1,1),\varnothing} \oplus 1136V^{(1,1,1),(1)} \oplus 45V^{(1,1,1),(2)} \oplus 182V^{(3,1),\varnothing} \oplus 10V^{(3,1),(1)} \oplus 360V^{(2,1,1),\varnothing} \oplus 13V^{(2,1,1),(1)} \oplus 360V^{(1,1,1,1),\varnothing} \oplus 13V^{(1,1,1,1),(1)} \oplus 2V^{(3,1,1),\varnothing} \oplus 3V^{(2,1,1,1),\varnothing} \oplus 2V^{(1,1,1,1,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 1710V^{\varnothing,(1)} \oplus 993V^{\varnothing,(2)} \oplus 500V^{\varnothing,(3)} \oplus 240V^{\varnothing,(4)} \oplus 106V^{\varnothing,(5)} \oplus V^{\varnothing,(6)} \oplus 1446V^{(1),\varnothing} \oplus 10580V^{(1),(1)} \oplus 4352V^{(1),(2)} \oplus 1758V^{(1),(3)} \oplus 468V^{(1),(4)} \oplus 9V^{(1),(5)} \oplus 941V^{(2),\varnothing} \oplus 4304V^{(2),(1)} \oplus 1670V^{(2),(2)} \oplus 396V^{(2),(3)} \oplus 19V^{(2),(4)} \oplus 941V^{(1,1),\varnothing} \oplus 4352V^{(1,1),(1)} \oplus 1718V^{(1,1),(2)} \oplus 424V^{(1,1),(3)} \oplus 27V^{(1,1),(4)} \oplus 264V^{(3),\varnothing} \oplus 1536V^{(3),(1)} \oplus 328V^{(3),(2)} \oplus 34V^{(3),(3)} \oplus 524V^{(2,1),\varnothing} \oplus 1722V^{(2,1),(1)} \oplus 396V^{(2,1),(2)} \oplus 43V^{(2,1),(3)} \oplus 524V^{(1,1,1),\varnothing} \oplus 1758V^{(1,1,1),(1)} \oplus 412V^{(1,1,1),(2)} \oplus 45V^{(1,1,1),(3)} \oplus 153V^{(3,1),\varnothing} \oplus 376V^{(3,1),(1)} \oplus 10V^{(3,1),(2)} \oplus 303V^{(2,1,1),\varnothing} \oplus 448V^{(2,1,1),(1)} \oplus 13V^{(2,1,1),(2)} \oplus 303V^{(1,1,1,1),\varnothing} \oplus 448V^{(1,1,1,1),(1)} \oplus 13V^{(1,1,1,1),(2)} \oplus 78V^{(3,1,1),\varnothing} \oplus 4V^{(3,1,1),(1)} \oplus 154V^{(2,1,1,1),\varnothing} \oplus 5V^{(2,1,1,1),(1)} \oplus 78V^{(1,1,1,1,1),\varnothing} \oplus 4V^{(1,1,1,1,1),(1)} \oplus V^{(3,1,1,1),\varnothing} \oplus V^{(2,1,1,1,1),\varnothing}$
$k = 7: \quad 225V^{\varnothing,(1)} \oplus 165V^{\varnothing,(2)} \oplus 105V^{\varnothing,(3)} \oplus 60V^{\varnothing,(4)} \oplus 30V^{\varnothing,(5)} \oplus 15V^{\varnothing,(6)} \oplus V^{(1),\varnothing} \oplus 4560V^{(1),(1)} \oplus 2580V^{(1),(2)} \oplus 1200V^{(1),(3)} \oplus 550V^{(1),(4)} \oplus 204V^{(1),(5)} \oplus 3V^{(1),(6)} \oplus V^{(2),\varnothing} \oplus 2580V^{(2),(1)} \oplus 1304V^{(2),(2)} \oplus 582V^{(2),(3)} \oplus 160V^{(2),(4)} \oplus 7V^{(2),(5)} \oplus V^{(1,1),\varnothing} \oplus 2580V^{(1,1),(1)} \oplus 1316V^{(1,1),(2)} \oplus 594V^{(1,1),(3)} \oplus 168V^{(1,1),(4)} \oplus 9V^{(1,1),(5)} \oplus V^{(3),\varnothing} \oplus 1120V^{(3),(1)} \oplus 516V^{(3),(2)} \oplus 130V^{(3),(3)} \oplus 10V^{(3),(4)} \oplus V^{(2,1),\varnothing} \oplus 1200V^{(2,1),(1)} \oplus 582V^{(2,1),(2)} \oplus 160V^{(2,1),(3)} \oplus 19V^{(2,1),(4)} \oplus V^{(1,1,1),\varnothing} \oplus 1200V^{(1,1,1),(1)} \oplus 594V^{(1,1,1),(2)} \oplus 168V^{(1,1,1),(3)} \oplus 21V^{(1,1,1),(4)} \oplus V^{(3,1),\varnothing} \oplus 500V^{(3,1),(1)} \oplus 132V^{(3,1),(2)} \oplus 10V^{(3,1),(3)} \oplus V^{(2,1,1),\varnothing} \oplus 550V^{(2,1,1),(1)} \oplus 160V^{(2,1,1),(2)} \oplus 13V^{(2,1,1),(3)} \oplus V^{(1,1,1,1),\varnothing} \oplus 550V^{(1,1,1,1),(1)} \oplus 160V^{(1,1,1,1),(2)} \oplus 13V^{(1,1,1,1),(3)} \oplus V^{(3,1,1),\varnothing} \oplus 178V^{(3,1,1),(1)} \oplus 4V^{(3,1,1),(2)} \oplus V^{(2,1,1,1),\varnothing} \oplus 204V^{(2,1,1,1),(1)} \oplus 5V^{(2,1,1,1),(2)} \oplus V^{(1,1,1,1,1),\varnothing} \oplus 178V^{(1,1,1,1,1),(1)} \oplus 4V^{(1,1,1,1,1),(2)} \oplus V^{(3,1,1,1),\varnothing} \oplus 2V^{(3,1,1,1),(1)} \oplus V^{(2,1,1,1,1),\varnothing} \oplus 2V^{(2,1,1,1,1),(1)}$
$k = 6: \quad 720V^{(1),(1)} \oplus 720V^{(1),(2)} \oplus 468V^{(1),(3)} \oplus 260V^{(1),(4)} \oplus 150V^{(1),(5)} \oplus 76V^{(1),(6)} \oplus V^{(1),(7)} \oplus 720V^{(2),(1)} \oplus 648V^{(2),(2)} \oplus 368V^{(2),(3)} \oplus 186V^{(2),(4)} \oplus 72V^{(2),(5)} \oplus 3V^{(2),(6)} \oplus 720V^{(1,1),(1)} \oplus 648V^{(1,1),(2)} \oplus 368V^{(1,1),(3)} \oplus 186V^{(1,1),(4)} \oplus 72V^{(1,1),(5)} \oplus 3V^{(1,1),(6)} \oplus 468V^{(3),(1)} \oplus 344V^{(3),(2)} \oplus 184V^{(3),(3)} \oplus 52V^{(3),(4)} \oplus 4V^{(3),(5)} \oplus 468V^{(2,1),(1)} \oplus 368V^{(2,1),(2)} \oplus 206V^{(2,1),(3)} \oplus 64V^{(2,1),(4)} \oplus 7V^{(2,1),(5)} \oplus 468V^{(1,1,1),(1)} \oplus 368V^{(1,1,1),(2)} \oplus 210V^{(1,1,1),(3)} \oplus 68V^{(1,1,1),(4)} \oplus 9V^{(1,1,1),(5)} \oplus 260V^{(3,1),(1)} \oplus 168V^{(3,1),(2)} \oplus 52V^{(3,1),(3)} \oplus 10V^{(3,1),(4)} \oplus 260V^{(2,1,1),(1)} \oplus 186V^{(2,1,1),(2)} \oplus 64V^{(2,1,1),(3)} \oplus 13V^{(2,1,1),(4)} \oplus 260V^{(1,1,1,1),(1)} \oplus 186V^{(1,1,1,1),(2)} \oplus 64V^{(1,1,1,1),(3)} \oplus$

Table 152: Table for $\lambda = (3,1,1,1,1)$, $\mu = (6,1)$:

$k = 14: \quad 17V^{\varnothing,\varnothing}$
$k = 13: \quad 7862V^{\varnothing,\varnothing} \oplus 287V^{\varnothing,(1)} \oplus 113V^{(1),\varnothing}$
$k = 12: \quad 14902V^{\varnothing,\varnothing} \oplus 7128V^{\varnothing,(1)} \oplus 109V^{\varnothing,(2)} \oplus 81V^{\varnothing,(1,1)} \oplus 6876V^{(1),\varnothing} \oplus 1397V^{(1),(1)} \oplus 53V^{(2),\varnothing} \oplus 60V^{(1,1),\varnothing}$
$k = 11: \quad 14638V^{\varnothing,\varnothing} \oplus 12426V^{\varnothing,(1)} \oplus 2718V^{\varnothing,(2)} \oplus 1554V^{\varnothing,(1,1)} \oplus 37V^{\varnothing,(3)} \oplus 28V^{\varnothing,(2,1)} \oplus 12090V^{(1),\varnothing} \oplus 11312V^{(1),(1)} \oplus 437V^{(1),(2)} \oplus 339V^{(1),(1,1)} \oplus 2372V^{(2),\varnothing} \oplus 373V^{(2),(1)} \oplus 2680V^{(1,1),\varnothing} \oplus 389V^{(1,1),(1)} \oplus 18V^{(3),\varnothing} \oplus 26V^{(2,1),\varnothing} \oplus 28V^{(1,1,1),\varnothing}$
$k = 10: \quad 10646V^{\varnothing,\varnothing} \oplus 11494V^{\varnothing,(1)} \oplus 4266V^{\varnothing,(2)} \oplus 2508V^{\varnothing,(1,1)} \oplus 1086V^{\varnothing,(3)} \oplus 618V^{\varnothing,(2,1)} \oplus 12V^{\varnothing,(4)} \oplus 9V^{\varnothing,(3,1)} \oplus 10196V^{(1),\varnothing} \oplus 19130V^{(1),(1)} \oplus 4072V^{(1),(2)} \oplus 3024V^{(1),(1,1)} \oplus 125V^{(1),(3)} \oplus 99V^{(1),(2,1)} \oplus 3780V^{(2),\varnothing} \oplus 3720V^{(2),(1)} \oplus 253V^{(2),(2)} \oplus 187V^{(2),(1,1)} \oplus 4170V^{(1,1),\varnothing} \oplus 3976V^{(1,1),(1)} \oplus 269V^{(1,1),(2)} \oplus 195V^{(1,1),(1,1)} \oplus 518V^{(3),\varnothing} \oplus 67V^{(3),(1)} \oplus 976V^{(2,1),\varnothing} \oplus 85V^{(2,1),(1)} \oplus 1080V^{(1,1,1),\varnothing} \oplus 89V^{(1,1,1),(1)} \oplus 8V^{(3,1),\varnothing} \oplus 11V^{(2,1,1),\varnothing} \oplus 11V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 4560V^{\varnothing,\varnothing} \oplus 7185V^{\varnothing,(1)} \oplus 3240V^{\varnothing,(2)} \oplus 2040V^{\varnothing,(1,1)} \oplus 1370V^{\varnothing,(3)} \oplus 820V^{\varnothing,(2,1)} \oplus 468V^{\varnothing,(4)} \oplus 264V^{\varnothing,(3,1)} \oplus 4V^{\varnothing,(5)} \oplus 3V^{\varnothing,(4,1)} \oplus 5880V^{(1),\varnothing} \oplus 17468V^{(1),(1)} \oplus 6414V^{(1),(2)} \oplus 5082V^{(1),(1,1)} \oplus 1560V^{(1),(3)} \oplus 1160V^{(1),(2,1)} \oplus 35V^{(1),(4)} \oplus 27V^{(1),(3,1)} \oplus 2640V^{(2),\varnothing} \oplus 6126V^{(2),(1)} \oplus 1396V^{(2),(2)} \oplus 1036V^{(2),(1,1)} \oplus 85V^{(2),(3)} \oplus 67V^{(2),(2,1)} \oplus 2800V^{(1,1),\varnothing} \oplus 6414V^{(1,1),(1)} \oplus 1508V^{(1,1),(2)} \oplus 1092V^{(1,1),(1,1)} \oplus 101V^{(1,1),(3)} \oplus 75V^{(1,1),(2,1)} \oplus 658V^{(3),\varnothing} \oplus 1096V^{(3),(1)} \oplus 67V^{(3),(2)} \oplus 34V^{(3),(1,1)} \oplus 1208V^{(2,1),\varnothing} \oplus 1432V^{(2,1),(1)} \oplus 85V^{(2,1),(2)} \oplus 43V^{(2,1),(1,1)} \oplus 1308V^{(1,1,1),\varnothing} \oplus 1512V^{(1,1,1),(1)} \oplus 89V^{(1,1,1),(2)} \oplus 45V^{(1,1,1),(1,1)} \oplus 228V^{(3,1),\varnothing} \oplus 19V^{(3,1),(1)} \oplus 432V^{(2,1,1),\varnothing} \oplus 25V^{(2,1,1),(1)} \oplus 432V^{(1,1,1,1),\varnothing} \oplus 25V^{(1,1,1,1),(1)} \oplus 3V^{(3,1,1),\varnothing} \oplus 4V^{(2,1,1,1),\varnothing} \oplus 3V^{(1,1,1,1,1),\varnothing}$
$k = 8:$ $720V^{\varnothing,\varnothing} \oplus 2430V^{\varnothing,(1)} \oplus 1461V^{\varnothing,(2)} \oplus 993V^{\varnothing,(1,1)} \oplus 760V^{\varnothing,(3)} \oplus 500V^{\varnothing,(2,1)} \oplus 390V^{\varnothing,(4)} \oplus 240V^{\varnothing,(3,1)} \oplus 182V^{\varnothing,(5)} \oplus 106V^{\varnothing,(4,1)} \oplus V^{\varnothing,(6)} \oplus V^{\varnothing,(5,1)} \oplus 1620V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 5136V^{(1),(2)} \oplus 4352V^{(1),(1,1)} \oplus 2166V^{(1),(3)} \oplus 1758V^{(1),(2,1)} \oplus 632V^{(1),(4)} \oplus 468V^{(1),(3,1)} \oplus 11V^{(1),(5)} \oplus 9V^{(1),(4,1)} \oplus 1056V^{(2),\varnothing} \oplus 5040V^{(2),(1)} \oplus 2090V^{(2),(2)} \oplus 1670V^{(2),(1,1)} \oplus 532V^{(2),(3)} \oplus 396V^{(2),(2,1)} \oplus 25V^{(2),(4)} \oplus 19V^{(2),(3,1)} \oplus 1056V^{(1,1),\varnothing} \oplus 5136V^{(1,1),(1)} \oplus 2186V^{(1,1),(2)} \oplus 1718V^{(1,1),(1,1)} \oplus 588V^{(1,1),(3)} \oplus 424V^{(1,1),(2,1)} \oplus 35V^{(1,1),(4)} \oplus 27V^{(1,1),(3,1)} \oplus 332V^{(3),\varnothing} \oplus 1722V^{(3),(1)} \oplus 396V^{(3),(2)} \oplus 328V^{(3),(1,1)} \oplus 43V^{(3),(3)} \oplus 34V^{(3),(2,1)} \oplus 592V^{(2,1),\varnothing} \oplus 2094V^{(2,1),(1)} \oplus 532V^{(2,1),(2)} \oplus 396V^{(2,1),(1,1)} \oplus 61V^{(2,1),(3)} \oplus 43V^{(2,1),(2,1)} \oplus 592V^{(1,1,1),\varnothing} \oplus 2166V^{(1,1,1),(1)} \oplus 564V^{(1,1,1),(2)} \oplus 412V^{(1,1,1),(1,1)} \oplus 65V^{(1,1,1),(3)} \oplus 45V^{(1,1,1),(2,1)} \oplus 186V^{(3,1),\varnothing} \oplus 448V^{(3,1),(1)} \oplus 19V^{(3,1),(2)} \oplus 10V^{(3,1),(1,1)} \oplus 336V^{(2,1,1),\varnothing} \oplus 592V^{(2,1,1),(1)} \oplus 25V^{(2,1,1),(2)} \oplus 13V^{(2,1,1),(1,1)} \oplus 336V^{(1,1,1,1),\varnothing} \oplus 592V^{(1,1,1,1),(1)} \oplus 25V^{(1,1,1,1),(2)} \oplus 13V^{(1,1,1,1),(1,1)} \oplus 88V^{(3,1,1),\varnothing} \oplus 7V^{(3,1,1),(1)} \oplus 164V^{(2,1,1,1),\varnothing} \oplus 9V^{(2,1,1,1),(1)} \oplus 88V^{(1,1,1,1,1),\varnothing} \oplus 7V^{(1,1,1,1,1),(1)} \oplus V^{(3,1,1,1),\varnothing} \oplus V^{(2,1,1,1,1),\varnothing}$
$k = 7: \quad 225V^{\varnothing,(1)} \oplus 165V^{\varnothing,(2)} \oplus 165V^{\varnothing,(1,1)} \oplus 105V^{\varnothing,(3)} \oplus 105V^{\varnothing,(2,1)} \oplus 60V^{\varnothing,(4)} \oplus 60V^{\varnothing,(3,1)} \oplus 30V^{\varnothing,(5)} \oplus 30V^{\varnothing,(4,1)} \oplus 15V^{\varnothing,(6)} \oplus 15V^{\varnothing,(5,1)} \oplus 36V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2580V^{(1),(1,1)} \oplus 1360V^{(1),(3)} \oplus 1200V^{(1),(2,1)} \oplus 650V^{(1),(4)} \oplus 550V^{(1),(3,1)} \oplus 256V^{(1),(5)} \oplus 204V^{(1),(4,1)} \oplus 3V^{(1),(6)} \oplus 3V^{(1),(5,1)} \oplus 30V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1520V^{(2),(2)} \oplus 1304V^{(2),(1,1)} \oplus 714V^{(2),(3)} \oplus 582V^{(2),(2,1)} \oplus 216V^{(2),(4)} \oplus 160V^{(2),(3,1)} \oplus 9V^{(2),(5)} \oplus 7V^{(2),(4,1)} \oplus 30V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1544V^{(1,1),(2)} \oplus 1316V^{(1,1),(1,1)} \oplus 738V^{(1,1),(3)} \oplus 594V^{(1,1),(2,1)} \oplus 232V^{(1,1),(4)} \oplus 168V^{(1,1),(3,1)} \oplus 11V^{(1,1),(5)} \oplus 9V^{(1,1),(4,1)} \oplus 24V^{(3),\varnothing} \oplus 1200V^{(3),(1)} \oplus 582V^{(3),(2)} \oplus 516V^{(3),(1,1)} \oplus 160V^{(3),(3)} \oplus 130V^{(3),(2,1)} \oplus 13V^{(3),(4)} \oplus 10V^{(3),(3,1)} \oplus 24V^{(2,1),\varnothing} \oplus 1360V^{(2,1),(1)} \oplus 714V^{(2,1),(2)} \oplus 582V^{(2,1),(1,1)} \oplus 220V^{(2,1),(3)} \oplus 160V^{(2,1),(2,1)} \oplus 25V^{(2,1),(4)} \oplus 19V^{(2,1),(3,1)} \oplus 24V^{(1,1,1),\varnothing} \oplus 1360V^{(1,1,1),(1)} \oplus 738V^{(1,1,1),(2)} \oplus 594V^{(1,1,1),(1,1)} \oplus 236V^{(1,1,1),(3)} \oplus 168V^{(1,1,1),(2,1)} \oplus$

Table 153: Table for $\lambda = (3,1,1,1,1)$, $\mu = (5,2)$:

$k = 14: \quad 17V^{\varnothing,\varnothing}$
$k = 13: \quad 7982V^{\varnothing,\varnothing} \oplus 312V^{\varnothing,(1)} \oplus 255V^{(1),\varnothing}$
$k = 12: \quad 15142V^{\varnothing,\varnothing} \oplus 7520V^{\varnothing,(1)} \oplus 117V^{\varnothing,(2)} \oplus 108V^{\varnothing,(1,1)} \oplus 7680V^{(1),\varnothing} \oplus 1487V^{(1),(1)} \oplus 86V^{(2),\varnothing} \oplus 93V^{(1,1),\varnothing}$
$k = 11: \quad 14878V^{\varnothing,\varnothing} \oplus 12864V^{\varnothing,(1)} \oplus 3046V^{\varnothing,(2)} \oplus 1958V^{\varnothing,(1,1)} \oplus 39V^{\varnothing,(3)} \oplus 37V^{\varnothing,(2,1)} \oplus 13362V^{(1),\varnothing} \oplus 11888V^{(1),(1)} \oplus 461V^{(1),(2)} \oplus 435V^{(1),(1,1)} \oplus 2612V^{(2),\varnothing} \oplus 433V^{(2),(1)} \oplus 2920V^{(1,1),\varnothing} \oplus 455V^{(1,1),(1)} \oplus 22V^{(3),\varnothing} \oplus 30V^{(2,1),\varnothing} \oplus 32V^{(1,1,1),\varnothing}$
$k = 10: \quad 10766V^{\varnothing,\varnothing} \oplus 11638V^{\varnothing,(1)} \oplus 4674V^{\varnothing,(2)} \oplus 2916V^{\varnothing,(1,1)} \oplus 1190V^{\varnothing,(3)} \oplus 1086V^{\varnothing,(2,1)} \oplus 12V^{\varnothing,(4)} \oplus 12V^{\varnothing,(3,1)} \oplus 9V^{\varnothing,(2,2)} \oplus 11236V^{(1),\varnothing} \oplus 19598V^{(1),(1)} \oplus 4456V^{(1),(2)} \oplus 3552V^{(1),(1,1)} \oplus 131V^{(1),(3)} \oplus 125V^{(1),(2,1)} \oplus 4180V^{(2),\varnothing} \oplus 3912V^{(2),(1)} \oplus 269V^{(2),(2)} \oplus 251V^{(2),(1,1)} \oplus 4570V^{(1,1),\varnothing} \oplus 4216V^{(1,1),(1)} \oplus 293V^{(1,1),(2)} \oplus 267V^{(1,1),(1,1)} \oplus 598V^{(3),\varnothing} \oplus 97V^{(3),(1)} \oplus 1056V^{(2,1),\varnothing} \oplus 121V^{(2,1),(1)} \oplus 1160V^{(1,1,1),\varnothing} \oplus 125V^{(1,1,1),(1)} \oplus 8V^{(3,1),\varnothing} \oplus 11V^{(2,1,1),\varnothing} \oplus 11V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 4560V^{\varnothing,\varnothing} \oplus 7185V^{\varnothing,(1)} \oplus 3400V^{\varnothing,(2)} \oplus 2200V^{\varnothing,(1,1)} \oplus 1470V^{\varnothing,(3)} \oplus 1370V^{\varnothing,(2,1)} \oplus 468V^{\varnothing,(4)} \oplus 468V^{\varnothing,(3,1)} \oplus 264V^{\varnothing,(2,2)} \oplus 3V^{\varnothing,(5)} \oplus 4V^{\varnothing,(4,1)} \oplus 3V^{\varnothing,(3,2)} \oplus 7136V^{(1),\varnothing} \oplus 17576V^{(1),(1)} \oplus 6846V^{(1),(2)} \oplus 5514V^{(1),(1,1)} \oplus 1680V^{(1),(3)} \oplus 1560V^{(1),(2,1)} \oplus 35V^{(1),(4)} \oplus 35V^{(1),(3,1)} \oplus 27V^{(1),(2,2)} \oplus 2960V^{(2),\varnothing} \oplus 6198V^{(2),(1)} \oplus 1508V^{(2),(2)} \oplus 1196V^{(2),(1,1)} \oplus 89V^{(2),(3)} \oplus 85V^{(2),(2,1)} \oplus 3120V^{(1,1),\varnothing} \oplus 6522V^{(1,1),(1)} \oplus 1676V^{(1,1),(2)} \oplus 1308V^{(1,1),(1,1)} \oplus 107V^{(1,1),(3)} \oplus 101V^{(1,1),(2,1)} \oplus 802V^{(3),\varnothing} \oplus 1120V^{(3),(1)} \oplus 75V^{(3),(2)} \oplus 66V^{(3),(1,1)} \oplus 1352V^{(2,1),\varnothing} \oplus 1480V^{(2,1),(1)} \oplus 101V^{(2,1),(2)} \oplus 83V^{(2,1),(1,1)} \oplus 1452V^{(1,1,1),\varnothing} \oplus 1560V^{(1,1,1),(1)} \oplus 107V^{(1,1,1),(2)} \oplus 87V^{(1,1,1),(1,1)} \oplus 260V^{(3,1),\varnothing} \oplus 25V^{(3,1),(1)} \oplus 464V^{(2,1,1),\varnothing} \oplus 31V^{(2,1,1),(1)} \oplus 464V^{(1,1,1,1),\varnothing} \oplus 31V^{(1,1,1,1),(1)} \oplus 3V^{(3,1,1),\varnothing} \oplus 4V^{(2,1,1,1),\varnothing} \oplus 3V^{(1,1,1,1,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 2430V^{\varnothing,(1)} \oplus 1461V^{\varnothing,(2)} \oplus 993V^{\varnothing,(1,1)} \oplus 760V^{\varnothing,(3)} \oplus 760V^{\varnothing,(2,1)} \oplus 390V^{\varnothing,(4)} \oplus 390V^{\varnothing,(3,1)} \oplus 240V^{\varnothing,(2,2)} \oplus 106V^{\varnothing,(5)} \oplus 182V^{\varnothing,(4,1)} \oplus 106V^{\varnothing,(3,2)} \oplus V^{\varnothing,(5,1)} \oplus V^{\varnothing,(4,2)} \oplus 2280V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 5280V^{(1),(2)} \oplus 4496V^{(1),(1,1)} \oplus 2274V^{(1),(3)} \oplus 2166V^{(1),(2,1)} \oplus 632V^{(1),(4)} \oplus 632V^{(1),(3,1)} \oplus 468V^{(1),(2,2)} \oplus 9V^{(1),(5)} \oplus 11V^{(1),(4,1)} \oplus 9V^{(1),(3,2)} \oplus 1356V^{(2),\varnothing} \oplus 5040V^{(2),(1)} \oplus 2186V^{(2),(2)} \oplus 1766V^{(2),(1,1)} \oplus 564V^{(2),(3)} \oplus 532V^{(2),(2,1)} \oplus 25V^{(2),(4)} \oplus 25V^{(2),(3,1)} \oplus 19V^{(2),(2,2)} \oplus 1356V^{(1,1),\varnothing} \oplus 5136V^{(1,1),(1)} \oplus 2330V^{(1,1),(2)} \oplus 1862V^{(1,1),(1,1)} \oplus 636V^{(1,1),(3)} \oplus 588V^{(1,1),(2,1)} \oplus 35V^{(1,1),(4)} \oplus 35V^{(1,1),(3,1)} \oplus 27V^{(1,1),(2,2)} \oplus 428V^{(3),\varnothing} \oplus 1722V^{(3),(1)} \oplus 424V^{(3),(2)} \oplus 356V^{(3),(1,1)} \oplus 45V^{(3),(3)} \oplus 43V^{(3),(2,1)} \oplus 688V^{(2,1),\varnothing} \oplus 2094V^{(2,1),(1)} \oplus 588V^{(2,1),(2)} \oplus 452V^{(2,1),(1,1)} \oplus 65V^{(2,1),(3)} \oplus 61V^{(2,1),(2,1)} \oplus 688V^{(1,1,1),\varnothing} \oplus 2166V^{(1,1,1),(1)} \oplus 636V^{(1,1,1),(2)} \oplus 484V^{(1,1,1),(1,1)} \oplus 71V^{(1,1,1),(3)} \oplus 65V^{(1,1,1),(2,1)} \oplus 234V^{(3,1),\varnothing} \oplus 448V^{(3,1),(1)} \oplus 27V^{(3,1),(2)} \oplus 18V^{(3,1),(1,1)} \oplus 384V^{(2,1,1),\varnothing} \oplus 592V^{(2,1,1),(1)} \oplus 35V^{(2,1,1),(2)} \oplus 23V^{(2,1,1),(1,1)} \oplus 384V^{(1,1,1,1),\varnothing} \oplus 592V^{(1,1,1,1),(1)} \oplus 35V^{(1,1,1,1),(2)} \oplus 23V^{(1,1,1,1),(1,1)} \oplus 104V^{(3,1,1),\varnothing} \oplus 7V^{(3,1,1),(1)} \oplus 180V^{(2,1,1,1),\varnothing} \oplus 9V^{(2,1,1,1),(1)} \oplus 104V^{(1,1,1,1,1),\varnothing} \oplus 7V^{(1,1,1,1,1),(1)} \oplus V^{(3,1,1,1),\varnothing} \oplus V^{(2,1,1,1,1),\varnothing}$
$k = 7: \quad 225V^{\varnothing,(1)} \oplus 165V^{\varnothing,(2)} \oplus 165V^{\varnothing,(1,1)} \oplus 105V^{\varnothing,(3)} \oplus 105V^{\varnothing,(2,1)} \oplus 60V^{\varnothing,(4)} \oplus 60V^{\varnothing,(3,1)} \oplus 60V^{\varnothing,(2,2)} \oplus 30V^{\varnothing,(5)} \oplus 30V^{\varnothing,(4,1)} \oplus 30V^{\varnothing,(3,2)} \oplus 15V^{\varnothing,(5,1)} \oplus 15V^{\varnothing,(4,2)} \oplus 196V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2580V^{(1),(1,1)} \oplus 1360V^{(1),(3)} \oplus 1360V^{(1),(2,1)} \oplus 650V^{(1),(4)} \oplus 650V^{(1),(3,1)} \oplus 550V^{(1),(2,2)} \oplus 204V^{(1),(5)} \oplus 256V^{(1),(4,1)} \oplus 204V^{(1),(3,2)} \oplus 3V^{(1),(5,1)} \oplus 3V^{(1),(4,2)} \oplus 140V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1544V^{(2),(2)} \oplus 1328V^{(2),(1,1)} \oplus 738V^{(2),(3)} \oplus 714V^{(2),(2,1)} \oplus 216V^{(2),(4)} \oplus 216V^{(2),(3,1)} \oplus 160V^{(2),(2,2)} \oplus 7V^{(2),(5)} \oplus 9V^{(2),(4,1)} \oplus 7V^{(2),(3,2)} \oplus 140V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1580V^{(1,1),(2)} \oplus 1352V^{(1,1),(1,1)} \oplus 774V^{(1,1),(3)} \oplus 738V^{(1,1),(2,1)} \oplus 232V^{(1,1),(4)} \oplus 232V^{(1,1),(3,1)} \oplus 168V^{(1,1),(2,2)} \oplus 9V^{(1,1),(5)} \oplus 11V^{(1,1),(4,1)} \oplus 9V^{(1,1),(3,2)} \oplus 84V^{(3),\varnothing} \oplus 1200V^{(3),(1)} \oplus 594V^{(3),(2)} \oplus 528V^{(3),(1,1)} \oplus 168V^{(3),(3)} \oplus 160V^{(3),(2,1)} \oplus 13V^{(3),(4)} \oplus 13V^{(3),(3,1)} \oplus 10V^{(3),(2,2)} \oplus 84V^{(2,1),\varnothing} \oplus 1360V^{(2,1),(1)} \oplus 738V^{(2,1),(2)} \oplus 606V^{(2,1),(1,1)} \oplus 236V^{(2,1),(3)} \oplus$

Table 154: Table for $\lambda = (3,1,1,1,1)$, $\mu = (5,1,1)$:

$k = 14: \quad 63V^{\varnothing,\varnothing}$
$k = 13: \quad 8385V^{\varnothing,\varnothing} \oplus 314V^{\varnothing,(1)} \oplus 314V^{(1),\varnothing}$
$k = 12: \quad 15568V^{\varnothing,\varnothing} \oplus 8040V^{\varnothing,(1)} \oplus 117V^{\varnothing,(2)} \oplus 109V^{\varnothing,(1,1)} \oplus 8040V^{(1),\varnothing} \oplus 1493V^{(1),(1)} \oplus 109V^{(2),\varnothing} \oplus 117V^{(1,1),\varnothing}$
$k = 11: \quad 15283V^{\varnothing,\varnothing} \oplus 13764V^{\varnothing,(1)} \oplus 3046V^{\varnothing,(2)} \oplus 2718V^{\varnothing,(1,1)} \oplus 39V^{\varnothing,(3)} \oplus 37V^{\varnothing,(2,1)} \oplus 28V^{\varnothing,(1,1,1)} \oplus 13764V^{(1),\varnothing} \oplus 12488V^{(1),(1)} \oplus 461V^{(1),(2)} \oplus 437V^{(1),(1,1)} \oplus 2718V^{(2),\varnothing} \oplus 437V^{(2),(1)} \oplus 3046V^{(1,1),\varnothing} \oplus 461V^{(1,1),(1)} \oplus 28V^{(3),\varnothing} \oplus 37V^{(2,1),\varnothing} \oplus 39V^{(1,1,1),\varnothing}$
$k = 10: \quad 11030V^{\varnothing,\varnothing} \oplus 12278V^{\varnothing,(1)} \oplus 4674V^{\varnothing,(2)} \oplus 4266V^{\varnothing,(1,1)} \oplus 1190V^{\varnothing,(3)} \oplus 1086V^{\varnothing,(2,1)} \oplus 618V^{\varnothing,(1,1,1)} \oplus 12V^{\varnothing,(4)} \oplus 12V^{\varnothing,(3,1)} \oplus 9V^{\varnothing,(2,1,1)} \oplus 12278V^{(1),\varnothing} \oplus 20570V^{(1),(1)} \oplus 4456V^{(1),(2)} \oplus 4072V^{(1),(1,1)} \oplus 131V^{(1),(3)} \oplus 125V^{(1),(2,1)} \oplus 99V^{(1),(1,1,1)} \oplus 4266V^{(2),\varnothing} \oplus 4072V^{(2),(1)} \oplus 269V^{(2),(2)} \oplus 253V^{(2),(1,1)} \oplus 4674V^{(1,1),\varnothing} \oplus 4456V^{(1,1),(1)} \oplus 293V^{(1,1),(2)} \oplus 269V^{(1,1),(1,1)} \oplus 618V^{(3),\varnothing} \oplus 99V^{(3),(1)} \oplus 1086V^{(2,1),\varnothing} \oplus 125V^{(2,1),(1)} \oplus 1190V^{(1,1,1),\varnothing} \oplus 131V^{(1,1,1),(1)} \oplus 9V^{(3,1),\varnothing} \oplus 12V^{(2,1,1),\varnothing} \oplus 12V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 4785V^{\varnothing,\varnothing} \oplus 7425V^{\varnothing,(1)} \oplus 3400V^{\varnothing,(2)} \oplus 3240V^{\varnothing,(1,1)} \oplus 1470V^{\varnothing,(3)} \oplus 1370V^{\varnothing,(2,1)} \oplus 820V^{\varnothing,(1,1,1)} \oplus 468V^{\varnothing,(4)} \oplus 468V^{\varnothing,(3,1)} \oplus 264V^{\varnothing,(2,1,1)} \oplus 3V^{\varnothing,(5)} \oplus 4V^{\varnothing,(4,1)} \oplus 3V^{\varnothing,(3,1,1)} \oplus 7425V^{(1),\varnothing} \oplus 18152V^{(1),(1)} \oplus 6846V^{(1),(2)} \oplus 6414V^{(1),(1,1)} \oplus 1680V^{(1),(3)} \oplus 1560V^{(1),(2,1)} \oplus 1160V^{(1),(1,1,1)} \oplus 35V^{(1),(4)} \oplus 35V^{(1),(3,1)} \oplus 27V^{(1),(2,1,1)} \oplus 3240V^{(2),\varnothing} \oplus 6414V^{(2),(1)} \oplus 1508V^{(2),(2)} \oplus 1396V^{(2),(1,1)} \oplus 89V^{(2),(3)} \oplus 85V^{(2),(2,1)} \oplus 67V^{(2),(1,1,1)} \oplus 3400V^{(1,1),\varnothing} \oplus 6846V^{(1,1),(1)} \oplus 1676V^{(1,1),(2)} \oplus 1508V^{(1,1),(1,1)} \oplus 107V^{(1,1),(3)} \oplus 101V^{(1,1),(2,1)} \oplus 75V^{(1,1),(1,1,1)} \oplus 820V^{(3),\varnothing} \oplus 1160V^{(3),(1)} \oplus 75V^{(3),(2)} \oplus 67V^{(3),(1,1)} \oplus 1370V^{(2,1),\varnothing} \oplus 1560V^{(2,1),(1)} \oplus 101V^{(2,1),(2)} \oplus 85V^{(2,1),(1,1)} \oplus 1470V^{(1,1,1),\varnothing} \oplus 1680V^{(1,1,1),(1)} \oplus 107V^{(1,1,1),(2)} \oplus 89V^{(1,1,1),(1,1)} \oplus 264V^{(3,1),\varnothing} \oplus 27V^{(3,1),(1)} \oplus 468V^{(2,1,1),\varnothing} \oplus 35V^{(2,1,1),(1)} \oplus 468V^{(1,1,1,1),\varnothing} \oplus 35V^{(1,1,1,1),(1)} \oplus 3V^{(3,1,1),\varnothing} \oplus 4V^{(2,1,1,1),\varnothing} \oplus 3V^{(1,1,1,1,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 2430V^{\varnothing,(1)} \oplus 1461V^{\varnothing,(2)} \oplus 1461V^{\varnothing,(1,1)} \oplus 760V^{\varnothing,(3)} \oplus 760V^{\varnothing,(2,1)} \oplus 500V^{\varnothing,(1,1,1)} \oplus 390V^{\varnothing,(4)} \oplus 390V^{\varnothing,(3,1)} \oplus 240V^{\varnothing,(2,1,1)} \oplus 106V^{\varnothing,(5)} \oplus 182V^{\varnothing,(4,1)} \oplus 106V^{\varnothing,(3,1,1)} \oplus V^{\varnothing,(5,1)} \oplus V^{\varnothing,(4,1,1)} \oplus 2430V^{(1),\varnothing} \oplus 12068V^{(1),(1)} \oplus 5280V^{(1),(2)} \oplus 5136V^{(1),(1,1)} \oplus 2274V^{(1),(3)} \oplus 2166V^{(1),(2,1)} \oplus 1758V^{(1),(1,1,1)} \oplus 632V^{(1),(4)} \oplus 632V^{(1),(3,1)} \oplus 468V^{(1),(2,1,1)} \oplus 9V^{(1),(5)} \oplus 11V^{(1),(4,1)} \oplus 9V^{(1),(3,1,1)} \oplus 1461V^{(2),\varnothing} \oplus 5136V^{(2),(1)} \oplus 2186V^{(2),(2)} \oplus 2090V^{(2),(1,1)} \oplus 564V^{(2),(3)} \oplus 532V^{(2),(2,1)} \oplus 396V^{(2),(1,1,1)} \oplus 25V^{(2),(4)} \oplus 25V^{(2),(3,1)} \oplus 19V^{(2),(2,1,1)} \oplus 1461V^{(1,1),\varnothing} \oplus 5280V^{(1,1),(1)} \oplus 2330V^{(1,1),(2)} \oplus 2186V^{(1,1),(1,1)} \oplus 636V^{(1,1),(3)} \oplus 588V^{(1,1),(2,1)} \oplus 424V^{(1,1),(1,1,1)} \oplus 35V^{(1,1),(4)} \oplus 35V^{(1,1),(3,1)} \oplus 27V^{(1,1),(2,1,1)} \oplus 500V^{(3),\varnothing} \oplus 1758V^{(3),(1)} \oplus 424V^{(3),(2)} \oplus 396V^{(3),(1,1)} \oplus 45V^{(3),(3)} \oplus 43V^{(3),(2,1)} \oplus 34V^{(3),(1,1,1)} \oplus 760V^{(2,1),\varnothing} \oplus 2166V^{(2,1),(1)} \oplus 588V^{(2,1),(2)} \oplus 532V^{(2,1),(1,1)} \oplus 65V^{(2,1),(3)} \oplus 61V^{(2,1),(2,1)} \oplus 43V^{(2,1),(1,1,1)} \oplus 760V^{(1,1,1),\varnothing} \oplus 2274V^{(1,1,1),(1)} \oplus 636V^{(1,1,1),(2)} \oplus 564V^{(1,1,1),(1,1)} \oplus 71V^{(1,1,1),(3)} \oplus 65V^{(1,1,1),(2,1)} \oplus 45V^{(1,1,1),(1,1,1)} \oplus 240V^{(3,1),\varnothing} \oplus 468V^{(3,1),(1)} \oplus 27V^{(3,1),(2)} \oplus 19V^{(3,1),(1,1)} \oplus 390V^{(2,1,1),\varnothing} \oplus 632V^{(2,1,1),(1)} \oplus 35V^{(2,1,1),(2)} \oplus 25V^{(2,1,1),(1,1)} \oplus 390V^{(1,1,1,1),\varnothing} \oplus 632V^{(1,1,1,1),(1)} \oplus 35V^{(1,1,1,1),(2)} \oplus 25V^{(1,1,1,1),(1,1)} \oplus 106V^{(3,1,1),\varnothing} \oplus 9V^{(3,1,1),(1)} \oplus 182V^{(2,1,1,1),\varnothing} \oplus 11V^{(2,1,1,1),(1)} \oplus 106V^{(1,1,1,1,1),\varnothing} \oplus 9V^{(1,1,1,1,1),(1)} \oplus V^{(3,1,1,1),\varnothing} \oplus V^{(2,1,1,1,1),\varnothing}$
$k = 7: \quad 225V^{\varnothing,(1)} \oplus 165V^{\varnothing,(2)} \oplus 165V^{\varnothing,(1,1)} \oplus 105V^{\varnothing,(3)} \oplus 105V^{\varnothing,(2,1)} \oplus 105V^{\varnothing,(1,1,1)} \oplus 60V^{\varnothing,(4)} \oplus 60V^{\varnothing,(3,1)} \oplus 60V^{\varnothing,(2,1,1)} \oplus 30V^{\varnothing,(5)} \oplus 30V^{\varnothing,(4,1)} \oplus 30V^{\varnothing,(3,1,1)} \oplus 15V^{\varnothing,(5,1)} \oplus 15V^{\varnothing,(4,1,1)} \oplus 225V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1360V^{(1),(3)} \oplus 1360V^{(1),(2,1)} \oplus 1200V^{(1),(1,1,1)} \oplus 650V^{(1),(4)} \oplus 650V^{(1),(3,1)} \oplus 550V^{(1),(2,1,1)} \oplus 204V^{(1),(5)} \oplus 256V^{(1),(4,1)} \oplus 204V^{(1),(3,1,1)} \oplus 3V^{(1),(5,1)} \oplus 3V^{(1),(4,1,1)} \oplus 165V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1544V^{(2),(2)} \oplus 1520V^{(2),(1,1)} \oplus 738V^{(2),(3)} \oplus 714V^{(2),(2,1)} \oplus 582V^{(2),(1,1,1)} \oplus 216V^{(2),(4)} \oplus 216V^{(2),(3,1)} \oplus 160V^{(2),(2,1,1)} \oplus 7V^{(2),(5)} \oplus 9V^{(2),(4,1)} \oplus 7V^{(2),(3,1,1)} \oplus 165V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1580V^{(1,1),(2)} \oplus 1544V^{(1,1),(1,1)} \oplus 774V^{(1,1),(3)} \oplus$

Table 155: Table for $\lambda = (3,1,1,1,1)$, $\mu = (4,3)$:

$k = 14: \quad 17V^{\varnothing,\varnothing}$
$k = 13: \quad 7982V^{\varnothing,\varnothing} \oplus 293V^{\varnothing,(1)} \oplus 253V^{(1),\varnothing}$
$k = 12: \quad 15142V^{\varnothing,\varnothing} \oplus 7368V^{\varnothing,(1)} \oplus 111V^{\varnothing,(2)} \oplus 108V^{\varnothing,(1,1)} \oplus 7676V^{(1),\varnothing} \oplus 1415V^{(1),(1)} \oplus 85V^{(2),\varnothing} \oplus 92V^{(1,1),\varnothing}$
$k = 11: \quad 14878V^{\varnothing,\varnothing} \oplus 12750V^{\varnothing,(1)} \oplus 2926V^{\varnothing,(2)} \oplus 1958V^{\varnothing,(1,1)} \oplus 37V^{\varnothing,(3)} \oplus 37V^{\varnothing,(2,1)} \oplus 13362V^{(1),\varnothing} \oplus 11600V^{(1),(1)} \oplus 443V^{(1),(2)} \oplus 435V^{(1),(1,1)} \oplus 2612V^{(2),\varnothing} \oplus 385V^{(2),(1)} \oplus 2920V^{(1,1),\varnothing} \oplus 407V^{(1,1),(1)} \oplus 22V^{(3),\varnothing} \oplus 30V^{(2,1),\varnothing} \oplus 32V^{(1,1,1),\varnothing}$
$k = 10: \quad 10766V^{\varnothing,\varnothing} \oplus 11638V^{\varnothing,(1)} \oplus 4566V^{\varnothing,(2)} \oplus 2916V^{\varnothing,(1,1)} \oplus 1086V^{\varnothing,(3)} \oplus 1086V^{\varnothing,(2,1)} \oplus 9V^{\varnothing,(4)} \oplus 12V^{\varnothing,(3,1)} \oplus 11V^{\varnothing,(2,2)} \oplus 11236V^{(1),\varnothing} \oplus 19454V^{(1),(1)} \oplus 4312V^{(1),(2)} \oplus 3552V^{(1),(1,1)} \oplus 125V^{(1),(3)} \oplus 125V^{(1),(2,1)} \oplus 4180V^{(2),\varnothing} \oplus 3816V^{(2),(1)} \oplus 257V^{(2),(2)} \oplus 251V^{(2),(1,1)} \oplus 4570V^{(1,1),\varnothing} \oplus 4120V^{(1,1),(1)} \oplus 275V^{(1,1),(2)} \oplus 267V^{(1,1),(1,1)} \oplus 598V^{(3),\varnothing} \oplus 73V^{(3),(1)} \oplus 1056V^{(2,1),\varnothing} \oplus 97V^{(2,1),(1)} \oplus 1160V^{(1,1,1),\varnothing} \oplus 101V^{(1,1,1),(1)} \oplus 8V^{(3,1),\varnothing} \oplus 11V^{(2,1,1),\varnothing} \oplus 11V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 4560V^{\varnothing,\varnothing} \oplus 7185V^{\varnothing,(1)} \oplus 3400V^{\varnothing,(2)} \oplus 2200V^{\varnothing,(1,1)} \oplus 1370V^{\varnothing,(3)} \oplus 1370V^{\varnothing,(2,1)} \oplus 264V^{\varnothing,(4)} \oplus 468V^{\varnothing,(3,1)} \oplus 316V^{\varnothing,(2,2)} \oplus 3V^{\varnothing,(4,1)} \oplus 4V^{\varnothing,(3,2)} \oplus 7136V^{(1),\varnothing} \oplus 17576V^{(1),(1)} \oplus 6738V^{(1),(2)} \oplus 5514V^{(1),(1,1)} \oplus 1560V^{(1),(3)} \oplus 1560V^{(1),(2,1)} \oplus 27V^{(1),(4)} \oplus 35V^{(1),(3,1)} \oplus 33V^{(1),(2,2)} \oplus 2960V^{(2),\varnothing} \oplus 6198V^{(2),(1)} \oplus 1460V^{(2),(2)} \oplus 1196V^{(2),(1,1)} \oplus 85V^{(2),(3)} \oplus 85V^{(2),(2,1)} \oplus 3120V^{(1,1),\varnothing} \oplus 6522V^{(1,1),(1)} \oplus 1604V^{(1,1),(2)} \oplus 1308V^{(1,1),(1,1)} \oplus 101V^{(1,1),(3)} \oplus 101V^{(1,1),(2,1)} \oplus 802V^{(3),\varnothing} \oplus 1120V^{(3),(1)} \oplus 69V^{(3),(2)} \oplus 66V^{(3),(1,1)} \oplus 1352V^{(2,1),\varnothing} \oplus 1480V^{(2,1),(1)} \oplus 89V^{(2,1),(2)} \oplus 83V^{(2,1),(1,1)} \oplus 1452V^{(1,1,1),\varnothing} \oplus 1560V^{(1,1,1),(1)} \oplus 95V^{(1,1,1),(2)} \oplus 87V^{(1,1,1),(1,1)} \oplus 260V^{(3,1),\varnothing} \oplus 25V^{(3,1),(1)} \oplus 464V^{(2,1,1),\varnothing} \oplus 31V^{(2,1,1),(1)} \oplus 464V^{(1,1,1,1),\varnothing} \oplus 31V^{(1,1,1,1),(1)} \oplus 3V^{(3,1,1),\varnothing} \oplus 4V^{(2,1,1,1),\varnothing} \oplus 3V^{(1,1,1,1,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 2430V^{\varnothing,(1)} \oplus 1461V^{\varnothing,(2)} \oplus 993V^{\varnothing,(1,1)} \oplus 760V^{\varnothing,(3)} \oplus 760V^{\varnothing,(2,1)} \oplus 240V^{\varnothing,(4)} \oplus 390V^{\varnothing,(3,1)} \oplus 240V^{\varnothing,(2,2)} \oplus 106V^{\varnothing,(4,1)} \oplus 182V^{\varnothing,(3,2)} \oplus V^{\varnothing,(4,2)} \oplus V^{\varnothing,(3,3)} \oplus 2196V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 5280V^{(1),(2)} \oplus 4496V^{(1),(1,1)} \oplus 2166V^{(1),(3)} \oplus 2166V^{(1),(2,1)} \oplus 468V^{(1),(4)} \oplus 632V^{(1),(3,1)} \oplus 528V^{(1),(2,2)} \oplus 9V^{(1),(4,1)} \oplus 11V^{(1),(3,2)} \oplus 1356V^{(2),\varnothing} \oplus 5040V^{(2),(1)} \oplus 2162V^{(2),(2)} \oplus 1766V^{(2),(1,1)} \oplus 532V^{(2),(3)} \oplus 532V^{(2),(2,1)} \oplus 19V^{(2),(4)} \oplus 25V^{(2),(3,1)} \oplus 23V^{(2),(2,2)} \oplus 1356V^{(1,1),\varnothing} \oplus 5136V^{(1,1),(1)} \oplus 2294V^{(1,1),(2)} \oplus 1862V^{(1,1),(1,1)} \oplus 588V^{(1,1),(3)} \oplus 588V^{(1,1),(2,1)} \oplus 27V^{(1,1),(4)} \oplus 35V^{(1,1),(3,1)} \oplus 33V^{(1,1),(2,2)} \oplus 428V^{(3),\varnothing} \oplus 1722V^{(3),(1)} \oplus 412V^{(3),(2)} \oplus 356V^{(3),(1,1)} \oplus 43V^{(3),(3)} \oplus 43V^{(3),(2,1)} \oplus 688V^{(2,1),\varnothing} \oplus 2094V^{(2,1),(1)} \oplus 564V^{(2,1),(2)} \oplus 452V^{(2,1),(1,1)} \oplus 61V^{(2,1),(3)} \oplus 61V^{(2,1),(2,1)} \oplus 688V^{(1,1,1),\varnothing} \oplus 2166V^{(1,1,1),(1)} \oplus 612V^{(1,1,1),(2)} \oplus 484V^{(1,1,1),(1,1)} \oplus 65V^{(1,1,1),(3)} \oplus 65V^{(1,1,1),(2,1)} \oplus 234V^{(3,1),\varnothing} \oplus 448V^{(3,1),(1)} \oplus 21V^{(3,1),(2)} \oplus 18V^{(3,1),(1,1)} \oplus 384V^{(2,1,1),\varnothing} \oplus 592V^{(2,1,1),(1)} \oplus 29V^{(2,1,1),(2)} \oplus 23V^{(2,1,1),(1,1)} \oplus 384V^{(1,1,1,1),\varnothing} \oplus 592V^{(1,1,1,1),(1)} \oplus 29V^{(1,1,1,1),(2)} \oplus 23V^{(1,1,1,1),(1,1)} \oplus 104V^{(3,1,1),\varnothing} \oplus 7V^{(3,1,1),(1)} \oplus 180V^{(2,1,1,1),\varnothing} \oplus 9V^{(2,1,1,1),(1)} \oplus 104V^{(1,1,1,1,1),\varnothing} \oplus 7V^{(1,1,1,1,1),(1)} \oplus V^{(3,1,1,1),\varnothing} \oplus V^{(2,1,1,1,1),\varnothing}$
$k = 7: \quad 225V^{\varnothing,(1)} \oplus 165V^{\varnothing,(2)} \oplus 165V^{\varnothing,(1,1)} \oplus 105V^{\varnothing,(3)} \oplus 105V^{\varnothing,(2,1)} \oplus 60V^{\varnothing,(4)} \oplus 60V^{\varnothing,(3,1)} \oplus 60V^{\varnothing,(2,2)} \oplus 30V^{\varnothing,(4,1)} \oplus 30V^{\varnothing,(3,2)} \oplus 15V^{\varnothing,(4,2)} \oplus 15V^{\varnothing,(3,3)} \oplus 196V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2580V^{(1),(1,1)} \oplus 1360V^{(1),(3)} \oplus 1360V^{(1),(2,1)} \oplus 550V^{(1),(4)} \oplus 650V^{(1),(3,1)} \oplus 550V^{(1),(2,2)} \oplus 204V^{(1),(4,1)} \oplus 256V^{(1),(3,2)} \oplus 3V^{(1),(4,2)} \oplus 3V^{(1),(3,3)} \oplus 126V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1544V^{(2),(2)} \oplus 1328V^{(2),(1,1)} \oplus 714V^{(2),(3)} \oplus 714V^{(2),(2,1)} \oplus 160V^{(2),(4)} \oplus 216V^{(2),(3,1)} \oplus 176V^{(2),(2,2)} \oplus 7V^{(2),(4,1)} \oplus 9V^{(2),(3,2)} \oplus 126V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1580V^{(1,1),(2)} \oplus 1352V^{(1,1),(1,1)} \oplus 738V^{(1,1),(3)} \oplus 738V^{(1,1),(2,1)} \oplus 168V^{(1,1),(4)} \oplus 232V^{(1,1),(3,1)} \oplus 192V^{(1,1),(2,2)} \oplus 9V^{(1,1),(4,1)} \oplus 11V^{(1,1),(3,2)} \oplus 84V^{(3),\varnothing} \oplus 1200V^{(3),(1)} \oplus 594V^{(3),(2)} \oplus 528V^{(3),(1,1)} \oplus 160V^{(3),(3)} \oplus 160V^{(3),(2,1)} \oplus 10V^{(3),(4)} \oplus 13V^{(3),(3,1)} \oplus 12V^{(3),(2,2)} \oplus 84V^{(2,1),\varnothing} \oplus 1360V^{(2,1),(1)} \oplus 738V^{(2,1),(2)} \oplus 606V^{(2,1),(1,1)} \oplus 220V^{(2,1),(3)} \oplus 220V^{(2,1),(2,1)} \oplus 19V^{(2,1),(4)} \oplus 25V^{(2,1),(3,1)} \oplus 23V^{(2,1),(2,2)} \oplus 84V^{(1,1,1),\varnothing} \oplus$

Table 156: Table for $\lambda = (3,1,1,1,1)$, $\mu = (4,2,1)$:

$k = 14: \quad 63V^{\varnothing,\varnothing}$
$k = 13: \quad 8685V^{\varnothing,\varnothing} \oplus 392V^{\varnothing,(1)} \oplus 736V^{(1),\varnothing}$
$k = 12: \quad 16168V^{\varnothing,\varnothing} \oplus 8538V^{\varnothing,(1)} \oplus 144V^{\varnothing,(2)} \oplus 142V^{\varnothing,(1,1)} \oplus 9852V^{(1),\varnothing} \oplus 1823V^{(1),(1)} \oplus 166V^{(2),\varnothing} \oplus 174V^{(1,1),\varnothing}$
$k = 11: \quad 16183V^{\varnothing,\varnothing} \oplus 14202V^{\varnothing,(1)} \oplus 3450V^{\varnothing,(2)} \oplus 3242V^{\varnothing,(1,1)} \oplus 45V^{\varnothing,(3)} \oplus 48V^{\varnothing,(2,1)} \oplus 36V^{\varnothing,(1,1,1)} \oplus 16836V^{(1),\varnothing} \oplus 13304V^{(1),(1)} \oplus 557V^{(1),(2)} \oplus 551V^{(1),(1,1)} \oplus 3270V^{(2),\varnothing} \oplus 617V^{(2),(1)} \oplus 3598V^{(1,1),\varnothing} \oplus 647V^{(1,1),(1)} \oplus 32V^{(3),\varnothing} \oplus 41V^{(2,1),\varnothing} \oplus 43V^{(1,1,1),\varnothing}$
$k = 10: \quad 11630V^{\varnothing,\varnothing} \oplus 12422V^{\varnothing,(1)} \oplus 5082V^{\varnothing,(2)} \oplus 4782V^{\varnothing,(1,1)} \oplus 1250V^{\varnothing,(3)} \oplus 1658V^{\varnothing,(2,1)} \oplus 782V^{\varnothing,(1,1,1)} \oplus 11V^{\varnothing,(4)} \oplus 15V^{\varnothing,(3,1)} \oplus 12V^{\varnothing,(2,2)} \oplus 12V^{\varnothing,(2,1,1)} \oplus 15998V^{(1),\varnothing} \oplus 21038V^{(1),(1)} \oplus 4984V^{(1),(2)} \oplus 4744V^{(1),(1,1)} \oplus 149V^{(1),(3)} \oplus 157V^{(1),(2,1)} \oplus 123V^{(1),(1,1,1)} \oplus 5266V^{(2),\varnothing} \oplus 4264V^{(2),(1)} \oplus 333V^{(2),(2)} \oplus 329V^{(2),(1,1)} \oplus 5674V^{(1,1),\varnothing} \oplus 4696V^{(1,1),(1)} \oplus 365V^{(1,1),(2)} \oplus 359V^{(1,1),(1,1)} \oplus 818V^{(3),\varnothing} \oplus 129V^{(3),(1)} \oplus 1286V^{(2,1),\varnothing} \oplus 161V^{(2,1),(1)} \oplus 1390V^{(1,1,1),\varnothing} \oplus 167V^{(1,1,1),(1)} \oplus 9V^{(3,1),\varnothing} \oplus 12V^{(2,1,1),\varnothing} \oplus 12V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 5085V^{\varnothing,\varnothing} \oplus 7425V^{\varnothing,(1)} \oplus 3560V^{\varnothing,(2)} \oplus 3400V^{\varnothing,(1,1)} \oplus 1470V^{\varnothing,(3)} \oplus 2020V^{\varnothing,(2,1)} \oplus 920V^{\varnothing,(1,1,1)} \oplus 316V^{\varnothing,(4)} \oplus 672V^{\varnothing,(3,1)} \oplus 468V^{\varnothing,(2,2)} \oplus 468V^{\varnothing,(2,1,1)} \oplus 4V^{\varnothing,(4,1)} \oplus 4V^{\varnothing,(3,2)} \oplus 4V^{\varnothing,(3,1,1)} \oplus 3V^{\varnothing,(2,2,1)} \oplus 11665V^{(1),\varnothing} \oplus 18260V^{(1),(1)} \oplus 7278V^{(1),(2)} \oplus 6954V^{(1),(1,1)} \oplus 1752V^{(1),(3)} \oplus 2080V^{(1),(2,1)} \oplus 1352V^{(1),(1,1,1)} \oplus 33V^{(1),(4)} \oplus 43V^{(1),(3,1)} \oplus 35V^{(1),(2,2)} \oplus 35V^{(1),(2,1,1)} \oplus 4360V^{(2),\varnothing} \oplus 6486V^{(2),(1)} \oplus 1668V^{(2),(2)} \oplus 1604V^{(2),(1,1)} \oplus 101V^{(2),(3)} \oplus 107V^{(2),(2,1)} \oplus 83V^{(2),(1,1,1)} \oplus 4520V^{(1,1),\varnothing} \oplus 6954V^{(1,1),(1)} \oplus 1892V^{(1,1),(2)} \oplus 1796V^{(1,1),(1,1)} \oplus 125V^{(1,1),(3)} \oplus 133V^{(1,1),(2,1)} \oplus 99V^{(1,1),(1,1,1)} \oplus 1180V^{(3),\varnothing} \oplus 1184V^{(3),(1)} \oplus 107V^{(3),(2)} \oplus 105V^{(3),(1,1)} \oplus 1730V^{(2,1),\varnothing} \oplus 1608V^{(2,1),(1)} \oplus 141V^{(2,1),(2)} \oplus 137V^{(2,1),(1,1)} \oplus 1830V^{(1,1,1),\varnothing} \oplus 1728V^{(1,1,1),(1)} \oplus 149V^{(1,1,1),(2)} \oplus 143V^{(1,1,1),(1,1)} \oplus 344V^{(3,1),\varnothing} \oplus 33V^{(3,1),(1)} \oplus 548V^{(2,1,1),\varnothing} \oplus 41V^{(2,1,1),(1)} \oplus 548V^{(1,1,1,1),\varnothing} \oplus 41V^{(1,1,1,1),(1)} \oplus 3V^{(3,1,1),\varnothing} \oplus 4V^{(2,1,1,1),\varnothing} \oplus 3V^{(1,1,1,1,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 2430V^{\varnothing,(1)} \oplus 1461V^{\varnothing,(2)} \oplus 1461V^{\varnothing,(1,1)} \oplus 760V^{\varnothing,(3)} \oplus 1020V^{\varnothing,(2,1)} \oplus 500V^{\varnothing,(1,1,1)} \oplus 240V^{\varnothing,(4)} \oplus 540V^{\varnothing,(3,1)} \oplus 390V^{\varnothing,(2,2)} \oplus 390V^{\varnothing,(2,1,1)} \oplus 182V^{\varnothing,(4,1)} \oplus 182V^{\varnothing,(3,2)} \oplus 182V^{\varnothing,(3,1,1)} \oplus 106V^{\varnothing,(2,2,1)} \oplus V^{\varnothing,(4,2)} \oplus V^{\varnothing,(4,1,1)} \oplus V^{\varnothing,(3,2,1)} \oplus 5640V^{(1),\varnothing} \oplus 12068V^{(1),(1)} \oplus 5424V^{(1),(2)} \oplus 5280V^{(1),(1,1)} \oplus 2274V^{(1),(3)} \oplus 2682V^{(1),(2,1)} \oplus 1866V^{(1),(1,1,1)} \oplus 528V^{(1),(4)} \oplus 796V^{(1),(3,1)} \oplus 632V^{(1),(2,2)} \oplus 632V^{(1),(2,1,1)} \oplus 11V^{(1),(4,1)} \oplus 11V^{(1),(3,2)} \oplus 11V^{(1),(3,1,1)} \oplus 9V^{(1),(2,2,1)} \oplus 2511V^{(2),\varnothing} \oplus 5136V^{(2),(1)} \oplus 2282V^{(2),(2)} \oplus 2210V^{(2),(1,1)} \oplus 588V^{(2),(3)} \oplus 700V^{(2),(2,1)} \oplus 452V^{(2),(1,1,1)} \oplus 23V^{(2),(4)} \oplus 31V^{(2),(3,1)} \oplus 25V^{(2),(2,2)} \oplus 25V^{(2),(2,1,1)} \oplus 2511V^{(1,1),\varnothing} \oplus 5280V^{(1,1),(1)} \oplus 2474V^{(1,1),(2)} \oplus 2366V^{(1,1),(1,1)} \oplus 672V^{(1,1),(3)} \oplus 800V^{(1,1),(2,1)} \oplus 508V^{(1,1),(1,1,1)} \oplus 33V^{(1,1),(4)} \oplus 43V^{(1,1),(3,1)} \oplus 35V^{(1,1),(2,2)} \oplus 35V^{(1,1),(2,1,1)} \oplus 820V^{(3),\varnothing} \oplus 1758V^{(3),(1)} \oplus 452V^{(3),(2)} \oplus 436V^{(3),(1,1)} \oplus 51V^{(3),(3)} \oplus 54V^{(3),(2,1)} \oplus 42V^{(3),(1,1,1)} \oplus 1080V^{(2,1),\varnothing} \oplus 2166V^{(2,1),(1)} \oplus 644V^{(2,1),(2)} \oplus 612V^{(2,1),(1,1)} \oplus 77V^{(2,1),(3)} \oplus 83V^{(2,1),(2,1)} \oplus 59V^{(2,1),(1,1,1)} \oplus 1080V^{(1,1,1),\varnothing} \oplus 2274V^{(1,1,1),(1)} \oplus 708V^{(1,1,1),(2)} \oplus 660V^{(1,1,1),(1,1)} \oplus 83V^{(1,1,1),(3)} \oplus 91V^{(1,1,1),(2,1)} \oplus 63V^{(1,1,1),(1,1,1)} \oplus 360V^{(3,1),\varnothing} \oplus 468V^{(3,1),(1)} \oplus 35V^{(3,1),(2)} \oplus 33V^{(3,1),(1,1)} \oplus 510V^{(2,1,1),\varnothing} \oplus 632V^{(2,1,1),(1)} \oplus 45V^{(2,1,1),(2)} \oplus 41V^{(2,1,1),(1,1)} \oplus 510V^{(1,1,1,1),\varnothing} \oplus 632V^{(1,1,1,1),(1)} \oplus 45V^{(1,1,1,1),(2)} \oplus 41V^{(1,1,1,1),(1,1)} \oplus 146V^{(3,1,1),\varnothing} \oplus 9V^{(3,1,1),(1)} \oplus 222V^{(2,1,1,1),\varnothing} \oplus 11V^{(2,1,1,1),(1)} \oplus 146V^{(1,1,1,1,1),\varnothing} \oplus 9V^{(1,1,1,1,1),(1)} \oplus V^{(3,1,1,1),\varnothing} \oplus V^{(2,1,1,1,1),\varnothing}$
$k = 7: \quad 225V^{\varnothing,(1)} \oplus 165V^{\varnothing,(2)} \oplus 165V^{\varnothing,(1,1)} \oplus 105V^{\varnothing,(3)} \oplus 105V^{\varnothing,(2,1)} \oplus 105V^{\varnothing,(1,1,1)} \oplus 60V^{\varnothing,(4)} \oplus 60V^{\varnothing,(3,1)} \oplus 60V^{\varnothing,(2,2)} \oplus 60V^{\varnothing,(2,1,1)} \oplus 30V^{\varnothing,(4,1)} \oplus 30V^{\varnothing,(3,2)} \oplus 30V^{\varnothing,(3,1,1)} \oplus 30V^{\varnothing,(2,2,1)} \oplus 15V^{\varnothing,(4,2)} \oplus 15V^{\varnothing,(4,1,1)} \oplus 15V^{\varnothing,(3,2,1)} \oplus 1225V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1360V^{(1),(3)} \oplus 1520V^{(1),(2,1)} \oplus 1200V^{(1),(1,1,1)} \oplus 550V^{(1),(4)} \oplus 750V^{(1),(3,1)} \oplus 650V^{(1),(2,2)} \oplus 650V^{(1),(2,1,1)} \oplus 256V^{(1),(4,1)} \oplus 256V^{(1),(3,2)} \oplus 256V^{(1),(3,1,1)} \oplus 204V^{(1),(2,2,1)} \oplus 3V^{(1),(4,2)} \oplus 3V^{(1),(4,1,1)} \oplus 3V^{(1),(3,2,1)} \oplus 700V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus$

Table 157: Table for $\lambda = (3,1,1,1,1)$, $\mu = (4,1,1,1)$:

$k = 14: \quad 180V^{\varnothing,\varnothing}$
$k = 13: \quad 8640V^{\varnothing,\varnothing} \oplus 320V^{\varnothing,(1)} \oplus 422V^{(1),\varnothing}$
$k = 12: \quad 15768V^{\varnothing,\varnothing} \oplus 8280V^{\varnothing,(1)} \oplus 117V^{\varnothing,(2)} \oplus 117V^{\varnothing,(1,1)} \oplus 8504V^{(1),\varnothing} \oplus 1511V^{(1),(1)} \oplus 126V^{(2),\varnothing} \oplus 134V^{(1,1),\varnothing}$
$k = 11: \quad 15514V^{\varnothing,\varnothing} \oplus 14088V^{\varnothing,(1)} \oplus 3046V^{\varnothing,(2)} \oplus 3046V^{\varnothing,(1,1)} \oplus 37V^{\varnothing,(3)} \oplus 39V^{\varnothing,(2,1)} \oplus 37V^{\varnothing,(1,1,1)} \oplus 14532V^{(1),\varnothing} \oplus 12776V^{(1),(1)} \oplus 461V^{(1),(2)} \oplus 461V^{(1),(1,1)} \oplus 2856V^{(2),\varnothing} \oplus 449V^{(2),(1)} \oplus 3184V^{(1,1),\varnothing} \oplus 479V^{(1,1),(1)} \oplus 29V^{(3),\varnothing} \oplus 38V^{(2,1),\varnothing} \oplus 40V^{(1,1,1),\varnothing}$
$k = 10: \quad 11480V^{\varnothing,\varnothing} \oplus 12422V^{\varnothing,(1)} \oplus 4674V^{\varnothing,(2)} \oplus 4674V^{\varnothing,(1,1)} \oplus 1086V^{\varnothing,(3)} \oplus 1190V^{\varnothing,(2,1)} \oplus 1086V^{\varnothing,(1,1,1)} \oplus 9V^{\varnothing,(4)} \oplus 12V^{\varnothing,(3,1)} \oplus 12V^{\varnothing,(2,1,1)} \oplus 9V^{\varnothing,(1,1,1,1)} \oplus 13208V^{(1),\varnothing} \oplus 20894V^{(1),(1)} \oplus 4456V^{(1),(2)} \oplus 4456V^{(1),(1,1)} \oplus 125V^{(1),(3)} \oplus 131V^{(1),(2,1)} \oplus 125V^{(1),(1,1,1)} \oplus 4516V^{(2),\varnothing} \oplus 4168V^{(2),(1)} \oplus 269V^{(2),(2)} \oplus 269V^{(2),(1,1)} \oplus 4924V^{(1,1),\varnothing} \oplus 4600V^{(1,1),(1)} \oplus 293V^{(1,1),(2)} \oplus 293V^{(1,1),(1,1)} \oplus 668V^{(3),\varnothing} \oplus 105V^{(3),(1)} \oplus 1136V^{(2,1),\varnothing} \oplus 137V^{(2,1),(1)} \oplus 1240V^{(1,1,1),\varnothing} \oplus 143V^{(1,1,1),(1)} \oplus 9V^{(3,1),\varnothing} \oplus 12V^{(2,1,1),\varnothing} \oplus 12V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 5160V^{\varnothing,\varnothing} \oplus 7425V^{\varnothing,(1)} \oplus 3400V^{\varnothing,(2)} \oplus 3400V^{\varnothing,(1,1)} \oplus 1370V^{\varnothing,(3)} \oplus 1470V^{\varnothing,(2,1)} \oplus 1370V^{\varnothing,(1,1,1)} \oplus 264V^{\varnothing,(4)} \oplus 468V^{\varnothing,(3,1)} \oplus 468V^{\varnothing,(2,1,1)} \oplus 264V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(4,1)} \oplus 4V^{\varnothing,(3,1,1)} \oplus 3V^{\varnothing,(2,1,1,1)} \oplus 8600V^{(1),\varnothing} \oplus 18260V^{(1),(1)} \oplus 6846V^{(1),(2)} \oplus 6846V^{(1),(1,1)} \oplus 1560V^{(1),(3)} \oplus 1680V^{(1),(2,1)} \oplus 1560V^{(1),(1,1,1)} \oplus 27V^{(1),(4)} \oplus 35V^{(1),(3,1)} \oplus 35V^{(1),(2,1,1)} \oplus 27V^{(1),(1,1,1,1)} \oplus 3520V^{(2),\varnothing} \oplus 6486V^{(2),(1)} \oplus 1508V^{(2),(2)} \oplus 1508V^{(2),(1,1)} \oplus 85V^{(2),(3)} \oplus 89V^{(2),(2,1)} \oplus 85V^{(2),(1,1,1)} \oplus 3680V^{(1,1),\varnothing} \oplus 6954V^{(1,1),(1)} \oplus 1676V^{(1,1),(2)} \oplus 1676V^{(1,1),(1,1)} \oplus 101V^{(1,1),(3)} \oplus 107V^{(1,1),(2,1)} \oplus 101V^{(1,1),(1,1,1)} \oplus 910V^{(3),\varnothing} \oplus 1184V^{(3),(1)} \oplus 75V^{(3),(2)} \oplus 75V^{(3),(1,1)} \oplus 1460V^{(2,1),\varnothing} \oplus 1608V^{(2,1),(1)} \oplus 101V^{(2,1),(2)} \oplus 101V^{(2,1),(1,1)} \oplus 1560V^{(1,1,1),\varnothing} \oplus 1728V^{(1,1,1),(1)} \oplus 107V^{(1,1,1),(2)} \oplus 107V^{(1,1,1),(1,1)} \oplus 284V^{(3,1),\varnothing} \oplus 33V^{(3,1),(1)} \oplus 488V^{(2,1,1),\varnothing} \oplus 41V^{(2,1,1),(1)} \oplus 488V^{(1,1,1,1),\varnothing} \oplus 41V^{(1,1,1,1),(1)} \oplus 3V^{(3,1,1),\varnothing} \oplus 4V^{(2,1,1,1),\varnothing} \oplus 3V^{(1,1,1,1,1),\varnothing}$
$k = 8: \quad 1020V^{\varnothing,\varnothing} \oplus 2430V^{\varnothing,(1)} \oplus 1461V^{\varnothing,(2)} \oplus 1461V^{\varnothing,(1,1)} \oplus 760V^{\varnothing,(3)} \oplus 760V^{\varnothing,(2,1)} \oplus 760V^{\varnothing,(1,1,1)} \oplus 240V^{\varnothing,(4)} \oplus 390V^{\varnothing,(3,1)} \oplus 390V^{\varnothing,(2,1,1)} \oplus 240V^{\varnothing,(1,1,1,1)} \oplus 106V^{\varnothing,(4,1)} \oplus 182V^{\varnothing,(3,1,1)} \oplus 106V^{\varnothing,(2,1,1,1)} \oplus V^{\varnothing,(4,1,1)} \oplus V^{\varnothing,(3,1,1,1)} \oplus 3120V^{(1),\varnothing} \oplus 12068V^{(1),(1)} \oplus 5280V^{(1),(2)} \oplus 5280V^{(1),(1,1)} \oplus 2166V^{(1),(3)} \oplus 2274V^{(1),(2,1)} \oplus 2166V^{(1),(1,1,1)} \oplus 468V^{(1),(4)} \oplus 632V^{(1),(3,1)} \oplus 632V^{(1),(2,1,1)} \oplus 468V^{(1),(1,1,1,1)} \oplus 9V^{(1),(4,1)} \oplus 11V^{(1),(3,1,1)} \oplus 9V^{(1),(2,1,1,1)} \oplus 1736V^{(2),\varnothing} \oplus 5136V^{(2),(1)} \oplus 2186V^{(2),(2)} \oplus 2186V^{(2),(1,1)} \oplus 532V^{(2),(3)} \oplus 564V^{(2),(2,1)} \oplus 532V^{(2),(1,1,1)} \oplus 19V^{(2),(4)} \oplus 25V^{(2),(3,1)} \oplus 25V^{(2),(2,1,1)} \oplus 19V^{(2),(1,1,1,1)} \oplus 1736V^{(1,1),\varnothing} \oplus 5280V^{(1,1),(1)} \oplus 2330V^{(1,1),(2)} \oplus 2330V^{(1,1),(1,1)} \oplus 588V^{(1,1),(3)} \oplus 636V^{(1,1),(2,1)} \oplus 588V^{(1,1),(1,1,1)} \oplus 27V^{(1,1),(4)} \oplus 35V^{(1,1),(3,1)} \oplus 35V^{(1,1),(2,1,1)} \oplus 27V^{(1,1),(1,1,1,1)} \oplus 580V^{(3),\varnothing} \oplus 1758V^{(3),(1)} \oplus 424V^{(3),(2)} \oplus 424V^{(3),(1,1)} \oplus 43V^{(3),(3)} \oplus 45V^{(3),(2,1)} \oplus 43V^{(3),(1,1,1)} \oplus 840V^{(2,1),\varnothing} \oplus 2166V^{(2,1),(1)} \oplus 588V^{(2,1),(2)} \oplus 588V^{(2,1),(1,1)} \oplus 61V^{(2,1),(3)} \oplus 65V^{(2,1),(2,1)} \oplus 61V^{(2,1),(1,1,1)} \oplus 840V^{(1,1,1),\varnothing} \oplus 2274V^{(1,1,1),(1)} \oplus 636V^{(1,1,1),(2)} \oplus 636V^{(1,1,1),(1,1)} \oplus 65V^{(1,1,1),(3)} \oplus 71V^{(1,1,1),(2,1)} \oplus 65V^{(1,1,1),(1,1,1)} \oplus 270V^{(3,1),\varnothing} \oplus 468V^{(3,1),(1)} \oplus 27V^{(3,1),(2)} \oplus 27V^{(3,1),(1,1)} \oplus 420V^{(2,1,1),\varnothing} \oplus 632V^{(2,1,1),(1)} \oplus 35V^{(2,1,1),(2)} \oplus 35V^{(2,1,1),(1,1)} \oplus 420V^{(1,1,1,1),\varnothing} \oplus 632V^{(1,1,1,1),(1)} \oplus 35V^{(1,1,1,1),(2)} \oplus 35V^{(1,1,1,1),(1,1)} \oplus 116V^{(3,1,1),\varnothing} \oplus 9V^{(3,1,1),(1)} \oplus 192V^{(2,1,1,1),\varnothing} \oplus 11V^{(2,1,1,1),(1)} \oplus 116V^{(1,1,1,1,1),\varnothing} \oplus 9V^{(1,1,1,1,1),(1)} \oplus V^{(3,1,1,1),\varnothing} \oplus V^{(2,1,1,1,1),\varnothing}$
$k = 7: \quad 225V^{\varnothing,(1)} \oplus 165V^{\varnothing,(2)} \oplus 165V^{\varnothing,(1,1)} \oplus 105V^{\varnothing,(3)} \oplus 105V^{\varnothing,(2,1)} \oplus 105V^{\varnothing,(1,1,1)} \oplus 60V^{\varnothing,(4)} \oplus 60V^{\varnothing,(3,1)} \oplus 60V^{\varnothing,(2,1,1)} \oplus 60V^{\varnothing,(1,1,1,1)} \oplus 30V^{\varnothing,(4,1)} \oplus 30V^{\varnothing,(3,1,1)} \oplus 30V^{\varnothing,(2,1,1,1)} \oplus 15V^{\varnothing,(4,1,1)} \oplus 15V^{\varnothing,(3,1,1,1)} \oplus 7400V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1360V^{(1),(3)} \oplus 1360V^{(1),(2,1)} \oplus 1360V^{(1),(1,1,1)} \oplus 550V^{(1),(4)} \oplus 650V^{(1),(3,1)} \oplus 650V^{(1),(2,1,1)} \oplus 550V^{(1),(1,1,1,1)} \oplus 204V^{(1),(4,1)} \oplus 256V^{(1),(3,1,1)} \oplus 204V^{(1),(2,1,1,1)} \oplus 3V^{(1),(4,1,1)} \oplus 3V^{(1),(3,1,1,1)} \oplus 280V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1544V^{(2),(2)} \oplus$

Table 158: Table for $\lambda = (3,1,1,1,1)$, $\mu = (3,3,1)$:

$k = 14: \quad 63V^{\varnothing,\varnothing}$
$k = 13: \quad 8475V^{\varnothing,\varnothing} \oplus 314V^{\varnothing,(1)} \oplus 545V^{(1),\varnothing}$
$k = 12: \quad 15748V^{\varnothing,\varnothing} \oplus 8040V^{\varnothing,(1)} \oplus 117V^{\varnothing,(2)} \oplus 117V^{\varnothing,(1,1)} \oplus 8700V^{(1),\varnothing} \oplus 1493V^{(1),(1)} \oplus 148V^{(2),\varnothing} \oplus 156V^{(1,1),\varnothing}$
$k = 11: \quad 15553V^{\varnothing,\varnothing} \oplus 13764V^{\varnothing,(1)} \oplus 3046V^{\varnothing,(2)} \oplus 3046V^{\varnothing,(1,1)} \oplus 36V^{\varnothing,(3)} \oplus 40V^{\varnothing,(2,1)} \oplus 30V^{\varnothing,(1,1,1)} \oplus 14718V^{(1),\varnothing} \oplus 12488V^{(1),(1)} \oplus 461V^{(1),(2)} \oplus 461V^{(1),(1,1)} \oplus 2898V^{(2),\varnothing} \oplus 437V^{(2),(1)} \oplus 3226V^{(1,1),\varnothing} \oplus 461V^{(1,1),(1)} \oplus 31V^{(3),\varnothing} \oplus 40V^{(2,1),\varnothing} \oplus 42V^{(1,1,1),\varnothing}$
$k = 10: \quad 11210V^{\varnothing,\varnothing} \oplus 12278V^{\varnothing,(1)} \oplus 4674V^{\varnothing,(2)} \oplus 4674V^{\varnothing,(1,1)} \oplus 782V^{\varnothing,(3)} \oplus 1494V^{\varnothing,(2,1)} \oplus 722V^{\varnothing,(1,1,1)} \oplus 12V^{\varnothing,(3,1)} \oplus 12V^{\varnothing,(2,2)} \oplus 10V^{\varnothing,(2,1,1)} \oplus 13394V^{(1),\varnothing} \oplus 20570V^{(1),(1)} \oplus 4456V^{(1),(2)} \oplus 4456V^{(1),(1,1)} \oplus 123V^{(1),(3)} \oplus 133V^{(1),(2,1)} \oplus 105V^{(1),(1,1,1)} \oplus 4566V^{(2),\varnothing} \oplus 4072V^{(2),(1)} \oplus 269V^{(2),(2)} \oplus 269V^{(2),(1,1)} \oplus 4974V^{(1,1),\varnothing} \oplus 4456V^{(1,1),(1)} \oplus 293V^{(1,1),(2)} \oplus 293V^{(1,1),(1,1)} \oplus 678V^{(3),\varnothing} \oplus 99V^{(3),(1)} \oplus 1146V^{(2,1),\varnothing} \oplus 125V^{(2,1),(1)} \oplus 1250V^{(1,1,1),\varnothing} \oplus 131V^{(1,1,1),(1)} \oplus 9V^{(3,1),\varnothing} \oplus 12V^{(2,1,1),\varnothing} \oplus 12V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 4875V^{\varnothing,\varnothing} \oplus 7425V^{\varnothing,(1)} \oplus 3400V^{\varnothing,(2)} \oplus 3400V^{\varnothing,(1,1)} \oplus 920V^{\varnothing,(3)} \oplus 1920V^{\varnothing,(2,1)} \oplus 920V^{\varnothing,(1,1,1)} \oplus 468V^{\varnothing,(3,1)} \oplus 468V^{\varnothing,(2,2)} \oplus 416V^{\varnothing,(2,1,1)} \oplus 4V^{\varnothing,(3,2)} \oplus 3V^{\varnothing,(3,1,1)} \oplus 3V^{\varnothing,(2,2,1)} \oplus 8634V^{(1),\varnothing} \oplus 18152V^{(1),(1)} \oplus 6846V^{(1),(2)} \oplus 6846V^{(1),(1,1)} \oplus 1352V^{(1),(3)} \oplus 1888V^{(1),(2,1)} \oplus 1280V^{(1),(1,1,1)} \oplus 35V^{(1),(3,1)} \oplus 35V^{(1),(2,2)} \oplus 29V^{(1),(2,1,1)} \oplus 3576V^{(2),\varnothing} \oplus 6414V^{(2),(1)} \oplus 1508V^{(2),(2)} \oplus 1508V^{(2),(1,1)} \oplus 83V^{(2),(3)} \oplus 91V^{(2),(2,1)} \oplus 71V^{(2),(1,1,1)} \oplus 3736V^{(1,1),\varnothing} \oplus 6846V^{(1,1),(1)} \oplus 1676V^{(1,1),(2)} \oplus 1676V^{(1,1),(1,1)} \oplus 99V^{(1,1),(3)} \oplus 109V^{(1,1),(2,1)} \oplus 81V^{(1,1),(1,1,1)} \oplus 928V^{(3),\varnothing} \oplus 1160V^{(3),(1)} \oplus 75V^{(3),(2)} \oplus 75V^{(3),(1,1)} \oplus 1478V^{(2,1),\varnothing} \oplus 1560V^{(2,1),(1)} \oplus 101V^{(2,1),(2)} \oplus 101V^{(2,1),(1,1)} \oplus 1578V^{(1,1,1),\varnothing} \oplus 1680V^{(1,1,1),(1)} \oplus 107V^{(1,1,1),(2)} \oplus 107V^{(1,1,1),(1,1)} \oplus 288V^{(3,1),\varnothing} \oplus 27V^{(3,1),(1)} \oplus 492V^{(2,1,1),\varnothing} \oplus 35V^{(2,1,1),(1)} \oplus 492V^{(1,1,1,1),\varnothing} \oplus 35V^{(1,1,1,1),(1)} \oplus 3V^{(3,1,1),\varnothing} \oplus 4V^{(2,1,1,1),\varnothing} \oplus 3V^{(1,1,1,1,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 2430V^{\varnothing,(1)} \oplus 1461V^{\varnothing,(2)} \oplus 1461V^{\varnothing,(1,1)} \oplus 500V^{\varnothing,(3)} \oplus 1020V^{\varnothing,(2,1)} \oplus 500V^{\varnothing,(1,1,1)} \oplus 390V^{\varnothing,(3,1)} \oplus 390V^{\varnothing,(2,2)} \oplus 390V^{\varnothing,(2,1,1)} \oplus 182V^{\varnothing,(3,2)} \oplus 106V^{\varnothing,(3,1,1)} \oplus 106V^{\varnothing,(2,2,1)} \oplus V^{\varnothing,(3,3)} \oplus V^{\varnothing,(3,2,1)} \oplus 3456V^{(1),\varnothing} \oplus 12068V^{(1),(1)} \oplus 5280V^{(1),(2)} \oplus 5280V^{(1),(1,1)} \oplus 1866V^{(1),(3)} \oplus 2574V^{(1),(2,1)} \oplus 1866V^{(1),(1,1,1)} \oplus 632V^{(1),(3,1)} \oplus 632V^{(1),(2,2)} \oplus 572V^{(1),(2,1,1)} \oplus 11V^{(1),(3,2)} \oplus 9V^{(1),(3,1,1)} \oplus 9V^{(1),(2,2,1)} \oplus 1776V^{(2),\varnothing} \oplus 5136V^{(2),(1)} \oplus 2186V^{(2),(2)} \oplus 2186V^{(2),(1,1)} \oplus 452V^{(2),(3)} \oplus 644V^{(2),(2,1)} \oplus 428V^{(2),(1,1,1)} \oplus 25V^{(2),(3,1)} \oplus 25V^{(2),(2,2)} \oplus 21V^{(2),(2,1,1)} \oplus 1776V^{(1,1),\varnothing} \oplus 5280V^{(1,1),(1)} \oplus 2330V^{(1,1),(2)} \oplus 2330V^{(1,1),(1,1)} \oplus 508V^{(1,1),(3)} \oplus 716V^{(1,1),(2,1)} \oplus 472V^{(1,1),(1,1,1)} \oplus 35V^{(1,1),(3,1)} \oplus 35V^{(1,1),(2,2)} \oplus 29V^{(1,1),(2,1,1)} \oplus 596V^{(3),\varnothing} \oplus 1758V^{(3),(1)} \oplus 424V^{(3),(2)} \oplus 424V^{(3),(1,1)} \oplus 42V^{(3),(3)} \oplus 46V^{(3),(2,1)} \oplus 36V^{(3),(1,1,1)} \oplus 856V^{(2,1),\varnothing} \oplus 2166V^{(2,1),(1)} \oplus 588V^{(2,1),(2)} \oplus 588V^{(2,1),(1,1)} \oplus 59V^{(2,1),(3)} \oplus 67V^{(2,1),(2,1)} \oplus 47V^{(2,1),(1,1,1)} \oplus 856V^{(1,1,1),\varnothing} \oplus 2274V^{(1,1,1),(1)} \oplus 636V^{(1,1,1),(2)} \oplus 636V^{(1,1,1),(1,1)} \oplus 63V^{(1,1,1),(3)} \oplus 73V^{(1,1,1),(2,1)} \oplus 51V^{(1,1,1),(1,1,1)} \oplus 276V^{(3,1),\varnothing} \oplus 468V^{(3,1),(1)} \oplus 27V^{(3,1),(2)} \oplus 27V^{(3,1),(1,1)} \oplus 426V^{(2,1,1),\varnothing} \oplus 632V^{(2,1,1),(1)} \oplus 35V^{(2,1,1),(2)} \oplus 35V^{(2,1,1),(1,1)} \oplus 426V^{(1,1,1,1),\varnothing} \oplus 632V^{(1,1,1,1),(1)} \oplus 35V^{(1,1,1,1),(2)} \oplus 35V^{(1,1,1,1),(1,1)} \oplus 118V^{(3,1,1),\varnothing} \oplus 9V^{(3,1,1),(1)} \oplus 194V^{(2,1,1,1),\varnothing} \oplus 11V^{(2,1,1,1),(1)} \oplus 118V^{(1,1,1,1,1),\varnothing} \oplus 9V^{(1,1,1,1,1),(1)} \oplus V^{(3,1,1,1),\varnothing} \oplus V^{(2,1,1,1,1),\varnothing}$
$k = 7: \quad 225V^{\varnothing,(1)} \oplus 165V^{\varnothing,(2)} \oplus 165V^{\varnothing,(1,1)} \oplus 105V^{\varnothing,(3)} \oplus 105V^{\varnothing,(2,1)} \oplus 105V^{\varnothing,(1,1,1)} \oplus 60V^{\varnothing,(3,1)} \oplus 60V^{\varnothing,(2,2)} \oplus 60V^{\varnothing,(2,1,1)} \oplus 30V^{\varnothing,(3,2)} \oplus 30V^{\varnothing,(3,1,1)} \oplus 30V^{\varnothing,(2,2,1)} \oplus 15V^{\varnothing,(3,3)} \oplus 15V^{\varnothing,(3,2,1)} \oplus 441V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1200V^{(1),(3)} \oplus 1520V^{(1),(2,1)} \oplus 1200V^{(1),(1,1,1)} \oplus 650V^{(1),(3,1)} \oplus 650V^{(1),(2,2)} \oplus 650V^{(1),(2,1,1)} \oplus 256V^{(1),(3,2)} \oplus 204V^{(1),(3,1,1)} \oplus 204V^{(1),(2,2,1)} \oplus 3V^{(1),(3,3)} \oplus 3V^{(1),(3,2,1)} \oplus 336V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1544V^{(2),(2)} \oplus 1544V^{(2),(1,1)} \oplus 606V^{(2),(3)} \oplus 846V^{(2),(2,1)} \oplus 606V^{(2),(1,1,1)} \oplus 216V^{(2),(3,1)} \oplus 216V^{(2),(2,2)} \oplus 200V^{(2),(2,1,1)} \oplus 9V^{(2),(3,2)} \oplus 7V^{(2),(3,1,1)} \oplus$

Table 159: Table for $\lambda = (3,1,1,1,1)$, $\mu = (3,2,2)$:

$k = 14: \quad 63V^{\varnothing,\varnothing}$
$k = 13: \quad 8475V^{\varnothing,\varnothing} \oplus 314V^{\varnothing,(1)} \oplus 545V^{(1),\varnothing}$
$k = 12: \quad 15748V^{\varnothing,\varnothing} \oplus 8040V^{\varnothing,(1)} \oplus 117V^{\varnothing,(2)} \oplus 117V^{\varnothing,(1,1)} \oplus 8700V^{(1),\varnothing} \oplus 1493V^{(1),(1)} \oplus 148V^{(2),\varnothing} \oplus 156V^{(1,1),\varnothing}$
$k = 11: \quad 15553V^{\varnothing,\varnothing} \oplus 13764V^{\varnothing,(1)} \oplus 3046V^{\varnothing,(2)} \oplus 3046V^{\varnothing,(1,1)} \oplus 30V^{\varnothing,(3)} \oplus 40V^{\varnothing,(2,1)} \oplus 36V^{\varnothing,(1,1,1)} \oplus 14718V^{(1),\varnothing} \oplus 12488V^{(1),(1)} \oplus 461V^{(1),(2)} \oplus 461V^{(1),(1,1)} \oplus 2898V^{(2),\varnothing} \oplus 437V^{(2),(1)} \oplus 3226V^{(1,1),\varnothing} \oplus 461V^{(1,1),(1)} \oplus 31V^{(3),\varnothing} \oplus 40V^{(2,1),\varnothing} \oplus 42V^{(1,1,1),\varnothing}$
$k = 10: \quad 11210V^{\varnothing,\varnothing} \oplus 12278V^{\varnothing,(1)} \oplus 4674V^{\varnothing,(2)} \oplus 4674V^{\varnothing,(1,1)} \oplus 722V^{\varnothing,(3)} \oplus 1494V^{\varnothing,(2,1)} \oplus 782V^{\varnothing,(1,1,1)} \oplus 10V^{\varnothing,(3,1)} \oplus 12V^{\varnothing,(2,2)} \oplus 12V^{\varnothing,(2,1,1)} \oplus 13394V^{(1),\varnothing} \oplus 20570V^{(1),(1)} \oplus 4456V^{(1),(2)} \oplus 4456V^{(1),(1,1)} \oplus 105V^{(1),(3)} \oplus 133V^{(1),(2,1)} \oplus 123V^{(1),(1,1,1)} \oplus 4566V^{(2),\varnothing} \oplus 4072V^{(2),(1)} \oplus 269V^{(2),(2)} \oplus 269V^{(2),(1,1)} \oplus 4974V^{(1,1),\varnothing} \oplus 4456V^{(1,1),(1)} \oplus 293V^{(1,1),(2)} \oplus 293V^{(1,1),(1,1)} \oplus 678V^{(3),\varnothing} \oplus 99V^{(3),(1)} \oplus 1146V^{(2,1),\varnothing} \oplus 125V^{(2,1),(1)} \oplus 1250V^{(1,1,1),\varnothing} \oplus 131V^{(1,1,1),(1)} \oplus 9V^{(3,1),\varnothing} \oplus 12V^{(2,1,1),\varnothing} \oplus 12V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 4875V^{\varnothing,\varnothing} \oplus 7425V^{\varnothing,(1)} \oplus 3400V^{\varnothing,(2)} \oplus 3400V^{\varnothing,(1,1)} \oplus 920V^{\varnothing,(3)} \oplus 1920V^{\varnothing,(2,1)} \oplus 920V^{\varnothing,(1,1,1)} \oplus 416V^{\varnothing,(3,1)} \oplus 468V^{\varnothing,(2,2)} \oplus 468V^{\varnothing,(2,1,1)} \oplus 3V^{\varnothing,(3,2)} \oplus 3V^{\varnothing,(3,1,1)} \oplus 4V^{\varnothing,(2,2,1)} \oplus 8634V^{(1),\varnothing} \oplus 18152V^{(1),(1)} \oplus 6846V^{(1),(2)} \oplus 6846V^{(1),(1,1)} \oplus 1280V^{(1),(3)} \oplus 1888V^{(1),(2,1)} \oplus 1352V^{(1),(1,1,1)} \oplus 29V^{(1),(3,1)} \oplus 35V^{(1),(2,2)} \oplus 35V^{(1),(2,1,1)} \oplus 3576V^{(2),\varnothing} \oplus 6414V^{(2),(1)} \oplus 1508V^{(2),(2)} \oplus 1508V^{(2),(1,1)} \oplus 71V^{(2),(3)} \oplus 91V^{(2),(2,1)} \oplus 83V^{(2),(1,1,1)} \oplus 3736V^{(1,1),\varnothing} \oplus 6846V^{(1,1),(1)} \oplus 1676V^{(1,1),(2)} \oplus 1676V^{(1,1),(1,1)} \oplus 81V^{(1,1),(3)} \oplus 109V^{(1,1),(2,1)} \oplus 99V^{(1,1),(1,1,1)} \oplus 928V^{(3),\varnothing} \oplus 1160V^{(3),(1)} \oplus 75V^{(3),(2)} \oplus 75V^{(3),(1,1)} \oplus 1478V^{(2,1),\varnothing} \oplus 1560V^{(2,1),(1)} \oplus 101V^{(2,1),(2)} \oplus 101V^{(2,1),(1,1)} \oplus 1578V^{(1,1,1),\varnothing} \oplus 1680V^{(1,1,1),(1)} \oplus 107V^{(1,1,1),(2)} \oplus 107V^{(1,1,1),(1,1)} \oplus 288V^{(3,1),\varnothing} \oplus 27V^{(3,1),(1)} \oplus 492V^{(2,1,1),\varnothing} \oplus 35V^{(2,1,1),(1)} \oplus 492V^{(1,1,1,1),\varnothing} \oplus 35V^{(1,1,1,1),(1)} \oplus 3V^{(3,1,1),\varnothing} \oplus 4V^{(2,1,1,1),\varnothing} \oplus 3V^{(1,1,1,1,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 2430V^{\varnothing,(1)} \oplus 1461V^{\varnothing,(2)} \oplus 1461V^{\varnothing,(1,1)} \oplus 500V^{\varnothing,(3)} \oplus 1020V^{\varnothing,(2,1)} \oplus 500V^{\varnothing,(1,1,1)} \oplus 390V^{\varnothing,(3,1)} \oplus 390V^{\varnothing,(2,2)} \oplus 390V^{\varnothing,(2,1,1)} \oplus 106V^{\varnothing,(3,2)} \oplus 106V^{\varnothing,(3,1,1)} \oplus 182V^{\varnothing,(2,2,1)} \oplus V^{\varnothing,(3,2,1)} \oplus V^{\varnothing,(2,2,2)} \oplus 3456V^{(1),\varnothing} \oplus 12068V^{(1),(1)} \oplus 5280V^{(1),(2)} \oplus 5280V^{(1),(1,1)} \oplus 1866V^{(1),(3)} \oplus 2574V^{(1),(2,1)} \oplus 1866V^{(1),(1,1,1)} \oplus 572V^{(1),(3,1)} \oplus 632V^{(1),(2,2)} \oplus 632V^{(1),(2,1,1)} \oplus 9V^{(1),(3,2)} \oplus 9V^{(1),(3,1,1)} \oplus 11V^{(1),(2,2,1)} \oplus 1776V^{(2),\varnothing} \oplus 5136V^{(2),(1)} \oplus 2186V^{(2),(2)} \oplus 2186V^{(2),(1,1)} \oplus 428V^{(2),(3)} \oplus 644V^{(2),(2,1)} \oplus 452V^{(2),(1,1,1)} \oplus 21V^{(2),(3,1)} \oplus 25V^{(2),(2,2)} \oplus 25V^{(2),(2,1,1)} \oplus 1776V^{(1,1),\varnothing} \oplus 5280V^{(1,1),(1)} \oplus 2330V^{(1,1),(2)} \oplus 2330V^{(1,1),(1,1)} \oplus 472V^{(1,1),(3)} \oplus 716V^{(1,1),(2,1)} \oplus 508V^{(1,1),(1,1,1)} \oplus 29V^{(1,1),(3,1)} \oplus 35V^{(1,1),(2,2)} \oplus 35V^{(1,1),(2,1,1)} \oplus 596V^{(3),\varnothing} \oplus 1758V^{(3),(1)} \oplus 424V^{(3),(2)} \oplus 424V^{(3),(1,1)} \oplus 36V^{(3),(3)} \oplus 46V^{(3),(2,1)} \oplus 42V^{(3),(1,1,1)} \oplus 856V^{(2,1),\varnothing} \oplus 2166V^{(2,1),(1)} \oplus 588V^{(2,1),(2)} \oplus 588V^{(2,1),(1,1)} \oplus 47V^{(2,1),(3)} \oplus 67V^{(2,1),(2,1)} \oplus 59V^{(2,1),(1,1,1)} \oplus 856V^{(1,1,1),\varnothing} \oplus 2274V^{(1,1,1),(1)} \oplus 636V^{(1,1,1),(2)} \oplus 636V^{(1,1,1),(1,1)} \oplus 51V^{(1,1,1),(3)} \oplus 73V^{(1,1,1),(2,1)} \oplus 63V^{(1,1,1),(1,1,1)} \oplus 276V^{(3,1),\varnothing} \oplus 468V^{(3,1),(1)} \oplus 27V^{(3,1),(2)} \oplus 27V^{(3,1),(1,1)} \oplus 426V^{(2,1,1),\varnothing} \oplus 632V^{(2,1,1),(1)} \oplus 35V^{(2,1,1),(2)} \oplus 35V^{(2,1,1),(1,1)} \oplus 426V^{(1,1,1,1),\varnothing} \oplus 632V^{(1,1,1,1),(1)} \oplus 35V^{(1,1,1,1),(2)} \oplus 35V^{(1,1,1,1),(1,1)} \oplus 118V^{(3,1,1),\varnothing} \oplus 9V^{(3,1,1),(1)} \oplus 194V^{(2,1,1,1),\varnothing} \oplus 11V^{(2,1,1,1),(1)} \oplus 118V^{(1,1,1,1,1),\varnothing} \oplus 9V^{(1,1,1,1,1),(1)} \oplus V^{(3,1,1,1),\varnothing} \oplus V^{(2,1,1,1,1),\varnothing}$
$k = 7: \quad 225V^{\varnothing,(1)} \oplus 165V^{\varnothing,(2)} \oplus 165V^{\varnothing,(1,1)} \oplus 105V^{\varnothing,(3)} \oplus 105V^{\varnothing,(2,1)} \oplus 105V^{\varnothing,(1,1,1)} \oplus 60V^{\varnothing,(3,1)} \oplus 60V^{\varnothing,(2,2)} \oplus 60V^{\varnothing,(2,1,1)} \oplus 30V^{\varnothing,(3,2)} \oplus 30V^{\varnothing,(3,1,1)} \oplus 30V^{\varnothing,(2,2,1)} \oplus 15V^{\varnothing,(3,2,1)} \oplus 15V^{\varnothing,(2,2,2)} \oplus 441V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1200V^{(1),(3)} \oplus 1520V^{(1),(2,1)} \oplus 1200V^{(1),(1,1,1)} \oplus 650V^{(1),(3,1)} \oplus 650V^{(1),(2,2)} \oplus 650V^{(1),(2,1,1)} \oplus 204V^{(1),(3,2)} \oplus 204V^{(1),(3,1,1)} \oplus 256V^{(1),(2,2,1)} \oplus 3V^{(1),(3,2,1)} \oplus 3V^{(1),(2,2,2)} \oplus 336V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1544V^{(2),(2)} \oplus 1544V^{(2),(1,1)} \oplus 606V^{(2),(3)} \oplus 846V^{(2),(2,1)} \oplus 606V^{(2),(1,1,1)} \oplus 200V^{(2),(3,1)} \oplus 216V^{(2),(2,2)} \oplus 216V^{(2),(2,1,1)} \oplus 7V^{(2),(3,2)} \oplus 7V^{(2),(3,1,1)} \oplus$

Table 160: Table for $\lambda = (3,1,1,1,1)$, $\mu = (3,2,1,1)$:

$k = 14: \quad 180V^{\varnothing,\varnothing}$
$k = 13: \quad 8865V^{\varnothing,\varnothing} \oplus 392V^{\varnothing,(1)} \oplus 736V^{(1),\varnothing}$
$k = 12: \quad 16218V^{\varnothing,\varnothing} \oplus 8538V^{\varnothing,(1)} \oplus 142V^{\varnothing,(2)} \oplus 144V^{\varnothing,(1,1)} \oplus 9852V^{(1),\varnothing} \oplus 1823V^{(1),(1)} \oplus 166V^{(2),\varnothing} \oplus 174V^{(1,1),\varnothing}$
$k = 11: \quad 16189V^{\varnothing,\varnothing} \oplus 14202V^{\varnothing,(1)} \oplus 3242V^{\varnothing,(2)} \oplus 3450V^{\varnothing,(1,1)} \oplus 36V^{\varnothing,(3)} \oplus 48V^{\varnothing,(2,1)} \oplus 45V^{\varnothing,(1,1,1)} \oplus 16836V^{(1),\varnothing} \oplus 13304V^{(1),(1)} \oplus 551V^{(1),(2)} \oplus 557V^{(1),(1,1)} \oplus 3270V^{(2),\varnothing} \oplus 617V^{(2),(1)} \oplus 3598V^{(1,1),\varnothing} \oplus 647V^{(1,1),(1)} \oplus 32V^{(3),\varnothing} \oplus 41V^{(2,1),\varnothing} \oplus 43V^{(1,1,1),\varnothing}$
$k = 10: \quad 12155V^{\varnothing,\varnothing} \oplus 12422V^{\varnothing,(1)} \oplus 4782V^{\varnothing,(2)} \oplus 5082V^{\varnothing,(1,1)} \oplus 782V^{\varnothing,(3)} \oplus 1658V^{\varnothing,(2,1)} \oplus 1250V^{\varnothing,(1,1,1)} \oplus 12V^{\varnothing,(3,1)} \oplus 12V^{\varnothing,(2,2)} \oplus 15V^{\varnothing,(2,1,1)} \oplus 11V^{\varnothing,(1,1,1,1)} \oplus 15998V^{(1),\varnothing} \oplus 21038V^{(1),(1)} \oplus 4744V^{(1),(2)} \oplus 4984V^{(1),(1,1)} \oplus 123V^{(1),(3)} \oplus 157V^{(1),(2,1)} \oplus 149V^{(1),(1,1,1)} \oplus 5266V^{(2),\varnothing} \oplus 4264V^{(2),(1)} \oplus 329V^{(2),(2)} \oplus 333V^{(2),(1,1)} \oplus 5674V^{(1,1),\varnothing} \oplus 4696V^{(1,1),(1)} \oplus 359V^{(1,1),(2)} \oplus 365V^{(1,1),(1,1)} \oplus 818V^{(3),\varnothing} \oplus 129V^{(3),(1)} \oplus 1286V^{(2,1),\varnothing} \oplus 161V^{(2,1),(1)} \oplus 1390V^{(1,1,1),\varnothing} \oplus 167V^{(1,1,1),(1)} \oplus 9V^{(3,1),\varnothing} \oplus 12V^{(2,1,1),\varnothing} \oplus 12V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 5610V^{\varnothing,\varnothing} \oplus 7425V^{\varnothing,(1)} \oplus 3400V^{\varnothing,(2)} \oplus 3560V^{\varnothing,(1,1)} \oplus 920V^{\varnothing,(3)} \oplus 2020V^{\varnothing,(2,1)} \oplus 1470V^{\varnothing,(1,1,1)} \oplus 468V^{\varnothing,(3,1)} \oplus 468V^{\varnothing,(2,2)} \oplus 672V^{\varnothing,(2,1,1)} \oplus 316V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(3,2)} \oplus 4V^{\varnothing,(3,1,1)} \oplus 4V^{\varnothing,(2,2,1)} \oplus 4V^{\varnothing,(2,1,1,1)} \oplus 11665V^{(1),\varnothing} \oplus 18260V^{(1),(1)} \oplus 6954V^{(1),(2)} \oplus 7278V^{(1),(1,1)} \oplus 1352V^{(1),(3)} \oplus 2080V^{(1),(2,1)} \oplus 1752V^{(1),(1,1,1)} \oplus 35V^{(1),(3,1)} \oplus 35V^{(1),(2,2)} \oplus 43V^{(1),(2,1,1)} \oplus 33V^{(1),(1,1,1,1)} \oplus 4360V^{(2),\varnothing} \oplus 6486V^{(2),(1)} \oplus 1604V^{(2),(2)} \oplus 1668V^{(2),(1,1)} \oplus 83V^{(2),(3)} \oplus 107V^{(2),(2,1)} \oplus 101V^{(2),(1,1,1)} \oplus 4520V^{(1,1),\varnothing} \oplus 6954V^{(1,1),(1)} \oplus 1796V^{(1,1),(2)} \oplus 1892V^{(1,1),(1,1)} \oplus 99V^{(1,1),(3)} \oplus 133V^{(1,1),(2,1)} \oplus 125V^{(1,1),(1,1,1)} \oplus 1180V^{(3),\varnothing} \oplus 1184V^{(3),(1)} \oplus 105V^{(3),(2)} \oplus 107V^{(3),(1,1)} \oplus 1730V^{(2,1),\varnothing} \oplus 1608V^{(2,1),(1)} \oplus 137V^{(2,1),(2)} \oplus 141V^{(2,1),(1,1)} \oplus 1830V^{(1,1,1),\varnothing} \oplus 1728V^{(1,1,1),(1)} \oplus 143V^{(1,1,1),(2)} \oplus 149V^{(1,1,1),(1,1)} \oplus 344V^{(3,1),\varnothing} \oplus 33V^{(3,1),(1)} \oplus 548V^{(2,1,1),\varnothing} \oplus 41V^{(2,1,1),(1)} \oplus 548V^{(1,1,1,1),\varnothing} \oplus 41V^{(1,1,1,1),(1)} \oplus 3V^{(3,1,1),\varnothing} \oplus 4V^{(2,1,1,1),\varnothing} \oplus 3V^{(1,1,1,1,1),\varnothing}$
$k = 8: \quad 1245V^{\varnothing,\varnothing} \oplus 2430V^{\varnothing,(1)} \oplus 1461V^{\varnothing,(2)} \oplus 1461V^{\varnothing,(1,1)} \oplus 500V^{\varnothing,(3)} \oplus 1020V^{\varnothing,(2,1)} \oplus 760V^{\varnothing,(1,1,1)} \oplus 390V^{\varnothing,(3,1)} \oplus 390V^{\varnothing,(2,2)} \oplus 540V^{\varnothing,(2,1,1)} \oplus 240V^{\varnothing,(1,1,1,1)} \oplus 106V^{\varnothing,(3,2)} \oplus 182V^{\varnothing,(3,1,1)} \oplus 182V^{\varnothing,(2,2,1)} \oplus 182V^{\varnothing,(2,1,1,1)} \oplus V^{\varnothing,(3,2,1)} \oplus V^{\varnothing,(3,1,1,1)} \oplus V^{\varnothing,(2,2,1,1)} \oplus 5640V^{(1),\varnothing} \oplus 12068V^{(1),(1)} \oplus 5280V^{(1),(2)} \oplus 5424V^{(1),(1,1)} \oplus 1866V^{(1),(3)} \oplus 2682V^{(1),(2,1)} \oplus 2274V^{(1),(1,1,1)} \oplus 632V^{(1),(3,1)} \oplus 632V^{(1),(2,2)} \oplus 796V^{(1),(2,1,1)} \oplus 528V^{(1),(1,1,1,1)} \oplus 9V^{(1),(3,2)} \oplus 11V^{(1),(3,1,1)} \oplus 11V^{(1),(2,2,1)} \oplus 11V^{(1),(2,1,1,1)} \oplus 2511V^{(2),\varnothing} \oplus 5136V^{(2),(1)} \oplus 2210V^{(2),(2)} \oplus 2282V^{(2),(1,1)} \oplus 452V^{(2),(3)} \oplus 700V^{(2),(2,1)} \oplus 588V^{(2),(1,1,1)} \oplus 25V^{(2),(3,1)} \oplus 25V^{(2),(2,2)} \oplus 31V^{(2),(2,1,1)} \oplus 23V^{(2),(1,1,1,1)} \oplus 2511V^{(1,1),\varnothing} \oplus 5280V^{(1,1),(1)} \oplus 2366V^{(1,1),(2)} \oplus 2474V^{(1,1),(1,1)} \oplus 508V^{(1,1),(3)} \oplus 800V^{(1,1),(2,1)} \oplus 672V^{(1,1),(1,1,1)} \oplus 35V^{(1,1),(3,1)} \oplus 35V^{(1,1),(2,2)} \oplus 43V^{(1,1),(2,1,1)} \oplus 33V^{(1,1),(1,1,1,1)} \oplus 820V^{(3),\varnothing} \oplus 1758V^{(3),(1)} \oplus 436V^{(3),(2)} \oplus 452V^{(3),(1,1)} \oplus 42V^{(3),(3)} \oplus 54V^{(3),(2,1)} \oplus 51V^{(3),(1,1,1)} \oplus 1080V^{(2,1),\varnothing} \oplus 2166V^{(2,1),(1)} \oplus 612V^{(2,1),(2)} \oplus 644V^{(2,1),(1,1)} \oplus 59V^{(2,1),(3)} \oplus 83V^{(2,1),(2,1)} \oplus 77V^{(2,1),(1,1,1)} \oplus 1080V^{(1,1,1),\varnothing} \oplus 2274V^{(1,1,1),(1)} \oplus 660V^{(1,1,1),(2)} \oplus 708V^{(1,1,1),(1,1)} \oplus 63V^{(1,1,1),(3)} \oplus 91V^{(1,1,1),(2,1)} \oplus 83V^{(1,1,1),(1,1,1)} \oplus 360V^{(3,1),\varnothing} \oplus 468V^{(3,1),(1)} \oplus 33V^{(3,1),(2)} \oplus 35V^{(3,1),(1,1)} \oplus 510V^{(2,1,1),\varnothing} \oplus 632V^{(2,1,1),(1)} \oplus 41V^{(2,1,1),(2)} \oplus 45V^{(2,1,1),(1,1)} \oplus 510V^{(1,1,1,1),\varnothing} \oplus 632V^{(1,1,1,1),(1)} \oplus 41V^{(1,1,1,1),(2)} \oplus 45V^{(1,1,1,1),(1,1)} \oplus 146V^{(3,1,1),\varnothing} \oplus 9V^{(3,1,1),(1)} \oplus 222V^{(2,1,1,1),\varnothing} \oplus 11V^{(2,1,1,1),(1)} \oplus 146V^{(1,1,1,1,1),\varnothing} \oplus 9V^{(1,1,1,1,1),(1)} \oplus V^{(3,1,1,1),\varnothing} \oplus V^{(2,1,1,1,1),\varnothing}$
$k = 7: \quad 225V^{\varnothing,(1)} \oplus 165V^{\varnothing,(2)} \oplus 165V^{\varnothing,(1,1)} \oplus 105V^{\varnothing,(3)} \oplus 105V^{\varnothing,(2,1)} \oplus 105V^{\varnothing,(1,1,1)} \oplus 60V^{\varnothing,(3,1)} \oplus 60V^{\varnothing,(2,2)} \oplus 60V^{\varnothing,(2,1,1)} \oplus 60V^{\varnothing,(1,1,1,1)} \oplus 30V^{\varnothing,(3,2)} \oplus 30V^{\varnothing,(3,1,1)} \oplus 30V^{\varnothing,(2,2,1)} \oplus 30V^{\varnothing,(2,1,1,1)} \oplus 15V^{\varnothing,(3,2,1)} \oplus 15V^{\varnothing,(3,1,1,1)} \oplus 15V^{\varnothing,(2,2,1,1)} \oplus 1225V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1200V^{(1),(3)} \oplus 1520V^{(1),(2,1)} \oplus 1360V^{(1),(1,1,1)} \oplus 650V^{(1),(3,1)} \oplus 650V^{(1),(2,2)} \oplus 750V^{(1),(2,1,1)} \oplus 550V^{(1),(1,1,1,1)} \oplus 204V^{(1),(3,2)} \oplus 256V^{(1),(3,1,1)} \oplus 256V^{(1),(2,2,1)} \oplus 256V^{(1),(2,1,1,1)} \oplus 3V^{(1),(3,2,1)} \oplus$

Table 161: Table for $\lambda = (3,1,1,1,1)$, $\mu = (3,1,1,1,1)$:

$k = 14: \quad 431V^{\varnothing,\varnothing}$
$k = 13: \quad 8594V^{\varnothing,\varnothing} \oplus 314V^{\varnothing,(1)} \oplus 314V^{(1),\varnothing}$
$k = 12: \quad 15620V^{\varnothing,\varnothing} \oplus 8040V^{\varnothing,(1)} \oplus 109V^{\varnothing,(2)} \oplus 117V^{\varnothing,(1,1)} \oplus 8040V^{(1),\varnothing} \oplus 1493V^{(1),(1)} \oplus 109V^{(2),\varnothing} \oplus 117V^{(1,1),\varnothing}$
$k = 11: \quad 15289V^{\varnothing,\varnothing} \oplus 13764V^{\varnothing,(1)} \oplus 2718V^{\varnothing,(2)} \oplus 3046V^{\varnothing,(1,1)} \oplus 28V^{\varnothing,(3)} \oplus 37V^{\varnothing,(2,1)} \oplus 39V^{\varnothing,(1,1,1)} \oplus 13764V^{(1),\varnothing} \oplus 12488V^{(1),(1)} \oplus 437V^{(1),(2)} \oplus 461V^{(1),(1,1)} \oplus 2718V^{(2),\varnothing} \oplus 437V^{(2),(1)} \oplus 3046V^{(1,1),\varnothing} \oplus 461V^{(1,1),(1)} \oplus 28V^{(3),\varnothing} \oplus 37V^{(2,1),\varnothing} \oplus 39V^{(1,1,1),\varnothing}$
$k = 10: \quad 11255V^{\varnothing,\varnothing} \oplus 12278V^{\varnothing,(1)} \oplus 4266V^{\varnothing,(2)} \oplus 4674V^{\varnothing,(1,1)} \oplus 618V^{\varnothing,(3)} \oplus 1086V^{\varnothing,(2,1)} \oplus 1190V^{\varnothing,(1,1,1)} \oplus 9V^{\varnothing,(3,1)} \oplus 12V^{\varnothing,(2,1,1)} \oplus 12V^{\varnothing,(1,1,1,1)} \oplus 12278V^{(1),\varnothing} \oplus 20570V^{(1),(1)} \oplus 4072V^{(1),(2)} \oplus 4456V^{(1),(1,1)} \oplus 99V^{(1),(3)} \oplus 125V^{(1),(2,1)} \oplus 131V^{(1),(1,1,1)} \oplus 4266V^{(2),\varnothing} \oplus 4072V^{(2),(1)} \oplus 253V^{(2),(2)} \oplus 269V^{(2),(1,1)} \oplus 4674V^{(1,1),\varnothing} \oplus 4456V^{(1,1),(1)} \oplus 269V^{(1,1),(2)} \oplus 293V^{(1,1),(1,1)} \oplus 618V^{(3),\varnothing} \oplus 99V^{(3),(1)} \oplus 1086V^{(2,1),\varnothing} \oplus 125V^{(2,1),(1)} \oplus 1190V^{(1,1,1),\varnothing} \oplus 131V^{(1,1,1),(1)} \oplus 9V^{(3,1),\varnothing} \oplus 12V^{(2,1,1),\varnothing} \oplus 12V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 5235V^{\varnothing,\varnothing} \oplus 7425V^{\varnothing,(1)} \oplus 3240V^{\varnothing,(2)} \oplus 3400V^{\varnothing,(1,1)} \oplus 820V^{\varnothing,(3)} \oplus 1370V^{\varnothing,(2,1)} \oplus 1470V^{\varnothing,(1,1,1)} \oplus 264V^{\varnothing,(3,1)} \oplus 468V^{\varnothing,(2,1,1)} \oplus 468V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(3,1,1)} \oplus 4V^{\varnothing,(2,1,1,1)} \oplus 3V^{\varnothing,(1,1,1,1,1)} \oplus 7425V^{(1),\varnothing} \oplus 18152V^{(1),(1)} \oplus 6414V^{(1),(2)} \oplus 6846V^{(1),(1,1)} \oplus 1160V^{(1),(3)} \oplus 1560V^{(1),(2,1)} \oplus 1680V^{(1),(1,1,1)} \oplus 27V^{(1),(3,1)} \oplus 35V^{(1),(2,1,1)} \oplus 35V^{(1),(1,1,1,1)} \oplus 3240V^{(2),\varnothing} \oplus 6414V^{(2),(1)} \oplus 1396V^{(2),(2)} \oplus 1508V^{(2),(1,1)} \oplus 67V^{(2),(3)} \oplus 85V^{(2),(2,1)} \oplus 89V^{(2),(1,1,1)} \oplus 3400V^{(1,1),\varnothing} \oplus 6846V^{(1,1),(1)} \oplus 1508V^{(1,1),(2)} \oplus 1676V^{(1,1),(1,1)} \oplus 75V^{(1,1),(3)} \oplus 101V^{(1,1),(2,1)} \oplus 107V^{(1,1),(1,1,1)} \oplus 820V^{(3),\varnothing} \oplus 1160V^{(3),(1)} \oplus 67V^{(3),(2)} \oplus 75V^{(3),(1,1)} \oplus 1370V^{(2,1),\varnothing} \oplus 1560V^{(2,1),(1)} \oplus 85V^{(2,1),(2)} \oplus 101V^{(2,1),(1,1)} \oplus 1470V^{(1,1,1),\varnothing} \oplus 1680V^{(1,1,1),(1)} \oplus 89V^{(1,1,1),(2)} \oplus 107V^{(1,1,1),(1,1)} \oplus 264V^{(3,1),\varnothing} \oplus 27V^{(3,1),(1)} \oplus 468V^{(2,1,1),\varnothing} \oplus 35V^{(2,1,1),(1)} \oplus 468V^{(1,1,1,1),\varnothing} \oplus 35V^{(1,1,1,1),(1)} \oplus 3V^{(3,1,1),\varnothing} \oplus 4V^{(2,1,1,1),\varnothing} \oplus 3V^{(1,1,1,1,1),\varnothing}$
$k = 8: \quad 1170V^{\varnothing,\varnothing} \oplus 2430V^{\varnothing,(1)} \oplus 1461V^{\varnothing,(2)} \oplus 1461V^{\varnothing,(1,1)} \oplus 500V^{\varnothing,(3)} \oplus 760V^{\varnothing,(2,1)} \oplus 760V^{\varnothing,(1,1,1)} \oplus 240V^{\varnothing,(3,1)} \oplus 390V^{\varnothing,(2,1,1)} \oplus 390V^{\varnothing,(1,1,1,1)} \oplus 106V^{\varnothing,(3,1,1)} \oplus 182V^{\varnothing,(2,1,1,1)} \oplus 106V^{\varnothing,(1,1,1,1,1)} \oplus V^{\varnothing,(3,1,1,1)} \oplus V^{\varnothing,(2,1,1,1,1)} \oplus 2430V^{(1),\varnothing} \oplus 12068V^{(1),(1)} \oplus 5136V^{(1),(2)} \oplus 5280V^{(1),(1,1)} \oplus 1758V^{(1),(3)} \oplus 2166V^{(1),(2,1)} \oplus 2274V^{(1),(1,1,1)} \oplus 468V^{(1),(3,1)} \oplus 632V^{(1),(2,1,1)} \oplus 632V^{(1),(1,1,1,1)} \oplus 9V^{(1),(3,1,1)} \oplus 11V^{(1),(2,1,1,1)} \oplus 9V^{(1),(1,1,1,1,1)} \oplus 1461V^{(2),\varnothing} \oplus 5136V^{(2),(1)} \oplus 2090V^{(2),(2)} \oplus 2186V^{(2),(1,1)} \oplus 396V^{(2),(3)} \oplus 532V^{(2),(2,1)} \oplus 564V^{(2),(1,1,1)} \oplus 19V^{(2),(3,1)} \oplus 25V^{(2),(2,1,1)} \oplus 25V^{(2),(1,1,1,1)} \oplus 1461V^{(1,1),\varnothing} \oplus 5280V^{(1,1),(1)} \oplus 2186V^{(1,1),(2)} \oplus 2330V^{(1,1),(1,1)} \oplus 424V^{(1,1),(3)} \oplus 588V^{(1,1),(2,1)} \oplus 636V^{(1,1),(1,1,1)} \oplus 27V^{(1,1),(3,1)} \oplus 35V^{(1,1),(2,1,1)} \oplus 35V^{(1,1),(1,1,1,1)} \oplus 500V^{(3),\varnothing} \oplus 1758V^{(3),(1)} \oplus 396V^{(3),(2)} \oplus 424V^{(3),(1,1)} \oplus 34V^{(3),(3)} \oplus 43V^{(3),(2,1)} \oplus 45V^{(3),(1,1,1)} \oplus 760V^{(2,1),\varnothing} \oplus 2166V^{(2,1),(1)} \oplus 532V^{(2,1),(2)} \oplus 588V^{(2,1),(1,1)} \oplus 43V^{(2,1),(3)} \oplus 61V^{(2,1),(2,1)} \oplus 65V^{(2,1),(1,1,1)} \oplus 760V^{(1,1,1),\varnothing} \oplus 2274V^{(1,1,1),(1)} \oplus 564V^{(1,1,1),(2)} \oplus 636V^{(1,1,1),(1,1)} \oplus 45V^{(1,1,1),(3)} \oplus 65V^{(1,1,1),(2,1)} \oplus 71V^{(1,1,1),(1,1,1)} \oplus 240V^{(3,1),\varnothing} \oplus 468V^{(3,1),(1)} \oplus 19V^{(3,1),(2)} \oplus 27V^{(3,1),(1,1)} \oplus 390V^{(2,1,1),\varnothing} \oplus 632V^{(2,1,1),(1)} \oplus 25V^{(2,1,1),(2)} \oplus 35V^{(2,1,1),(1,1)} \oplus 390V^{(1,1,1,1),\varnothing} \oplus 632V^{(1,1,1,1),(1)} \oplus 25V^{(1,1,1,1),(2)} \oplus 35V^{(1,1,1,1),(1,1)} \oplus 106V^{(3,1,1),\varnothing} \oplus 9V^{(3,1,1),(1)} \oplus 182V^{(2,1,1,1),\varnothing} \oplus 11V^{(2,1,1,1),(1)} \oplus 106V^{(1,1,1,1,1),\varnothing} \oplus 9V^{(1,1,1,1,1),(1)} \oplus V^{(3,1,1,1),\varnothing} \oplus V^{(2,1,1,1,1),\varnothing}$
$k = 7: \quad 225V^{\varnothing,\varnothing} \oplus 225V^{\varnothing,(1)} \oplus 165V^{\varnothing,(2)} \oplus 165V^{\varnothing,(1,1)} \oplus 105V^{\varnothing,(3)} \oplus 105V^{\varnothing,(2,1)} \oplus 105V^{\varnothing,(1,1,1)} \oplus 60V^{\varnothing,(3,1)} \oplus 60V^{\varnothing,(2,1,1)} \oplus 60V^{\varnothing,(1,1,1,1)} \oplus 30V^{\varnothing,(3,1,1)} \oplus 30V^{\varnothing,(2,1,1,1)} \oplus 30V^{\varnothing,(1,1,1,1,1)} \oplus 15V^{\varnothing,(3,1,1,1)} \oplus 15V^{\varnothing,(2,1,1,1,1)} \oplus 225V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1200V^{(1),(3)} \oplus 1360V^{(1),(2,1)} \oplus 1360V^{(1),(1,1,1)} \oplus 550V^{(1),(3,1)} \oplus 650V^{(1),(2,1,1)} \oplus 650V^{(1),(1,1,1,1)} \oplus 204V^{(1),(3,1,1)} \oplus 256V^{(1),(2,1,1,1)} \oplus 204V^{(1),(1,1,1,1,1)} \oplus 3V^{(1),(3,1,1,1)} \oplus 3V^{(1),(2,1,1,1,1)} \oplus 165V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1520V^{(2),(2)} \oplus 1544V^{(2),(1,1)} \oplus 582V^{(2),(3)} \oplus 714V^{(2),(2,1)} \oplus 738V^{(2),(1,1,1)} \oplus 160V^{(2),(3,1)} \oplus 216V^{(2),(2,1,1)} \oplus 216V^{(2),(1,1,1,1)} \oplus 7V^{(2),(3,1,1)} \oplus 9V^{(2),(2,1,1,1)} \oplus 7V^{(2),(1,1,1,1,1)} \oplus 165V^{(1,1),\varnothing} \oplus$

Table 162: Table for $\lambda = (3,1,1,1,1)$, $\mu = (2,2,2,1)$:

$k = 14: \quad 34V^{\varnothing,\varnothing}$
$k = 13: \quad 8062V^{\varnothing,\varnothing} \oplus 293V^{\varnothing,(1)} \oplus 253V^{(1),\varnothing}$
$k = 12: \quad 15192V^{\varnothing,\varnothing} \oplus 7368V^{\varnothing,(1)} \oplus 108V^{\varnothing,(2)} \oplus 111V^{\varnothing,(1,1)} \oplus 7676V^{(1),\varnothing} \oplus 1415V^{(1),(1)} \oplus 85V^{(2),\varnothing} \oplus 92V^{(1,1),\varnothing}$
$k = 11: \quad 14884V^{\varnothing,\varnothing} \oplus 12750V^{\varnothing,(1)} \oplus 1958V^{\varnothing,(2)} \oplus 2926V^{\varnothing,(1,1)} \oplus 37V^{\varnothing,(2,1)} \oplus 37V^{\varnothing,(1,1,1)} \oplus 13362V^{(1),\varnothing} \oplus 11600V^{(1),(1)} \oplus 435V^{(1),(2)} \oplus 443V^{(1),(1,1)} \oplus 2612V^{(2),\varnothing} \oplus 385V^{(2),(1)} \oplus 2920V^{(1,1),\varnothing} \oplus 407V^{(1,1),(1)} \oplus 22V^{(3),\varnothing} \oplus 30V^{(2,1),\varnothing} \oplus 32V^{(1,1,1),\varnothing}$
$k = 10: \quad 10976V^{\varnothing,\varnothing} \oplus 11638V^{\varnothing,(1)} \oplus 2916V^{\varnothing,(2)} \oplus 4566V^{\varnothing,(1,1)} \oplus 1086V^{\varnothing,(2,1)} \oplus 1086V^{\varnothing,(1,1,1)} \oplus 11V^{\varnothing,(2,2)} \oplus 12V^{\varnothing,(2,1,1)} \oplus 9V^{\varnothing,(1,1,1,1)} \oplus 11236V^{(1),\varnothing} \oplus 19454V^{(1),(1)} \oplus 3552V^{(1),(2)} \oplus 4312V^{(1),(1,1)} \oplus 125V^{(1),(2,1)} \oplus 125V^{(1),(1,1,1)} \oplus 4180V^{(2),\varnothing} \oplus 3816V^{(2),(1)} \oplus 251V^{(2),(2)} \oplus 257V^{(2),(1,1)} \oplus 4570V^{(1,1),\varnothing} \oplus 4120V^{(1,1),(1)} \oplus 267V^{(1,1),(2)} \oplus 275V^{(1,1),(1,1)} \oplus 598V^{(3),\varnothing} \oplus 73V^{(3),(1)} \oplus 1056V^{(2,1),\varnothing} \oplus 97V^{(2,1),(1)} \oplus 1160V^{(1,1,1),\varnothing} \oplus 101V^{(1,1,1),(1)} \oplus 8V^{(3,1),\varnothing} \oplus 11V^{(2,1,1),\varnothing} \oplus 11V^{(1,1,1,1),\varnothing}$
$k = 9:$ $4770V^{\varnothing,\varnothing} \oplus 7185V^{\varnothing,(1)} \oplus 2200V^{\varnothing,(2)} \oplus 3400V^{\varnothing,(1,1)} \oplus 1370V^{\varnothing,(2,1)} \oplus 1370V^{\varnothing,(1,1,1)} \oplus 316V^{\varnothing,(2,2)} \oplus 468V^{\varnothing,(2,1,1)} \oplus 264V^{\varnothing,(1,1,1,1)} \oplus 4V^{\varnothing,(2,2,1)} \oplus 3V^{\varnothing,(2,1,1,1)} \oplus 7136V^{(1),\varnothing} \oplus 17576V^{(1),(1)} \oplus 5514V^{(1),(2)} \oplus 6738V^{(1),(1,1)} \oplus 1560V^{(1),(2,1)} \oplus 1560V^{(1),(1,1,1)} \oplus 33V^{(1),(2,2)} \oplus 35V^{(1),(2,1,1)} \oplus 27V^{(1),(1,1,1,1)} \oplus 2960V^{(2),\varnothing} \oplus 6198V^{(2),(1)} \oplus 1196V^{(2),(2)} \oplus 1460V^{(2),(1,1)} \oplus 85V^{(2),(2,1)} \oplus 85V^{(2),(1,1,1)} \oplus 3120V^{(1,1),\varnothing} \oplus 6522V^{(1,1),(1)} \oplus 1308V^{(1,1),(2)} \oplus 1604V^{(1,1),(1,1)} \oplus 101V^{(1,1),(2,1)} \oplus 101V^{(1,1),(1,1,1)} \oplus 802V^{(3),\varnothing} \oplus 1120V^{(3),(1)} \oplus 66V^{(3),(2)} \oplus 69V^{(3),(1,1)} \oplus 1352V^{(2,1),\varnothing} \oplus 1480V^{(2,1),(1)} \oplus 83V^{(2,1),(2)} \oplus 89V^{(2,1),(1,1)} \oplus 1452V^{(1,1,1),\varnothing} \oplus 1560V^{(1,1,1),(1)} \oplus 87V^{(1,1,1),(2)} \oplus 95V^{(1,1,1),(1,1)} \oplus 260V^{(3,1),\varnothing} \oplus 25V^{(3,1),(1)} \oplus 464V^{(2,1,1),\varnothing} \oplus 31V^{(2,1,1),(1)} \oplus 464V^{(1,1,1,1),\varnothing} \oplus 31V^{(1,1,1,1),(1)} \oplus 3V^{(3,1,1),\varnothing} \oplus 4V^{(2,1,1,1),\varnothing} \oplus 3V^{(1,1,1,1,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 2430V^{\varnothing,(1)} \oplus 993V^{\varnothing,(2)} \oplus 1461V^{\varnothing,(1,1)} \oplus 760V^{\varnothing,(2,1)} \oplus 760V^{\varnothing,(1,1,1)} \oplus 240V^{\varnothing,(2,2)} \oplus 390V^{\varnothing,(2,1,1)} \oplus 240V^{\varnothing,(1,1,1,1)} \oplus 182V^{\varnothing,(2,2,1)} \oplus 106V^{\varnothing,(2,1,1,1)} \oplus V^{\varnothing,(2,2,2)} \oplus V^{\varnothing,(2,2,1,1)} \oplus 2196V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 4496V^{(1),(2)} \oplus 5280V^{(1),(1,1)} \oplus 2166V^{(1),(2,1)} \oplus 2166V^{(1),(1,1,1)} \oplus 528V^{(1),(2,2)} \oplus 632V^{(1),(2,1,1)} \oplus 468V^{(1),(1,1,1,1)} \oplus 11V^{(1),(2,2,1)} \oplus 9V^{(1),(2,1,1,1)} \oplus 1356V^{(2),\varnothing} \oplus 5040V^{(2),(1)} \oplus 1766V^{(2),(2)} \oplus 2162V^{(2),(1,1)} \oplus 532V^{(2),(2,1)} \oplus 532V^{(2),(1,1,1)} \oplus 23V^{(2),(2,2)} \oplus 25V^{(2),(2,1,1)} \oplus 19V^{(2),(1,1,1,1)} \oplus 1356V^{(1,1),\varnothing} \oplus 5136V^{(1,1),(1)} \oplus 1862V^{(1,1),(2)} \oplus 2294V^{(1,1),(1,1)} \oplus 588V^{(1,1),(2,1)} \oplus 588V^{(1,1),(1,1,1)} \oplus 33V^{(1,1),(2,2)} \oplus 35V^{(1,1),(2,1,1)} \oplus 27V^{(1,1),(1,1,1,1)} \oplus 428V^{(3),\varnothing} \oplus 1722V^{(3),(1)} \oplus 356V^{(3),(2)} \oplus 412V^{(3),(1,1)} \oplus 43V^{(3),(2,1)} \oplus 43V^{(3),(1,1,1)} \oplus 688V^{(2,1),\varnothing} \oplus 2094V^{(2,1),(1)} \oplus 452V^{(2,1),(2)} \oplus 564V^{(2,1),(1,1)} \oplus 61V^{(2,1),(2,1)} \oplus 61V^{(2,1),(1,1,1)} \oplus 688V^{(1,1,1),\varnothing} \oplus 2166V^{(1,1,1),(1)} \oplus 484V^{(1,1,1),(2)} \oplus 612V^{(1,1,1),(1,1)} \oplus 65V^{(1,1,1),(2,1)} \oplus 65V^{(1,1,1),(1,1,1)} \oplus 234V^{(3,1),\varnothing} \oplus 448V^{(3,1),(1)} \oplus 18V^{(3,1),(2)} \oplus 21V^{(3,1),(1,1)} \oplus 384V^{(2,1,1),\varnothing} \oplus 592V^{(2,1,1),(1)} \oplus 23V^{(2,1,1),(2)} \oplus 29V^{(2,1,1),(1,1)} \oplus 384V^{(1,1,1,1),\varnothing} \oplus 592V^{(1,1,1,1),(1)} \oplus 23V^{(1,1,1,1),(2)} \oplus 29V^{(1,1,1,1),(1,1)} \oplus 104V^{(3,1,1),\varnothing} \oplus 7V^{(3,1,1),(1)} \oplus 180V^{(2,1,1,1),\varnothing} \oplus 9V^{(2,1,1,1),(1)} \oplus 104V^{(1,1,1,1,1),\varnothing} \oplus 7V^{(1,1,1,1,1),(1)} \oplus V^{(3,1,1,1),\varnothing} \oplus V^{(2,1,1,1,1),\varnothing}$
$k = 7: \quad 225V^{\varnothing,(1)} \oplus 165V^{\varnothing,(2)} \oplus 165V^{\varnothing,(1,1)} \oplus 105V^{\varnothing,(2,1)} \oplus 105V^{\varnothing,(1,1,1)} \oplus 60V^{\varnothing,(2,2)} \oplus 60V^{\varnothing,(2,1,1)} \oplus 60V^{\varnothing,(1,1,1,1)} \oplus 30V^{\varnothing,(2,2,1)} \oplus 30V^{\varnothing,(2,1,1,1)} \oplus 15V^{\varnothing,(2,2,2)} \oplus 15V^{\varnothing,(2,2,1,1)} \oplus 196V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2580V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1360V^{(1),(2,1)} \oplus 1360V^{(1),(1,1,1)} \oplus 550V^{(1),(2,2)} \oplus 650V^{(1),(2,1,1)} \oplus 550V^{(1),(1,1,1,1)} \oplus 256V^{(1),(2,2,1)} \oplus 204V^{(1),(2,1,1,1)} \oplus 3V^{(1),(2,2,2)} \oplus 3V^{(1),(2,2,1,1)} \oplus 126V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1328V^{(2),(2)} \oplus 1544V^{(2),(1,1)} \oplus 714V^{(2),(2,1)} \oplus 714V^{(2),(1,1,1)} \oplus 176V^{(2),(2,2)} \oplus 216V^{(2),(2,1,1)} \oplus 160V^{(2),(1,1,1,1)} \oplus 9V^{(2),(2,2,1)} \oplus 7V^{(2),(2,1,1,1)} \oplus 126V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1352V^{(1,1),(2)} \oplus 1580V^{(1,1),(1,1)} \oplus 738V^{(1,1),(2,1)} \oplus 738V^{(1,1),(1,1,1)} \oplus 192V^{(1,1),(2,2)} \oplus 232V^{(1,1),(2,1,1)} \oplus 168V^{(1,1),(1,1,1,1)} \oplus 11V^{(1,1),(2,2,1)} \oplus 9V^{(1,1),(2,1,1,1)} \oplus 84V^{(3),\varnothing} \oplus 1200V^{(3),(1)} \oplus 528V^{(3),(2)} \oplus 594V^{(3),(1,1)} \oplus$

Table 163: Table for $\lambda = (3,1,1,1,1)$, $\mu = (2,2,1,1,1)$:

$k = 14: \quad 60V^{\varnothing,\varnothing}$
$k = 13: \quad 8091V^{\varnothing,\varnothing} \oplus 312V^{\varnothing,(1)} \oplus 255V^{(1),\varnothing}$
$k = 12: \quad 15194V^{\varnothing,\varnothing} \oplus 7520V^{\varnothing,(1)} \oplus 108V^{\varnothing,(2)} \oplus 117V^{\varnothing,(1,1)} \oplus 7680V^{(1),\varnothing} \oplus 1487V^{(1),(1)} \oplus 86V^{(2),\varnothing} \oplus 93V^{(1,1),\varnothing}$
$k = 11: \quad 14884V^{\varnothing,\varnothing} \oplus 12864V^{\varnothing,(1)} \oplus 1958V^{\varnothing,(2)} \oplus 3046V^{\varnothing,(1,1)} \oplus 37V^{\varnothing,(2,1)} \oplus 39V^{\varnothing,(1,1,1)} \oplus 13362V^{(1),\varnothing} \oplus 11888V^{(1),(1)} \oplus 435V^{(1),(2)} \oplus 461V^{(1),(1,1)} \oplus 2612V^{(2),\varnothing} \oplus 433V^{(2),(1)} \oplus 2920V^{(1,1),\varnothing} \oplus 455V^{(1,1),(1)} \oplus 22V^{(3),\varnothing} \oplus 30V^{(2,1),\varnothing} \oplus 32V^{(1,1,1),\varnothing}$
$k = 10: \quad 10976V^{\varnothing,\varnothing} \oplus 11638V^{\varnothing,(1)} \oplus 2916V^{\varnothing,(2)} \oplus 4674V^{\varnothing,(1,1)} \oplus 1086V^{\varnothing,(2,1)} \oplus 1190V^{\varnothing,(1,1,1)} \oplus 9V^{\varnothing,(2,2)} \oplus 12V^{\varnothing,(2,1,1)} \oplus 12V^{\varnothing,(1,1,1,1)} \oplus 11236V^{(1),\varnothing} \oplus 19598V^{(1),(1)} \oplus 3552V^{(1),(2)} \oplus 4456V^{(1),(1,1)} \oplus 125V^{(1),(2,1)} \oplus 131V^{(1),(1,1,1)} \oplus 4180V^{(2),\varnothing} \oplus 3912V^{(2),(1)} \oplus 251V^{(2),(2)} \oplus 269V^{(2),(1,1)} \oplus 4570V^{(1,1),\varnothing} \oplus 4216V^{(1,1),(1)} \oplus 267V^{(1,1),(2)} \oplus 293V^{(1,1),(1,1)} \oplus 598V^{(3),\varnothing} \oplus 97V^{(3),(1)} \oplus 1056V^{(2,1),\varnothing} \oplus 121V^{(2,1),(1)} \oplus 1160V^{(1,1,1),\varnothing} \oplus 125V^{(1,1,1),(1)} \oplus 8V^{(3,1),\varnothing} \oplus 11V^{(2,1,1),\varnothing} \oplus 11V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 4980V^{\varnothing,\varnothing} \oplus 7185V^{\varnothing,(1)} \oplus 2200V^{\varnothing,(2)} \oplus 3400V^{\varnothing,(1,1)} \oplus 1370V^{\varnothing,(2,1)} \oplus 1470V^{\varnothing,(1,1,1)} \oplus 264V^{\varnothing,(2,2)} \oplus 468V^{\varnothing,(2,1,1)} \oplus 468V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(2,2,1)} \oplus 4V^{\varnothing,(2,1,1,1)} \oplus 3V^{\varnothing,(1,1,1,1,1)} \oplus 7136V^{(1),\varnothing} \oplus 17576V^{(1),(1)} \oplus 5514V^{(1),(2)} \oplus 6846V^{(1),(1,1)} \oplus 1560V^{(1),(2,1)} \oplus 1680V^{(1),(1,1,1)} \oplus 27V^{(1),(2,2)} \oplus 35V^{(1),(2,1,1)} \oplus 35V^{(1),(1,1,1,1)} \oplus 2960V^{(2),\varnothing} \oplus 6198V^{(2),(1)} \oplus 1196V^{(2),(2)} \oplus 1508V^{(2),(1,1)} \oplus 85V^{(2),(2,1)} \oplus 89V^{(2),(1,1,1)} \oplus 3120V^{(1,1),\varnothing} \oplus 6522V^{(1,1),(1)} \oplus 1308V^{(1,1),(2)} \oplus 1676V^{(1,1),(1,1)} \oplus 101V^{(1,1),(2,1)} \oplus 107V^{(1,1),(1,1,1)} \oplus 802V^{(3),\varnothing} \oplus 1120V^{(3),(1)} \oplus 66V^{(3),(2)} \oplus 75V^{(3),(1,1)} \oplus 1352V^{(2,1),\varnothing} \oplus 1480V^{(2,1),(1)} \oplus 83V^{(2,1),(2)} \oplus 101V^{(2,1),(1,1)} \oplus 1452V^{(1,1,1),\varnothing} \oplus 1560V^{(1,1,1),(1)} \oplus 87V^{(1,1,1),(2)} \oplus 107V^{(1,1,1),(1,1)} \oplus 260V^{(3,1),\varnothing} \oplus 25V^{(3,1),(1)} \oplus 464V^{(2,1,1),\varnothing} \oplus 31V^{(2,1,1),(1)} \oplus 464V^{(1,1,1,1),\varnothing} \oplus 31V^{(1,1,1,1),(1)} \oplus 3V^{(3,1,1),\varnothing} \oplus 4V^{(2,1,1,1),\varnothing} \oplus 3V^{(1,1,1,1,1),\varnothing}$
$k = 8: \quad 930V^{\varnothing,\varnothing} \oplus 2430V^{\varnothing,(1)} \oplus 993V^{\varnothing,(2)} \oplus 1461V^{\varnothing,(1,1)} \oplus 760V^{\varnothing,(2,1)} \oplus 760V^{\varnothing,(1,1,1)} \oplus 240V^{\varnothing,(2,2)} \oplus 390V^{\varnothing,(2,1,1)} \oplus 390V^{\varnothing,(1,1,1,1)} \oplus 106V^{\varnothing,(2,2,1)} \oplus 182V^{\varnothing,(2,1,1,1)} \oplus 106V^{\varnothing,(1,1,1,1,1)} \oplus V^{\varnothing,(2,2,1,1)} \oplus V^{\varnothing,(2,1,1,1,1)} \oplus 2280V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 4496V^{(1),(2)} \oplus 5280V^{(1),(1,1)} \oplus 2166V^{(1),(2,1)} \oplus 2274V^{(1),(1,1,1)} \oplus 468V^{(1),(2,2)} \oplus 632V^{(1),(2,1,1)} \oplus 632V^{(1),(1,1,1,1)} \oplus 9V^{(1),(2,2,1)} \oplus 11V^{(1),(2,1,1,1)} \oplus 9V^{(1),(1,1,1,1,1)} \oplus 1356V^{(2),\varnothing} \oplus 5040V^{(2),(1)} \oplus 1766V^{(2),(2)} \oplus 2186V^{(2),(1,1)} \oplus 532V^{(2),(2,1)} \oplus 564V^{(2),(1,1,1)} \oplus 19V^{(2),(2,2)} \oplus 25V^{(2),(2,1,1)} \oplus 25V^{(2),(1,1,1,1)} \oplus 1356V^{(1,1),\varnothing} \oplus 5136V^{(1,1),(1)} \oplus 1862V^{(1,1),(2)} \oplus 2330V^{(1,1),(1,1)} \oplus 588V^{(1,1),(2,1)} \oplus 636V^{(1,1),(1,1,1)} \oplus 27V^{(1,1),(2,2)} \oplus 35V^{(1,1),(2,1,1)} \oplus 35V^{(1,1),(1,1,1,1)} \oplus 428V^{(3),\varnothing} \oplus 1722V^{(3),(1)} \oplus 356V^{(3),(2)} \oplus 424V^{(3),(1,1)} \oplus 43V^{(3),(2,1)} \oplus 45V^{(3),(1,1,1)} \oplus 688V^{(2,1),\varnothing} \oplus 2094V^{(2,1),(1)} \oplus 452V^{(2,1),(2)} \oplus 588V^{(2,1),(1,1)} \oplus 61V^{(2,1),(2,1)} \oplus 65V^{(2,1),(1,1,1)} \oplus 688V^{(1,1,1),\varnothing} \oplus 2166V^{(1,1,1),(1)} \oplus 484V^{(1,1,1),(2)} \oplus 636V^{(1,1,1),(1,1)} \oplus 65V^{(1,1,1),(2,1)} \oplus 71V^{(1,1,1),(1,1,1)} \oplus 234V^{(3,1),\varnothing} \oplus 448V^{(3,1),(1)} \oplus 18V^{(3,1),(2)} \oplus 27V^{(3,1),(1,1)} \oplus 384V^{(2,1,1),\varnothing} \oplus 592V^{(2,1,1),(1)} \oplus 23V^{(2,1,1),(2)} \oplus 35V^{(2,1,1),(1,1)} \oplus 384V^{(1,1,1,1),\varnothing} \oplus 592V^{(1,1,1,1),(1)} \oplus 23V^{(1,1,1,1),(2)} \oplus 35V^{(1,1,1,1),(1,1)} \oplus 104V^{(3,1,1),\varnothing} \oplus 7V^{(3,1,1),(1)} \oplus 180V^{(2,1,1,1),\varnothing} \oplus 9V^{(2,1,1,1),(1)} \oplus 104V^{(1,1,1,1,1),\varnothing} \oplus 7V^{(1,1,1,1,1),(1)} \oplus V^{(3,1,1,1),\varnothing} \oplus V^{(2,1,1,1,1),\varnothing}$
$k = 7: \quad 225V^{\varnothing,(1)} \oplus 165V^{\varnothing,(2)} \oplus 165V^{\varnothing,(1,1)} \oplus 105V^{\varnothing,(2,1)} \oplus 105V^{\varnothing,(1,1,1)} \oplus 60V^{\varnothing,(2,2)} \oplus 60V^{\varnothing,(2,1,1)} \oplus 60V^{\varnothing,(1,1,1,1)} \oplus 30V^{\varnothing,(2,2,1)} \oplus 30V^{\varnothing,(2,1,1,1)} \oplus 30V^{\varnothing,(1,1,1,1,1)} \oplus 15V^{\varnothing,(2,2,1,1)} \oplus 15V^{\varnothing,(2,1,1,1,1)} \oplus 196V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2580V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1360V^{(1),(2,1)} \oplus 1360V^{(1),(1,1,1)} \oplus 550V^{(1),(2,2)} \oplus 650V^{(1),(2,1,1)} \oplus 650V^{(1),(1,1,1,1)} \oplus 204V^{(1),(2,2,1)} \oplus 256V^{(1),(2,1,1,1)} \oplus 204V^{(1),(1,1,1,1,1)} \oplus 3V^{(1),(2,2,1,1)} \oplus 3V^{(1),(2,1,1,1,1)} \oplus 140V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1328V^{(2),(2)} \oplus 1544V^{(2),(1,1)} \oplus 714V^{(2),(2,1)} \oplus 738V^{(2),(1,1,1)} \oplus 160V^{(2),(2,2)} \oplus 216V^{(2),(2,1,1)} \oplus 216V^{(2),(1,1,1,1)} \oplus 7V^{(2),(2,2,1)} \oplus 9V^{(2),(2,1,1,1)} \oplus 7V^{(2),(1,1,1,1,1)} \oplus 140V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1352V^{(1,1),(2)} \oplus 1580V^{(1,1),(1,1)} \oplus 738V^{(1,1),(2,1)} \oplus 774V^{(1,1),(1,1,1)} \oplus 168V^{(1,1),(2,2)} \oplus 232V^{(1,1),(2,1,1)} \oplus 232V^{(1,1),(1,1,1,1)} \oplus 9V^{(1,1),(2,2,1)} \oplus$

Table 164: Table for $\lambda = (3,1,1,1,1)$, $\mu = (2,1,1,1,1,1)$:

$k = 14: \quad 60V^{\varnothing,\varnothing}$
$k = 13: \quad 7971V^{\varnothing,\varnothing} \oplus 287V^{\varnothing,(1)} \oplus 113V^{(1),\varnothing}$
$k = 12: \quad 14954V^{\varnothing,\varnothing} \oplus 7128V^{\varnothing,(1)} \oplus 81V^{\varnothing,(2)} \oplus 109V^{\varnothing,(1,1)} \oplus 6876V^{(1),\varnothing} \oplus 1397V^{(1),(1)} \oplus 53V^{(2),\varnothing} \oplus 60V^{(1,1),\varnothing}$
$k = 11: \quad 14644V^{\varnothing,\varnothing} \oplus 12426V^{\varnothing,(1)} \oplus 1554V^{\varnothing,(2)} \oplus 2718V^{\varnothing,(1,1)} \oplus 28V^{\varnothing,(2,1)} \oplus 37V^{\varnothing,(1,1,1)} \oplus 12090V^{(1),\varnothing} \oplus 11312V^{(1),(1)} \oplus 339V^{(1),(2)} \oplus 437V^{(1),(1,1)} \oplus 2372V^{(2),\varnothing} \oplus 373V^{(2),(1)} \oplus 2680V^{(1,1),\varnothing} \oplus 389V^{(1,1),(1)} \oplus 18V^{(3),\varnothing} \oplus 26V^{(2,1),\varnothing} \oplus 28V^{(1,1,1),\varnothing}$
$k = 10: \quad 10736V^{\varnothing,\varnothing} \oplus 11494V^{\varnothing,(1)} \oplus 2508V^{\varnothing,(2)} \oplus 4266V^{\varnothing,(1,1)} \oplus 618V^{\varnothing,(2,1)} \oplus 1086V^{\varnothing,(1,1,1)} \oplus 9V^{\varnothing,(2,1,1)} \oplus 12V^{\varnothing,(1,1,1,1)} \oplus 10196V^{(1),\varnothing} \oplus 19130V^{(1),(1)} \oplus 3024V^{(1),(2)} \oplus 4072V^{(1),(1,1)} \oplus 99V^{(1),(2,1)} \oplus 125V^{(1),(1,1,1)} \oplus 3780V^{(2),\varnothing} \oplus 3720V^{(2),(1)} \oplus 187V^{(2),(2)} \oplus 253V^{(2),(1,1)} \oplus 4170V^{(1,1),\varnothing} \oplus 3976V^{(1,1),(1)} \oplus 195V^{(1,1),(2)} \oplus 269V^{(1,1),(1,1)} \oplus 518V^{(3),\varnothing} \oplus 67V^{(3),(1)} \oplus 976V^{(2,1),\varnothing} \oplus 85V^{(2,1),(1)} \oplus 1080V^{(1,1,1),\varnothing} \oplus 89V^{(1,1,1),(1)} \oplus 8V^{(3,1),\varnothing} \oplus 11V^{(2,1,1),\varnothing} \oplus 11V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 4740V^{\varnothing,\varnothing} \oplus 7185V^{\varnothing,(1)} \oplus 2040V^{\varnothing,(2)} \oplus 3240V^{\varnothing,(1,1)} \oplus 820V^{\varnothing,(2,1)} \oplus 1370V^{\varnothing,(1,1,1)} \oplus 264V^{\varnothing,(2,1,1)} \oplus 468V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(2,1,1,1)} \oplus 4V^{\varnothing,(1,1,1,1,1)} \oplus 5880V^{(1),\varnothing} \oplus 17468V^{(1),(1)} \oplus 5082V^{(1),(2)} \oplus 6414V^{(1),(1,1)} \oplus 1160V^{(1),(2,1)} \oplus 1560V^{(1),(1,1,1)} \oplus 27V^{(1),(2,1,1)} \oplus 35V^{(1),(1,1,1,1)} \oplus 2640V^{(2),\varnothing} \oplus 6126V^{(2),(1)} \oplus 1036V^{(2),(2)} \oplus 1396V^{(2),(1,1)} \oplus 67V^{(2),(2,1)} \oplus 85V^{(2),(1,1,1)} \oplus 2800V^{(1,1),\varnothing} \oplus 6414V^{(1,1),(1)} \oplus 1092V^{(1,1),(2)} \oplus 1508V^{(1,1),(1,1)} \oplus 75V^{(1,1),(2,1)} \oplus 101V^{(1,1),(1,1,1)} \oplus 658V^{(3),\varnothing} \oplus 1096V^{(3),(1)} \oplus 34V^{(3),(2)} \oplus 67V^{(3),(1,1)} \oplus 1208V^{(2,1),\varnothing} \oplus 1432V^{(2,1),(1)} \oplus 43V^{(2,1),(2)} \oplus 85V^{(2,1),(1,1)} \oplus 1308V^{(1,1,1),\varnothing} \oplus 1512V^{(1,1,1),(1)} \oplus 45V^{(1,1,1),(2)} \oplus 89V^{(1,1,1),(1,1)} \oplus 228V^{(3,1),\varnothing} \oplus 19V^{(3,1),(1)} \oplus 432V^{(2,1,1),\varnothing} \oplus 25V^{(2,1,1),(1)} \oplus 432V^{(1,1,1,1),\varnothing} \oplus 25V^{(1,1,1,1),(1)} \oplus 3V^{(3,1,1),\varnothing} \oplus 4V^{(2,1,1,1),\varnothing} \oplus 3V^{(1,1,1,1,1),\varnothing}$
$k = 8: \quad 810V^{\varnothing,\varnothing} \oplus 2430V^{\varnothing,(1)} \oplus 993V^{\varnothing,(2)} \oplus 1461V^{\varnothing,(1,1)} \oplus 500V^{\varnothing,(2,1)} \oplus 760V^{\varnothing,(1,1,1)} \oplus 240V^{\varnothing,(2,1,1)} \oplus 390V^{\varnothing,(1,1,1,1)} \oplus 106V^{\varnothing,(2,1,1,1)} \oplus 182V^{\varnothing,(1,1,1,1,1)} \oplus V^{\varnothing,(2,1,1,1,1)} \oplus V^{\varnothing,(1,1,1,1,1,1)} \oplus 1620V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 4352V^{(1),(2)} \oplus 5136V^{(1),(1,1)} \oplus 1758V^{(1),(2,1)} \oplus 2166V^{(1),(1,1,1)} \oplus 468V^{(1),(2,1,1)} \oplus 632V^{(1),(1,1,1,1)} \oplus 9V^{(1),(2,1,1,1)} \oplus 11V^{(1),(1,1,1,1,1)} \oplus 1056V^{(2),\varnothing} \oplus 5040V^{(2),(1)} \oplus 1670V^{(2),(2)} \oplus 2090V^{(2),(1,1)} \oplus 396V^{(2),(2,1)} \oplus 532V^{(2),(1,1,1)} \oplus 19V^{(2),(2,1,1)} \oplus 25V^{(2),(1,1,1,1)} \oplus 1056V^{(1,1),\varnothing} \oplus 5136V^{(1,1),(1)} \oplus 1718V^{(1,1),(2)} \oplus 2186V^{(1,1),(1,1)} \oplus 424V^{(1,1),(2,1)} \oplus 588V^{(1,1),(1,1,1)} \oplus 27V^{(1,1),(2,1,1)} \oplus 35V^{(1,1),(1,1,1,1)} \oplus 332V^{(3),\varnothing} \oplus 1722V^{(3),(1)} \oplus 328V^{(3),(2)} \oplus 396V^{(3),(1,1)} \oplus 34V^{(3),(2,1)} \oplus 43V^{(3),(1,1,1)} \oplus 592V^{(2,1),\varnothing} \oplus 2094V^{(2,1),(1)} \oplus 396V^{(2,1),(2)} \oplus 532V^{(2,1),(1,1)} \oplus 43V^{(2,1),(2,1)} \oplus 61V^{(2,1),(1,1,1)} \oplus 592V^{(1,1,1),\varnothing} \oplus 2166V^{(1,1,1),(1)} \oplus 412V^{(1,1,1),(2)} \oplus 564V^{(1,1,1),(1,1)} \oplus 45V^{(1,1,1),(2,1)} \oplus 65V^{(1,1,1),(1,1,1)} \oplus 186V^{(3,1),\varnothing} \oplus 448V^{(3,1),(1)} \oplus 10V^{(3,1),(2)} \oplus 19V^{(3,1),(1,1)} \oplus 336V^{(2,1,1),\varnothing} \oplus 592V^{(2,1,1),(1)} \oplus 13V^{(2,1,1),(2)} \oplus 25V^{(2,1,1),(1,1)} \oplus 336V^{(1,1,1,1),\varnothing} \oplus 592V^{(1,1,1,1),(1)} \oplus 13V^{(1,1,1,1),(2)} \oplus 25V^{(1,1,1,1),(1,1)} \oplus 88V^{(3,1,1),\varnothing} \oplus 7V^{(3,1,1),(1)} \oplus 164V^{(2,1,1,1),\varnothing} \oplus 9V^{(2,1,1,1),(1)} \oplus 88V^{(1,1,1,1,1),\varnothing} \oplus 7V^{(1,1,1,1,1),(1)} \oplus V^{(3,1,1,1),\varnothing} \oplus V^{(2,1,1,1,1),\varnothing}$
$k = 7: \quad 225V^{\varnothing,(1)} \oplus 165V^{\varnothing,(2)} \oplus 165V^{\varnothing,(1,1)} \oplus 105V^{\varnothing,(2,1)} \oplus 105V^{\varnothing,(1,1,1)} \oplus 60V^{\varnothing,(2,1,1)} \oplus 60V^{\varnothing,(1,1,1,1)} \oplus 30V^{\varnothing,(2,1,1,1)} \oplus 30V^{\varnothing,(1,1,1,1,1)} \oplus 15V^{\varnothing,(2,1,1,1,1)} \oplus 15V^{\varnothing,(1,1,1,1,1,1)} \oplus 36V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2580V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1200V^{(1),(2,1)} \oplus 1360V^{(1),(1,1,1)} \oplus 550V^{(1),(2,1,1)} \oplus 650V^{(1),(1,1,1,1)} \oplus 204V^{(1),(2,1,1,1)} \oplus 256V^{(1),(1,1,1,1,1)} \oplus 3V^{(1),(2,1,1,1,1)} \oplus 3V^{(1),(1,1,1,1,1,1)} \oplus 30V^{(2),\varnothing} \oplus 2820V^{(2),(1)} \oplus 1304V^{(2),(2)} \oplus 1520V^{(2),(1,1)} \oplus 582V^{(2),(2,1)} \oplus 714V^{(2),(1,1,1)} \oplus 160V^{(2),(2,1,1)} \oplus 216V^{(2),(1,1,1,1)} \oplus 7V^{(2),(2,1,1,1)} \oplus 9V^{(2),(1,1,1,1,1)} \oplus 30V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1316V^{(1,1),(2)} \oplus 1544V^{(1,1),(1,1)} \oplus 594V^{(1,1),(2,1)} \oplus 738V^{(1,1),(1,1,1)} \oplus 168V^{(1,1),(2,1,1)} \oplus 232V^{(1,1),(1,1,1,1)} \oplus 9V^{(1,1),(2,1,1,1)} \oplus 11V^{(1,1),(1,1,1,1,1)} \oplus 24V^{(3),\varnothing} \oplus 1200V^{(3),(1)} \oplus 516V^{(3),(2)} \oplus 582V^{(3),(1,1)} \oplus 130V^{(3),(2,1)} \oplus 160V^{(3),(1,1,1)} \oplus 10V^{(3),(2,1,1)} \oplus 13V^{(3),(1,1,1,1)} \oplus 24V^{(2,1),\varnothing} \oplus 1360V^{(2,1),(1)} \oplus 582V^{(2,1),(2)} \oplus 714V^{(2,1),(1,1)} \oplus 160V^{(2,1),(2,1)} \oplus 220V^{(2,1),(1,1,1)} \oplus 19V^{(2,1),(2,1,1)} \oplus 25V^{(2,1),(1,1,1,1)} \oplus 24V^{(1,1,1),\varnothing} \oplus$

Table 165: Table for $\lambda = (3,1,1,1,1)$, $\mu = (1,1,1,1,1,1,1)$:

$k = 14: \quad 5V^{\varnothing,\varnothing}$
$k = 13: \quad 6587V^{\varnothing,\varnothing} \oplus 206V^{\varnothing,(1)} \oplus 15V^{(1),\varnothing}$
$k = 12:$ $12697V^{\varnothing,\varnothing} \oplus 4134V^{\varnothing,(1)} \oplus 81V^{\varnothing,(1,1)} \oplus 4956V^{(1),\varnothing} \oplus 1059V^{(1),(1)} \oplus 10V^{(2),\varnothing} \oplus 12V^{(1,1),\varnothing}$
$k = 11: \quad 12953V^{\varnothing,\varnothing} \oplus 7338V^{\varnothing,(1)} \oplus 1554V^{\varnothing,(1,1)} \oplus 28V^{\varnothing,(1,1,1)} \oplus 9105V^{(1),\varnothing} \oplus 8544V^{(1),(1)} \oplus 339V^{(1),(1,1)} \oplus 1802V^{(2),\varnothing} \oplus 187V^{(2),(1)} \oplus 1926V^{(1,1),\varnothing} \oplus 195V^{(1,1),(1)} \oplus 5V^{(3),\varnothing} \oplus 8V^{(2,1),\varnothing} \oplus 9V^{(1,1,1),\varnothing}$
$k = 10:$ $9875V^{\varnothing,\varnothing} \oplus 7142V^{\varnothing,(1)} \oplus 2508V^{\varnothing,(1,1)} \oplus 618V^{\varnothing,(1,1,1)} \oplus 9V^{\varnothing,(1,1,1,1)} \oplus 8224V^{(1),\varnothing} \oplus 15190V^{(1),(1)} \oplus 3024V^{(1),(1,1)} \oplus 99V^{(1),(1,1,1)} \oplus 3061V^{(2),\varnothing} \oplus 2848V^{(2),(1)} \oplus 187V^{(2),(1,1)} \oplus 3229V^{(1,1),\varnothing} \oplus 2976V^{(1,1),(1)} \oplus 195V^{(1,1),(1,1)} \oplus 376V^{(3),\varnothing} \oplus 34V^{(3),(1)} \oplus 742V^{(2,1),\varnothing} \oplus 43V^{(2,1),(1)} \oplus 794V^{(1,1,1),\varnothing} \oplus 45V^{(1,1,1),(1)} \oplus 4V^{(3,1),\varnothing} \oplus 6V^{(2,1,1),\varnothing} \oplus 6V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 4455V^{\varnothing,\varnothing} \oplus 4605V^{\varnothing,(1)} \oplus 2040V^{\varnothing,(1,1)} \oplus 820V^{\varnothing,(1,1,1)} \oplus 264V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(1,1,1,1,1)} \oplus 5065V^{(1),\varnothing} \oplus 14608V^{(1),(1)} \oplus 5082V^{(1),(1,1)} \oplus 1160V^{(1),(1,1,1)} \oplus 27V^{(1),(1,1,1,1)} \oplus 2256V^{(2),\varnothing} \oplus 4938V^{(2),(1)} \oplus 1036V^{(2),(1,1)} \oplus 67V^{(2),(1,1,1)} \oplus 2336V^{(1,1),\varnothing} \oplus 5082V^{(1,1),(1)} \oplus 1092V^{(1,1),(1,1)} \oplus 75V^{(1,1),(1,1,1)} \oplus 509V^{(3),\varnothing} \oplus 928V^{(3),(1)} \oplus 34V^{(3),(1,1)} \oplus 1009V^{(2,1),\varnothing} \oplus 1096V^{(2,1),(1)} \oplus 43V^{(2,1),(1,1)} \oplus 1059V^{(1,1,1),\varnothing} \oplus 1136V^{(1,1,1),(1)} \oplus 45V^{(1,1,1),(1,1)} \oplus 182V^{(3,1),\varnothing} \oplus 10V^{(3,1),(1)} \oplus 360V^{(2,1,1),\varnothing} \oplus 13V^{(2,1,1),(1)} \oplus 360V^{(1,1,1,1),\varnothing} \oplus 13V^{(1,1,1,1),(1)} \oplus 3V^{(3,1,1),\varnothing} \oplus 4V^{(2,1,1,1),\varnothing} \oplus 3V^{(1,1,1,1,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 1710V^{\varnothing,(1)} \oplus 993V^{\varnothing,(1,1)} \oplus 500V^{\varnothing,(1,1,1)} \oplus 240V^{\varnothing,(1,1,1,1)} \oplus 106V^{\varnothing,(1,1,1,1,1)} \oplus V^{\varnothing,(1,1,1,1,1,1)} \oplus 1446V^{(1),\varnothing} \oplus 10580V^{(1),(1)} \oplus 4352V^{(1),(1,1)} \oplus 1758V^{(1),(1,1,1)} \oplus 468V^{(1),(1,1,1,1)} \oplus 9V^{(1),(1,1,1,1,1)} \oplus 941V^{(2),\varnothing} \oplus 4304V^{(2),(1)} \oplus 1670V^{(2),(1,1)} \oplus 396V^{(2),(1,1,1)} \oplus 19V^{(2),(1,1,1,1)} \oplus 941V^{(1,1),\varnothing} \oplus 4352V^{(1,1),(1)} \oplus 1718V^{(1,1),(1,1)} \oplus 424V^{(1,1),(1,1,1)} \oplus 27V^{(1,1),(1,1,1,1)} \oplus 264V^{(3),\varnothing} \oplus 1536V^{(3),(1)} \oplus 328V^{(3),(1,1)} \oplus 34V^{(3),(1,1,1)} \oplus 524V^{(2,1),\varnothing} \oplus 1722V^{(2,1),(1)} \oplus 396V^{(2,1),(1,1)} \oplus 43V^{(2,1),(1,1,1)} \oplus 524V^{(1,1,1),\varnothing} \oplus 1758V^{(1,1,1),(1)} \oplus 412V^{(1,1,1),(1,1)} \oplus 45V^{(1,1,1),(1,1,1)} \oplus 153V^{(3,1),\varnothing} \oplus 376V^{(3,1),(1)} \oplus 10V^{(3,1),(1,1)} \oplus 303V^{(2,1,1),\varnothing} \oplus 448V^{(2,1,1),(1)} \oplus 13V^{(2,1,1),(1,1)} \oplus 303V^{(1,1,1,1),\varnothing} \oplus 448V^{(1,1,1,1),(1)} \oplus 13V^{(1,1,1,1),(1,1)} \oplus 78V^{(3,1,1),\varnothing} \oplus 4V^{(3,1,1),(1)} \oplus 154V^{(2,1,1,1),\varnothing} \oplus 5V^{(2,1,1,1),(1)} \oplus 78V^{(1,1,1,1,1),\varnothing} \oplus 4V^{(1,1,1,1,1),(1)} \oplus 2V^{(3,1,1,1),\varnothing} \oplus 2V^{(2,1,1,1,1),\varnothing}$
$k = 7: \quad 225V^{\varnothing,(1)} \oplus 165V^{\varnothing,(1,1)} \oplus 105V^{\varnothing,(1,1,1)} \oplus 60V^{\varnothing,(1,1,1,1)} \oplus 30V^{\varnothing,(1,1,1,1,1)} \oplus 15V^{\varnothing,(1,1,1,1,1,1)} \oplus V^{(1),\varnothing} \oplus 4560V^{(1),(1)} \oplus 2580V^{(1),(1,1)} \oplus 1200V^{(1),(1,1,1)} \oplus 550V^{(1),(1,1,1,1)} \oplus 204V^{(1),(1,1,1,1,1)} \oplus 3V^{(1),(1,1,1,1,1,1)} \oplus V^{(2),\varnothing} \oplus 2580V^{(2),(1)} \oplus 1304V^{(2),(1,1)} \oplus 582V^{(2),(1,1,1)} \oplus 160V^{(2),(1,1,1,1)} \oplus 7V^{(2),(1,1,1,1,1)} \oplus V^{(1,1),\varnothing} \oplus 2580V^{(1,1),(1)} \oplus 1316V^{(1,1),(1,1)} \oplus 594V^{(1,1),(1,1,1)} \oplus 168V^{(1,1),(1,1,1,1)} \oplus 9V^{(1,1),(1,1,1,1,1)} \oplus V^{(3),\varnothing} \oplus 1120V^{(3),(1)} \oplus 516V^{(3),(1,1)} \oplus 130V^{(3),(1,1,1)} \oplus 10V^{(3),(1,1,1,1)} \oplus V^{(2,1),\varnothing} \oplus 1200V^{(2,1),(1)} \oplus 582V^{(2,1),(1,1)} \oplus 160V^{(2,1),(1,1,1)} \oplus 19V^{(2,1),(1,1,1,1)} \oplus V^{(1,1,1),\varnothing} \oplus 1200V^{(1,1,1),(1)} \oplus 594V^{(1,1,1),(1,1)} \oplus 168V^{(1,1,1),(1,1,1)} \oplus 21V^{(1,1,1),(1,1,1,1)} \oplus V^{(3,1),\varnothing} \oplus 500V^{(3,1),(1)} \oplus 132V^{(3,1),(1,1)} \oplus 10V^{(3,1),(1,1,1)} \oplus V^{(2,1,1),\varnothing} \oplus 550V^{(2,1,1),(1)} \oplus 160V^{(2,1,1),(1,1)} \oplus 13V^{(2,1,1),(1,1,1)} \oplus V^{(1,1,1,1),\varnothing} \oplus 550V^{(1,1,1,1),(1)} \oplus 160V^{(1,1,1,1),(1,1)} \oplus 13V^{(1,1,1,1),(1,1,1)} \oplus V^{(3,1,1),\varnothing} \oplus 178V^{(3,1,1),(1)} \oplus 4V^{(3,1,1),(1,1)} \oplus V^{(2,1,1,1),\varnothing} \oplus 204V^{(2,1,1,1),(1)} \oplus 5V^{(2,1,1,1),(1,1)} \oplus V^{(1,1,1,1,1),\varnothing} \oplus 178V^{(1,1,1,1,1),(1)} \oplus 4V^{(1,1,1,1,1),(1,1)} \oplus V^{(3,1,1,1),\varnothing} \oplus 2V^{(3,1,1,1),(1)} \oplus V^{(2,1,1,1,1),\varnothing} \oplus 2V^{(2,1,1,1,1),(1)} \oplus V^{(3,1,1,1,1),\varnothing}$
$k = 6: \quad 720V^{(1),(1)} \oplus 720V^{(1),(1,1)} \oplus 468V^{(1),(1,1,1)} \oplus 260V^{(1),(1,1,1,1)} \oplus 150V^{(1),(1,1,1,1,1)} \oplus 76V^{(1),(1,1,1,1,1,1)} \oplus V^{(1),(1,1,1,1,1,1,1)} \oplus 720V^{(2),(1)} \oplus 648V^{(2),(1,1)} \oplus 368V^{(2),(1,1,1)} \oplus 186V^{(2),(1,1,1,1)} \oplus 72V^{(2),(1,1,1,1,1)} \oplus 3V^{(2),(1,1,1,1,1,1)} \oplus 720V^{(1,1),(1)} \oplus 648V^{(1,1),(1,1)} \oplus 368V^{(1,1),(1,1,1)} \oplus 186V^{(1,1),(1,1,1,1)} \oplus 72V^{(1,1),(1,1,1,1,1)} \oplus 3V^{(1,1),(1,1,1,1,1,1)} \oplus 468V^{(3),(1)} \oplus 344V^{(3),(1,1)} \oplus 184V^{(3),(1,1,1)} \oplus 52V^{(3),(1,1,1,1)} \oplus$

Table 166: Table for $\lambda = (2,2,2,1)$, $\mu = (7,)$:

$k = 14: \quad 2V^{\varnothing,\varnothing}$
$k = 13: \quad 6466V^{\varnothing,\varnothing} \oplus 169V^{\varnothing,(1)} \oplus 12V^{(1),\varnothing}$
$k = 12:$ $12514V^{\varnothing,\varnothing} \oplus 3954V^{\varnothing,(1)} \oplus 63V^{\varnothing,(2)} \oplus 4688V^{(1),\varnothing} \oplus 1033V^{(1),(1)} \oplus 8V^{(2),\varnothing} \oplus 10V^{(1,1),\varnothing}$
$k = 11: \quad 12836V^{\varnothing,\varnothing} \oplus 7104V^{\varnothing,(1)} \oplus 1488V^{\varnothing,(2)} \oplus 22V^{\varnothing,(3)} \oplus 8649V^{(1),\varnothing} \oplus 8248V^{(1),(1)} \oplus$ $313V^{(1),(2)} \oplus 1042V^{(2),\varnothing} \oplus 186V^{(2),(1)} \oplus 1906V^{(1,1),\varnothing} \oplus 189V^{(1,1),(1)} \oplus 7V^{(2,1),\varnothing} \oplus 7V^{(1,1,1),\varnothing}$
$k = 10: \quad 9836V^{\varnothing,\varnothing} \oplus 6148V^{\varnothing,(1)} \oplus 2440V^{\varnothing,(2)} \oplus 598V^{\varnothing,(3)} \oplus 8V^{\varnothing,(4)} \oplus 7904V^{(1),\varnothing} \oplus$ $14818V^{(1),(1)} \oplus 2896V^{(1),(2)} \oplus 73V^{(1),(3)} \oplus 1711V^{(2),\varnothing} \oplus 2588V^{(2),(1)} \oplus 186V^{(2),(2)} \oplus$ $3211V^{(1,1),\varnothing} \oplus 2928V^{(1,1),(1)} \oplus 189V^{(1,1),(2)} \oplus 742V^{(2,1),\varnothing} \oplus 43V^{(2,1),(1)} \oplus$ $742V^{(1,1,1),\varnothing} \oplus 43V^{(1,1,1),(1)} \oplus 4V^{(2,2),\varnothing} \oplus 5V^{(2,1,1),\varnothing} \oplus 3V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 4440V^{\varnothing,\varnothing} \oplus 4316V^{\varnothing,(1)} \oplus 1760V^{\varnothing,(2)} \oplus 802V^{\varnothing,(3)} \oplus 260V^{\varnothing,(4)} \oplus 3V^{\varnothing,(5)} \oplus$ $4945V^{(1),\varnothing} \oplus 14416V^{(1),(1)} \oplus 4974V^{(1),(2)} \oplus 1120V^{(1),(3)} \oplus 25V^{(1),(4)} \oplus 1216V^{(2),\varnothing} \oplus$ $4488V^{(2),(1)} \oplus 936V^{(2),(2)} \oplus 66V^{(2),(3)} \oplus 2336V^{(1,1),\varnothing} \oplus 5046V^{(1,1),(1)} \oplus 1068V^{(1,1),(2)} \oplus$ $69V^{(1,1),(3)} \oplus 1009V^{(2,1),\varnothing} \oplus 1096V^{(2,1),(1)} \oplus 43V^{(2,1),(2)} \oplus 1009V^{(1,1,1),\varnothing} \oplus$ $1096V^{(1,1,1),(1)} \oplus 43V^{(1,1,1),(2)} \oplus 208V^{(2,2),\varnothing} \oplus 12V^{(2,2),(1)} \oplus 360V^{(2,1,1),\varnothing} \oplus$ $13V^{(2,1,1),(1)} \oplus 182V^{(1,1,1,1),\varnothing} \oplus 10V^{(1,1,1,1),(1)} \oplus 3V^{(2,2,1),\varnothing} \oplus 2V^{(2,1,1,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 1476V^{\varnothing,(1)} \oplus 888V^{\varnothing,(2)} \oplus 428V^{\varnothing,(3)} \oplus 234V^{\varnothing,(4)} \oplus 104V^{\varnothing,(5)} \oplus$ $V^{\varnothing,(6)} \oplus 1446V^{(1),\varnothing} \oplus 10532V^{(1),(1)} \oplus 4304V^{(1),(2)} \oplus 1722V^{(1),(3)} \oplus 448V^{(1),(4)} \oplus$ $7V^{(1),(5)} \oplus 473V^{(2),\varnothing} \oplus 3984V^{(2),(1)} \oplus 1508V^{(2),(2)} \oplus 356V^{(2),(3)} \oplus 18V^{(2),(4)} \oplus$ $941V^{(1,1),\varnothing} \oplus 4352V^{(1,1),(1)} \oplus 1706V^{(1,1),(2)} \oplus 412V^{(1,1),(3)} \oplus 21V^{(1,1),(4)} \oplus 524V^{(2,1),\varnothing} \oplus$ $1722V^{(2,1),(1)} \oplus 396V^{(2,1),(2)} \oplus 43V^{(2,1),(3)} \oplus 524V^{(1,1,1),\varnothing} \oplus 1722V^{(1,1,1),(1)} \oplus$ $396V^{(1,1,1),(2)} \oplus 43V^{(1,1,1),(3)} \oplus 153V^{(2,2),\varnothing} \oplus 396V^{(2,2),(1)} \oplus 12V^{(2,2),(2)} \oplus 303V^{(2,1,1),\varnothing} \oplus$ $448V^{(2,1,1),(1)} \oplus 13V^{(2,1,1),(2)} \oplus 153V^{(1,1,1,1),\varnothing} \oplus 376V^{(1,1,1,1),(1)} \oplus 10V^{(1,1,1,1),(2)} \oplus$ $154V^{(2,2,1),\varnothing} \oplus 5V^{(2,2,1),(1)} \oplus 78V^{(2,1,1,1),\varnothing} \oplus 4V^{(2,1,1,1),(1)} \oplus V^{(2,2,2),\varnothing} \oplus V^{(2,2,1,1),\varnothing}$
$k = 7: \quad 196V^{\varnothing,(1)} \oplus 126V^{\varnothing,(2)} \oplus 84V^{\varnothing,(3)} \oplus 42V^{\varnothing,(4)} \oplus 28V^{\varnothing,(5)} \oplus 14V^{\varnothing,(6)} \oplus V^{(1),\varnothing} \oplus$ $4560V^{(1),(1)} \oplus 2580V^{(1),(2)} \oplus 1200V^{(1),(3)} \oplus 550V^{(1),(4)} \oplus 204V^{(1),(5)} \oplus 3V^{(1),(6)} \oplus V^{(2),\varnothing} \oplus$ $2460V^{(2),(1)} \oplus 1208V^{(2),(2)} \oplus 528V^{(2),(3)} \oplus 140V^{(2),(4)} \oplus 6V^{(2),(5)} \oplus V^{(1,1),\varnothing} \oplus 2580V^{(1,1),(1)} \oplus$ $1316V^{(1,1),(2)} \oplus 594V^{(1,1),(3)} \oplus 168V^{(1,1),(4)} \oplus 9V^{(1,1),(5)} \oplus V^{(2,1),\varnothing} \oplus 1200V^{(2,1),(1)} \oplus$ $582V^{(2,1),(2)} \oplus 160V^{(2,1),(3)} \oplus 19V^{(2,1),(4)} \oplus V^{(1,1,1),\varnothing} \oplus 1200V^{(1,1,1),(1)} \oplus 582V^{(1,1,1),(2)} \oplus$ $160V^{(1,1,1),(3)} \oplus 19V^{(1,1,1),(4)} \oplus V^{(2,2),\varnothing} \oplus 500V^{(2,2),(1)} \oplus 140V^{(2,2),(2)} \oplus 12V^{(2,2),(3)} \oplus$ $V^{(2,1,1),\varnothing} \oplus 550V^{(2,1,1),(1)} \oplus 160V^{(2,1,1),(2)} \oplus 13V^{(2,1,1),(3)} \oplus V^{(1,1,1,1),\varnothing} \oplus 500V^{(1,1,1,1),(1)} \oplus$ $132V^{(1,1,1,1),(2)} \oplus 10V^{(1,1,1,1),(3)} \oplus V^{(2,2,1),\varnothing} \oplus 204V^{(2,2,1),(1)} \oplus 5V^{(2,2,1),(2)} \oplus V^{(2,1,1,1),\varnothing} \oplus$ $178V^{(2,1,1,1),(1)} \oplus 4V^{(2,1,1,1),(2)} \oplus V^{(2,2,2),\varnothing} \oplus 2V^{(2,2,2),(1)} \oplus V^{(2,2,1,1),\varnothing} \oplus 2V^{(2,2,1,1),(1)}$
$k = 6: \quad 720V^{(1),(1)} \oplus 720V^{(1),(2)} \oplus 468V^{(1),(3)} \oplus 260V^{(1),(4)} \oplus 150V^{(1),(5)} \oplus 76V^{(1),(6)} \oplus$ $V^{(1),(7)} \oplus 720V^{(2),(1)} \oplus 624V^{(2),(2)} \oplus 344V^{(2),(3)} \oplus 168V^{(2),(4)} \oplus 62V^{(2),(5)} \oplus 2V^{(2),(6)} \oplus$ $720V^{(1,1),(1)} \oplus 648V^{(1,1),(2)} \oplus 368V^{(1,1),(3)} \oplus 186V^{(1,1),(4)} \oplus 72V^{(1,1),(5)} \oplus 3V^{(1,1),(6)} \oplus$ $468V^{(2,1),(1)} \oplus 368V^{(2,1),(2)} \oplus 206V^{(2,1),(3)} \oplus 64V^{(2,1),(4)} \oplus 7V^{(2,1),(5)} \oplus 468V^{(1,1,1),(1)} \oplus$ $368V^{(1,1,1),(2)} \oplus 206V^{(1,1,1),(3)} \oplus 64V^{(1,1,1),(4)} \oplus 7V^{(1,1,1),(5)} \oplus 260V^{(2,2),(1)} \oplus$ $168V^{(2,2),(2)} \oplus 56V^{(2,2),(3)} \oplus 12V^{(2,2),(4)} \oplus 260V^{(2,1,1),(1)} \oplus 186V^{(2,1,1),(2)} \oplus 64V^{(2,1,1),(3)} \oplus$ $13V^{(2,1,1),(4)} \oplus 260V^{(1,1,1,1),(1)} \oplus 168V^{(1,1,1,1),(2)} \oplus 52V^{(1,1,1,1),(3)} \oplus 10V^{(1,1,1,1),(4)} \oplus$ $150V^{(2,2,1),(1)} \oplus 72V^{(2,2,1),(2)} \oplus 5V^{(2,2,1),(3)} \oplus 150V^{(2,1,1,1),(1)} \oplus 62V^{(2,1,1,1),(2)} \oplus$ $4V^{(2,1,1,1),(3)} \oplus 76V^{(2,2,2),(1)} \oplus 2V^{(2,2,2),(2)} \oplus 76V^{(2,2,1,1),(1)} \oplus 2V^{(2,2,1,1),(2)} \oplus V^{(2,2,2,1),(1)}$
$k = 5: \quad 120V^{(2),(2)} \oplus 120V^{(2),(3)} \oplus 80V^{(2),(4)} \oplus 50V^{(2),(5)} \oplus 26V^{(2),(6)} \oplus V^{(2),(7)} \oplus$ $120V^{(1,1),(2)} \oplus 120V^{(1,1),(3)} \oplus 80V^{(1,1),(4)} \oplus 50V^{(1,1),(5)} \oplus 26V^{(1,1),(6)} \oplus V^{(1,1),(7)} \oplus$ $120V^{(2,1),(2)} \oplus 108V^{(2,1),(3)} \oplus 66V^{(2,1),(4)} \oplus 28V^{(2,1),(5)} \oplus 3V^{(2,1),(6)} \oplus 120V^{(1,1,1),(2)} \oplus$ $108V^{(1,1,1),(3)} \oplus 66V^{(1,1,1),(4)} \oplus 28V^{(1,1,1),(5)} \oplus 3V^{(1,1,1),(6)} \oplus 80V^{(2,2),(2)} \oplus 60V^{(2,2),(3)} \oplus$

Table 167: Table for $\lambda = (2,2,2,1)$, $\mu = (6,1)$:

$k = 14: \quad 7V^{\varnothing,\varnothing}$
$k = 13: \quad 7612V^{\varnothing,\varnothing} \oplus 232V^{\varnothing,(1)} \oplus 101V^{(1),\varnothing}$
$k = 12: \quad 14566V^{\varnothing,\varnothing} \oplus 6844V^{\varnothing,(1)} \oplus 85V^{\varnothing,(2)} \oplus 63V^{\varnothing,(1,1)} \oplus 6276V^{(1),\varnothing} \oplus 1345V^{(1),(1)} \oplus 52V^{(2),\varnothing} \oplus 55V^{(1,1),\varnothing}$
$k = 11: \quad 14392V^{\varnothing,\varnothing} \oplus 12108V^{\varnothing,(1)} \oplus 2612V^{\varnothing,(2)} \oplus 1488V^{\varnothing,(1,1)} \oplus 30V^{\varnothing,(3)} \oplus 22V^{\varnothing,(2,1)} \oplus 11130V^{(1),\varnothing} \oplus 10720V^{(1),(1)} \oplus 385V^{(1),(2)} \oplus 313V^{(1),(1,1)} \oplus 1612V^{(2),\varnothing} \oplus 371V^{(2),(1)} \oplus 2580V^{(1,1),\varnothing} \oplus 377V^{(1,1),(1)} \oplus 26V^{(2,1),\varnothing} \oplus 26V^{(1,1,1),\varnothing}$
$k = 10: \quad 10532V^{\varnothing,\varnothing} \oplus 10476V^{\varnothing,(1)} \oplus 4180V^{\varnothing,(2)} \oplus 2440V^{\varnothing,(1,1)} \oplus 1056V^{\varnothing,(3)} \oplus 598V^{\varnothing,(2,1)} \oplus 11V^{\varnothing,(4)} \oplus 8V^{\varnothing,(3,1)} \oplus 9556V^{(1),\varnothing} \oplus 18386V^{(1),(1)} \oplus 3816V^{(1),(2)} \oplus 2896V^{(1),(1,1)} \oplus 97V^{(1),(3)} \oplus 73V^{(1),(2,1)} \oplus 2430V^{(2),\varnothing} \oplus 3200V^{(2),(1)} \oplus 251V^{(2),(2)} \oplus 186V^{(2),(1,1)} \oplus 4080V^{(1,1),\varnothing} \oplus 3880V^{(1,1),(1)} \oplus 257V^{(1,1),(2)} \oplus 189V^{(1,1),(1,1)} \oplus 976V^{(2,1),\varnothing} \oplus 85V^{(2,1),(1)} \oplus 976V^{(1,1,1),\varnothing} \oplus 85V^{(1,1,1),(1)} \oplus 10V^{(2,2),\varnothing} \oplus 11V^{(2,1,1),\varnothing} \oplus 8V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 4560V^{\varnothing,\varnothing} \oplus 6896V^{\varnothing,(1)} \oplus 2960V^{\varnothing,(2)} \oplus 1760V^{\varnothing,(1,1)} \oplus 1352V^{\varnothing,(3)} \oplus 802V^{\varnothing,(2,1)} \oplus 464V^{\varnothing,(4)} \oplus 260V^{\varnothing,(3,1)} \oplus 4V^{\varnothing,(5)} \oplus 3V^{\varnothing,(4,1)} \oplus 5640V^{(1),\varnothing} \oplus 17084V^{(1),(1)} \oplus 6198V^{(1),(2)} \oplus 4974V^{(1),(1,1)} \oplus 1480V^{(1),(3)} \oplus 1120V^{(1),(2,1)} \oplus 31V^{(1),(4)} \oplus 25V^{(1),(3,1)} \oplus 1600V^{(2),\varnothing} \oplus 5226V^{(2),(1)} \oplus 1196V^{(2),(2)} \oplus 936V^{(2),(1,1)} \oplus 83V^{(2),(3)} \oplus 66V^{(2),(2,1)} \oplus 2800V^{(1,1),\varnothing} \oplus 6342V^{(1,1),(1)} \oplus 1460V^{(1,1),(2)} \oplus 1068V^{(1,1),(1,1)} \oplus 89V^{(1,1),(3)} \oplus 69V^{(1,1),(2,1)} \oplus 1208V^{(2,1),\varnothing} \oplus 1432V^{(2,1),(1)} \oplus 85V^{(2,1),(2)} \oplus 43V^{(2,1),(1,1)} \oplus 1208V^{(1,1,1),\varnothing} \oplus 1432V^{(1,1,1),(1)} \oplus 85V^{(1,1,1),(2)} \oplus 43V^{(1,1,1),(1,1)} \oplus 280V^{(2,2),\varnothing} \oplus 23V^{(2,2),(1)} \oplus 432V^{(2,1,1),\varnothing} \oplus 25V^{(2,1,1),(1)} \oplus 228V^{(1,1,1,1),\varnothing} \oplus 19V^{(1,1,1,1),(1)} \oplus 4V^{(2,2,1),\varnothing} \oplus 3V^{(2,1,1,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 2196V^{\varnothing,(1)} \oplus 1356V^{\varnothing,(2)} \oplus 888V^{\varnothing,(1,1)} \oplus 688V^{\varnothing,(3)} \oplus 428V^{\varnothing,(2,1)} \oplus 384V^{\varnothing,(4)} \oplus 234V^{\varnothing,(3,1)} \oplus 180V^{\varnothing,(5)} \oplus 104V^{\varnothing,(4,1)} \oplus V^{\varnothing,(6)} \oplus V^{\varnothing,(5,1)} \oplus 1620V^{(1),\varnothing} \oplus 11828V^{(1),(1)} \oplus 5040V^{(1),(2)} \oplus 4304V^{(1),(1,1)} \oplus 2094V^{(1),(3)} \oplus 1722V^{(1),(2,1)} \oplus 592V^{(1),(4)} \oplus 448V^{(1),(3,1)} \oplus 9V^{(1),(5)} \oplus 7V^{(1),(4,1)} \oplus 588V^{(2),\varnothing} \oplus 4400V^{(2),(1)} \oplus 1766V^{(2),(2)} \oplus 1508V^{(2),(1,1)} \oplus 452V^{(2),(3)} \oplus 356V^{(2),(2,1)} \oplus 23V^{(2),(4)} \oplus 18V^{(2),(3,1)} \oplus 1056V^{(1,1),\varnothing} \oplus 5136V^{(1,1),(1)} \oplus 2162V^{(1,1),(2)} \oplus 1706V^{(1,1),(1,1)} \oplus 564V^{(1,1),(3)} \oplus 412V^{(1,1),(2,1)} \oplus 29V^{(1,1),(4)} \oplus 21V^{(1,1),(3,1)} \oplus 592V^{(2,1),\varnothing} \oplus 2094V^{(2,1),(1)} \oplus 532V^{(2,1),(2)} \oplus 396V^{(2,1),(1,1)} \oplus 61V^{(2,1),(3)} \oplus 43V^{(2,1),(2,1)} \oplus 592V^{(1,1,1),\varnothing} \oplus 2094V^{(1,1,1),(1)} \oplus 532V^{(1,1,1),(2)} \oplus 396V^{(1,1,1),(1,1)} \oplus 61V^{(1,1,1),(3)} \oplus 43V^{(1,1,1),(2,1)} \oplus 186V^{(2,2),\varnothing} \oplus 488V^{(2,2),(1)} \oplus 23V^{(2,2),(2)} \oplus 12V^{(2,2),(1,1)} \oplus 336V^{(2,1,1),\varnothing} \oplus 592V^{(2,1,1),(1)} \oplus 25V^{(2,1,1),(2)} \oplus 13V^{(2,1,1),(1,1)} \oplus 186V^{(1,1,1,1),\varnothing} \oplus 448V^{(1,1,1,1),(1)} \oplus 19V^{(1,1,1,1),(2)} \oplus 10V^{(1,1,1,1),(1,1)} \oplus 164V^{(2,2,1),\varnothing} \oplus 9V^{(2,2,1),(1)} \oplus 88V^{(2,1,1,1),\varnothing} \oplus 7V^{(2,1,1,1),(1)} \oplus V^{(2,2,2),\varnothing} \oplus V^{(2,2,1,1),\varnothing}$
$k = 7: \quad 196V^{\varnothing,(1)} \oplus 126V^{\varnothing,(2)} \oplus 126V^{\varnothing,(1,1)} \oplus 84V^{\varnothing,(3)} \oplus 84V^{\varnothing,(2,1)} \oplus 42V^{\varnothing,(4)} \oplus 42V^{\varnothing,(3,1)} \oplus 28V^{\varnothing,(5)} \oplus 28V^{\varnothing,(4,1)} \oplus 14V^{\varnothing,(6)} \oplus 14V^{\varnothing,(5,1)} \oplus 36V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2580V^{(1),(1,1)} \oplus 1360V^{(1),(3)} \oplus 1200V^{(1),(2,1)} \oplus 650V^{(1),(4)} \oplus 550V^{(1),(3,1)} \oplus 256V^{(1),(5)} \oplus 204V^{(1),(4,1)} \oplus 3V^{(1),(6)} \oplus 3V^{(1),(5,1)} \oplus 30V^{(2),\varnothing} \oplus 2580V^{(2),(1)} \oplus 1328V^{(2),(2)} \oplus 1208V^{(2),(1,1)} \oplus 606V^{(2),(3)} \oplus 528V^{(2),(2,1)} \oplus 176V^{(2),(4)} \oplus 140V^{(2),(3,1)} \oplus 7V^{(2),(5)} \oplus 6V^{(2),(4,1)} \oplus 30V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1544V^{(1,1),(2)} \oplus 1316V^{(1,1),(1,1)} \oplus 738V^{(1,1),(3)} \oplus 594V^{(1,1),(2,1)} \oplus 232V^{(1,1),(4)} \oplus 168V^{(1,1),(3,1)} \oplus 11V^{(1,1),(5)} \oplus 9V^{(1,1),(4,1)} \oplus 24V^{(2,1),\varnothing} \oplus 1360V^{(2,1),(1)} \oplus 714V^{(2,1),(2)} \oplus 582V^{(2,1),(1,1)} \oplus 220V^{(2,1),(3)} \oplus 160V^{(2,1),(2,1)} \oplus 25V^{(2,1),(4)} \oplus 19V^{(2,1),(3,1)} \oplus 24V^{(1,1,1),\varnothing} \oplus 1360V^{(1,1,1),(1)} \oplus 714V^{(1,1,1),(2)} \oplus 582V^{(1,1,1),(1,1)} \oplus 220V^{(1,1,1),(3)} \oplus 160V^{(1,1,1),(2,1)} \oplus 25V^{(1,1,1),(4)} \oplus 19V^{(1,1,1),(3,1)} \oplus 18V^{(2,2),\varnothing} \oplus 550V^{(2,2),(1)} \oplus 176V^{(2,2),(2)} \oplus 140V^{(2,2),(1,1)} \oplus 23V^{(2,2),(3)} \oplus 12V^{(2,2),(2,1)} \oplus 18V^{(2,1,1),\varnothing} \oplus 650V^{(2,1,1),(1)} \oplus 216V^{(2,1,1),(2)} \oplus 160V^{(2,1,1),(1,1)} \oplus 25V^{(2,1,1),(3)} \oplus 13V^{(2,1,1),(2,1)} \oplus 18V^{(1,1,1,1),\varnothing} \oplus 550V^{(1,1,1,1),(1)} \oplus 160V^{(1,1,1,1),(2)} \oplus 132V^{(1,1,1,1),(1,1)} \oplus 19V^{(1,1,1,1),(3)} \oplus 10V^{(1,1,1,1),(2,1)} \oplus 12V^{(2,2,1),\varnothing} \oplus 256V^{(2,2,1),(1)} \oplus 9V^{(2,2,1),(2)} \oplus 5V^{(2,2,1),(1,1)} \oplus 12V^{(2,1,1,1),\varnothing} \oplus 204V^{(2,1,1,1),(1)} \oplus 7V^{(2,1,1,1),(2)} \oplus 4V^{(2,1,1,1),(1,1)} \oplus 6V^{(2,2,2),\varnothing} \oplus 3V^{(2,2,2),(1)} \oplus 6V^{(2,2,1,1),\varnothing} \oplus 3V^{(2,2,1,1),(1)}$

Table 168: Table for $\lambda = (2,2,2,1)$, $\mu = (5,2)$:

$k = 14: \quad 11V^{\varnothing,\varnothing}$
$k = 13: \quad 7788V^{\varnothing,\varnothing} \oplus 251V^{\varnothing,(1)} \oplus 239V^{(1),\varnothing}$
$k = 12: \quad 14862V^{\varnothing,\varnothing} \oplus 7156V^{\varnothing,(1)} \oplus 92V^{\varnothing,(2)} \oplus 84V^{\varnothing,(1,1)} \oplus 7048V^{(1),\varnothing} \oplus 1411V^{(1),(1)} \oplus 85V^{(2),\varnothing} \oplus 88V^{(1,1),\varnothing}$
$k = 11: \quad 14528V^{\varnothing,\varnothing} \oplus 12462V^{\varnothing,(1)} \oplus 2920V^{\varnothing,(2)} \oplus 1852V^{\varnothing,(1,1)} \oplus 32V^{\varnothing,(3)} \oplus 30V^{\varnothing,(2,1)} \oplus 12378V^{(1),\varnothing} \oplus 11200V^{(1),(1)} \oplus 407V^{(1),(2)} \oplus 383V^{(1),(1,1)} \oplus 1852V^{(2),\varnothing} \oplus 431V^{(2),(1)} \oplus 2820V^{(1,1),\varnothing} \oplus 437V^{(1,1),(1)} \oplus 30V^{(2,1),\varnothing} \oplus 30V^{(1,1,1),\varnothing}$
$k = 10:$ $10728V^{\varnothing,\varnothing} \oplus 10596V^{\varnothing,(1)} \oplus 4570V^{\varnothing,(2)} \oplus 2830V^{\varnothing,(1,1)} \oplus 1160V^{\varnothing,(3)} \oplus 1056V^{\varnothing,(2,1)} \oplus 11V^{\varnothing,(4)} \oplus 11V^{\varnothing,(3,1)} \oplus 8V^{\varnothing,(2,2)} \oplus 10596V^{(1),\varnothing} \oplus 18806V^{(1),(1)} \oplus 4120V^{(1),(2)} \oplus 3296V^{(1),(1,1)} \oplus 101V^{(1),(3)} \oplus 97V^{(1),(2,1)} \oplus 2830V^{(2),\varnothing} \oplus 3392V^{(2),(1)} \oplus 267V^{(2),(2)} \oplus 250V^{(2),(1,1)} \oplus 4480V^{(1,1),\varnothing} \oplus 4072V^{(1,1),(1)} \oplus 275V^{(1,1),(2)} \oplus 255V^{(1,1),(1,1)} \oplus 1056V^{(2,1),\varnothing} \oplus 121V^{(2,1),(1)} \oplus 1056V^{(1,1,1),\varnothing} \oplus 121V^{(1,1,1),(1)} \oplus 10V^{(2,2),\varnothing} \oplus 11V^{(2,1,1),\varnothing} \oplus 8V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 4560V^{\varnothing,\varnothing} \oplus 6896V^{\varnothing,(1)} \oplus 3120V^{\varnothing,(2)} \oplus 1920V^{\varnothing,(1,1)} \oplus 1452V^{\varnothing,(3)} \oplus 1352V^{\varnothing,(2,1)} \oplus 464V^{\varnothing,(4)} \oplus 464V^{\varnothing,(3,1)} \oplus 260V^{\varnothing,(2,2)} \oplus 3V^{\varnothing,(5)} \oplus 4V^{\varnothing,(4,1)} \oplus 3V^{\varnothing,(3,2)} \oplus 6896V^{(1),\varnothing} \oplus 17192V^{(1),(1)} \oplus 6522V^{(1),(2)} \oplus 5298V^{(1),(1,1)} \oplus 1560V^{(1),(3)} \oplus 1480V^{(1),(2,1)} \oplus 31V^{(1),(4)} \oplus 31V^{(1),(3,1)} \oplus 25V^{(1),(2,2)} \oplus 1920V^{(2),\varnothing} \oplus 5298V^{(2),(1)} \oplus 1308V^{(2),(2)} \oplus 1096V^{(2),(1,1)} \oplus 87V^{(2),(3)} \oplus 83V^{(2),(2,1)} \oplus 3120V^{(1,1),\varnothing} \oplus 6414V^{(1,1),(1)} \oplus 1604V^{(1,1),(2)} \oplus 1260V^{(1,1),(1,1)} \oplus 95V^{(1,1),(3)} \oplus 89V^{(1,1),(2,1)} \oplus 1352V^{(2,1),\varnothing} \oplus 1480V^{(2,1),(1)} \oplus 101V^{(2,1),(2)} \oplus 83V^{(2,1),(1,1)} \oplus 1352V^{(1,1,1),\varnothing} \oplus 1480V^{(1,1,1),(1)} \oplus 101V^{(1,1,1),(2)} \oplus 83V^{(1,1,1),(1,1)} \oplus 312V^{(2,2),\varnothing} \oplus 29V^{(2,2),(1)} \oplus 464V^{(2,1,1),\varnothing} \oplus 31V^{(2,1,1),(1)} \oplus 260V^{(1,1,1,1),\varnothing} \oplus 25V^{(1,1,1,1),(1)} \oplus 4V^{(2,2,1),\varnothing} \oplus 3V^{(2,1,1,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 2196V^{\varnothing,(1)} \oplus 1356V^{\varnothing,(2)} \oplus 888V^{\varnothing,(1,1)} \oplus 688V^{\varnothing,(3)} \oplus 688V^{\varnothing,(2,1)} \oplus 384V^{\varnothing,(4)} \oplus 384V^{\varnothing,(3,1)} \oplus 234V^{\varnothing,(2,2)} \oplus 104V^{\varnothing,(5)} \oplus 180V^{\varnothing,(4,1)} \oplus 104V^{\varnothing,(3,2)} \oplus V^{\varnothing,(5,1)} \oplus V^{\varnothing,(4,2)} \oplus 2280V^{(1),\varnothing} \oplus 11828V^{(1),(1)} \oplus 5136V^{(1),(2)} \oplus 4400V^{(1),(1,1)} \oplus 2166V^{(1),(3)} \oplus 2094V^{(1),(2,1)} \oplus 592V^{(1),(4)} \oplus 592V^{(1),(3,1)} \oplus 448V^{(1),(2,2)} \oplus 7V^{(1),(5)} \oplus 9V^{(1),(4,1)} \oplus 7V^{(1),(3,2)} \oplus 888V^{(2),\varnothing} \oplus 4400V^{(2),(1)} \oplus 1862V^{(2),(2)} \oplus 1604V^{(2),(1,1)} \oplus 484V^{(2),(3)} \oplus 452V^{(2),(2,1)} \oplus 23V^{(2),(4)} \oplus 23V^{(2),(3,1)} \oplus 18V^{(2),(2,2)} \oplus 1356V^{(1,1),\varnothing} \oplus 5136V^{(1,1),(1)} \oplus 2294V^{(1,1),(2)} \oplus 1838V^{(1,1),(1,1)} \oplus 612V^{(1,1),(3)} \oplus 564V^{(1,1),(2,1)} \oplus 29V^{(1,1),(4)} \oplus 29V^{(1,1),(3,1)} \oplus 21V^{(1,1),(2,2)} \oplus 688V^{(2,1),\varnothing} \oplus 2094V^{(2,1),(1)} \oplus 588V^{(2,1),(2)} \oplus 452V^{(2,1),(1,1)} \oplus 65V^{(2,1),(3)} \oplus 61V^{(2,1),(2,1)} \oplus 688V^{(1,1,1),\varnothing} \oplus 2094V^{(1,1,1),(1)} \oplus 588V^{(1,1,1),(2)} \oplus 452V^{(1,1,1),(1,1)} \oplus 65V^{(1,1,1),(3)} \oplus 61V^{(1,1,1),(2,1)} \oplus 234V^{(2,2),\varnothing} \oplus 488V^{(2,2),(1)} \oplus 33V^{(2,2),(2)} \oplus 22V^{(2,2),(1,1)} \oplus 384V^{(2,1,1),\varnothing} \oplus 592V^{(2,1,1),(1)} \oplus 35V^{(2,1,1),(2)} \oplus 23V^{(2,1,1),(1,1)} \oplus 234V^{(1,1,1,1),\varnothing} \oplus 448V^{(1,1,1,1),(1)} \oplus 27V^{(1,1,1,1),(2)} \oplus 18V^{(1,1,1,1),(1,1)} \oplus 180V^{(2,2,1),\varnothing} \oplus 9V^{(2,2,1),(1)} \oplus 104V^{(2,1,1,1),\varnothing} \oplus 7V^{(2,1,1,1),(1)} \oplus V^{(2,2,2),\varnothing} \oplus V^{(2,2,1,1),\varnothing}$
$k = 7: \quad 196V^{\varnothing,(1)} \oplus 126V^{\varnothing,(2)} \oplus 126V^{\varnothing,(1,1)} \oplus 84V^{\varnothing,(3)} \oplus 84V^{\varnothing,(2,1)} \oplus 42V^{\varnothing,(4)} \oplus 42V^{\varnothing,(3,1)} \oplus 42V^{\varnothing,(2,2)} \oplus 28V^{\varnothing,(5)} \oplus 28V^{\varnothing,(4,1)} \oplus 28V^{\varnothing,(3,2)} \oplus 14V^{\varnothing,(5,1)} \oplus 14V^{\varnothing,(4,2)} \oplus 196V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2580V^{(1),(1,1)} \oplus 1360V^{(1),(3)} \oplus 1360V^{(1),(2,1)} \oplus 650V^{(1),(4)} \oplus 650V^{(1),(3,1)} \oplus 550V^{(1),(2,2)} \oplus 204V^{(1),(5)} \oplus 256V^{(1),(4,1)} \oplus 204V^{(1),(3,2)} \oplus 3V^{(1),(5,1)} \oplus 3V^{(1),(4,2)} \oplus 140V^{(2),\varnothing} \oplus 2580V^{(2),(1)} \oplus 1352V^{(2),(2)} \oplus 1232V^{(2),(1,1)} \oplus 630V^{(2),(3)} \oplus 606V^{(2),(2,1)} \oplus 176V^{(2),(4)} \oplus 176V^{(2),(3,1)} \oplus 140V^{(2),(2,2)} \oplus 6V^{(2),(5)} \oplus 7V^{(2),(4,1)} \oplus 6V^{(2),(3,2)} \oplus 140V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1580V^{(1,1),(2)} \oplus 1352V^{(1,1),(1,1)} \oplus 774V^{(1,1),(3)} \oplus 738V^{(1,1),(2,1)} \oplus 232V^{(1,1),(4)} \oplus 232V^{(1,1),(3,1)} \oplus 168V^{(1,1),(2,2)} \oplus 9V^{(1,1),(5)} \oplus 11V^{(1,1),(4,1)} \oplus 9V^{(1,1),(3,2)} \oplus 84V^{(2,1),\varnothing} \oplus 1360V^{(2,1),(1)} \oplus 738V^{(2,1),(2)} \oplus 606V^{(2,1),(1,1)} \oplus 236V^{(2,1),(3)} \oplus 220V^{(2,1),(2,1)} \oplus 25V^{(2,1),(4)} \oplus 25V^{(2,1),(3,1)} \oplus 19V^{(2,1),(2,2)} \oplus 84V^{(1,1,1),\varnothing} \oplus 1360V^{(1,1,1),(1)} \oplus 738V^{(1,1,1),(2)} \oplus 606V^{(1,1,1),(1,1)} \oplus 236V^{(1,1,1),(3)} \oplus 220V^{(1,1,1),(2,1)} \oplus 25V^{(1,1,1),(4)} \oplus 25V^{(1,1,1),(3,1)} \oplus 19V^{(1,1,1),(2,2)} \oplus 42V^{(2,2),\varnothing} \oplus 550V^{(2,2),(1)} \oplus 192V^{(2,2),(2)} \oplus$

Table 169: Table for $\lambda = (2,2,2,1)$, $\mu = (5,1,1)$:

$k = 14: \quad 17V^{\varnothing,\varnothing}$
$k = 13: \quad 7982V^{\varnothing,\varnothing} \oplus 253V^{\varnothing,(1)} \oplus 293V^{(1),\varnothing}$
$k = 12: \quad 15142V^{\varnothing,\varnothing} \oplus 7676V^{\varnothing,(1)} \oplus 92V^{\varnothing,(2)} \oplus 85V^{\varnothing,(1,1)} \oplus 7368V^{(1),\varnothing} \oplus 1415V^{(1),(1)} \oplus 108V^{(2),\varnothing} \oplus 111V^{(1,1),\varnothing}$
$k = 11: \quad 14878V^{\varnothing,\varnothing} \oplus 13362V^{\varnothing,(1)} \oplus 2920V^{\varnothing,(2)} \oplus 2612V^{\varnothing,(1,1)} \oplus 32V^{\varnothing,(3)} \oplus 30V^{\varnothing,(2,1)} \oplus 22V^{\varnothing,(1,1,1)} \oplus 12750V^{(1),\varnothing} \oplus 11600V^{(1),(1)} \oplus 407V^{(1),(2)} \oplus 385V^{(1),(1,1)} \oplus 1958V^{(2),\varnothing} \oplus 435V^{(2),(1)} \oplus 2926V^{(1,1),\varnothing} \oplus 443V^{(1,1),(1)} \oplus 37V^{(2,1),\varnothing} \oplus 37V^{(1,1,1),\varnothing}$
$k = 10: \quad 10766V^{\varnothing,\varnothing} \oplus 11236V^{\varnothing,(1)} \oplus 4570V^{\varnothing,(2)} \oplus 4180V^{\varnothing,(1,1)} \oplus 1160V^{\varnothing,(3)} \oplus 1056V^{\varnothing,(2,1)} \oplus 598V^{\varnothing,(1,1,1)} \oplus 11V^{\varnothing,(4)} \oplus 11V^{\varnothing,(3,1)} \oplus 8V^{\varnothing,(2,1,1)} \oplus 11638V^{(1),\varnothing} \oplus 19454V^{(1),(1)} \oplus 4120V^{(1),(2)} \oplus 3816V^{(1),(1,1)} \oplus 101V^{(1),(3)} \oplus 97V^{(1),(2,1)} \oplus 73V^{(1),(1,1,1)} \oplus 2916V^{(2),\varnothing} \oplus 3552V^{(2),(1)} \oplus 267V^{(2),(2)} \oplus 251V^{(2),(1,1)} \oplus 4566V^{(1,1),\varnothing} \oplus 4312V^{(1,1),(1)} \oplus 275V^{(1,1),(2)} \oplus 257V^{(1,1),(1,1)} \oplus 1086V^{(2,1),\varnothing} \oplus 125V^{(2,1),(1)} \oplus 1086V^{(1,1,1),\varnothing} \oplus 125V^{(1,1,1),(1)} \oplus 11V^{(2,2),\varnothing} \oplus 12V^{(2,1,1),\varnothing} \oplus 9V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 4560V^{\varnothing,\varnothing} \oplus 7136V^{\varnothing,(1)} \oplus 3120V^{\varnothing,(2)} \oplus 2960V^{\varnothing,(1,1)} \oplus 1452V^{\varnothing,(3)} \oplus 1352V^{\varnothing,(2,1)} \oplus 802V^{\varnothing,(1,1,1)} \oplus 464V^{\varnothing,(4)} \oplus 464V^{\varnothing,(3,1)} \oplus 260V^{\varnothing,(2,1,1)} \oplus 3V^{\varnothing,(5)} \oplus 4V^{\varnothing,(4,1)} \oplus 3V^{\varnothing,(3,1,1)} \oplus 7185V^{(1),\varnothing} \oplus 17576V^{(1),(1)} \oplus 6522V^{(1),(2)} \oplus 6198V^{(1),(1,1)} \oplus 1560V^{(1),(3)} \oplus 1480V^{(1),(2,1)} \oplus 1120V^{(1),(1,1,1)} \oplus 31V^{(1),(4)} \oplus 31V^{(1),(3,1)} \oplus 25V^{(1),(2,1,1)} \oplus 2200V^{(2),\varnothing} \oplus 5514V^{(2),(1)} \oplus 1308V^{(2),(2)} \oplus 1196V^{(2),(1,1)} \oplus 87V^{(2),(3)} \oplus 83V^{(2),(2,1)} \oplus 66V^{(2),(1,1,1)} \oplus 3400V^{(1,1),\varnothing} \oplus 6738V^{(1,1),(1)} \oplus 1604V^{(1,1),(2)} \oplus 1460V^{(1,1),(1,1)} \oplus 95V^{(1,1),(3)} \oplus 89V^{(1,1),(2,1)} \oplus 69V^{(1,1),(1,1,1)} \oplus 1370V^{(2,1),\varnothing} \oplus 1560V^{(2,1),(1)} \oplus 101V^{(2,1),(2)} \oplus 85V^{(2,1),(1,1)} \oplus 1370V^{(1,1,1),\varnothing} \oplus 1560V^{(1,1,1),(1)} \oplus 101V^{(1,1,1),(2)} \oplus 85V^{(1,1,1),(1,1)} \oplus 316V^{(2,2),\varnothing} \oplus 33V^{(2,2),(1)} \oplus 468V^{(2,1,1),\varnothing} \oplus 35V^{(2,1,1),(1)} \oplus 264V^{(1,1,1,1),\varnothing} \oplus 27V^{(1,1,1,1),(1)} \oplus 4V^{(2,2,1),\varnothing} \oplus 3V^{(2,1,1,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 2196V^{\varnothing,(1)} \oplus 1356V^{\varnothing,(2)} \oplus 1356V^{\varnothing,(1,1)} \oplus 688V^{\varnothing,(3)} \oplus 688V^{\varnothing,(2,1)} \oplus 428V^{\varnothing,(1,1,1)} \oplus 384V^{\varnothing,(4)} \oplus 384V^{\varnothing,(3,1)} \oplus 234V^{\varnothing,(2,1,1)} \oplus 104V^{\varnothing,(5)} \oplus 180V^{\varnothing,(4,1)} \oplus 104V^{\varnothing,(3,1,1)} \oplus V^{\varnothing,(5,1)} \oplus V^{\varnothing,(4,1,1)} \oplus 2430V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 5136V^{(1),(2)} \oplus 5040V^{(1),(1,1)} \oplus 2166V^{(1),(3)} \oplus 2094V^{(1),(2,1)} \oplus 1722V^{(1),(1,1,1)} \oplus 592V^{(1),(4)} \oplus 592V^{(1),(3,1)} \oplus 448V^{(1),(2,1,1)} \oplus 7V^{(1),(5)} \oplus 9V^{(1),(4,1)} \oplus 7V^{(1),(3,1,1)} \oplus 993V^{(2),\varnothing} \oplus 4496V^{(2),(1)} \oplus 1862V^{(2),(2)} \oplus 1766V^{(2),(1,1)} \oplus 484V^{(2),(3)} \oplus 452V^{(2),(2,1)} \oplus 356V^{(2),(1,1,1)} \oplus 23V^{(2),(4)} \oplus 23V^{(2),(3,1)} \oplus 18V^{(2),(2,1,1)} \oplus 1461V^{(1,1),\varnothing} \oplus 5280V^{(1,1),(1)} \oplus 2294V^{(1,1),(2)} \oplus 2162V^{(1,1),(1,1)} \oplus 612V^{(1,1),(3)} \oplus 564V^{(1,1),(2,1)} \oplus 412V^{(1,1),(1,1,1)} \oplus 29V^{(1,1),(4)} \oplus 29V^{(1,1),(3,1)} \oplus 21V^{(1,1),(2,1,1)} \oplus 760V^{(2,1),\varnothing} \oplus 2166V^{(2,1),(1)} \oplus 588V^{(2,1),(2)} \oplus 532V^{(2,1),(1,1)} \oplus 65V^{(2,1),(3)} \oplus 61V^{(2,1),(2,1)} \oplus 43V^{(2,1),(1,1,1)} \oplus 760V^{(1,1,1),\varnothing} \oplus 2166V^{(1,1,1),(1)} \oplus 588V^{(1,1,1),(2)} \oplus 532V^{(1,1,1),(1,1)} \oplus 65V^{(1,1,1),(3)} \oplus 61V^{(1,1,1),(2,1)} \oplus 43V^{(1,1,1),(1,1,1)} \oplus 240V^{(2,2),\varnothing} \oplus 528V^{(2,2),(1)} \oplus 33V^{(2,2),(2)} \oplus 23V^{(2,2),(1,1)} \oplus 390V^{(2,1,1),\varnothing} \oplus 632V^{(2,1,1),(1)} \oplus 35V^{(2,1,1),(2)} \oplus 25V^{(2,1,1),(1,1)} \oplus 240V^{(1,1,1,1),\varnothing} \oplus 468V^{(1,1,1,1),(1)} \oplus 27V^{(1,1,1,1),(2)} \oplus 19V^{(1,1,1,1),(1,1)} \oplus 182V^{(2,2,1),\varnothing} \oplus 11V^{(2,2,1),(1)} \oplus 106V^{(2,1,1,1),\varnothing} \oplus 9V^{(2,1,1,1),(1)} \oplus V^{(2,2,2),\varnothing} \oplus V^{(2,2,1,1),\varnothing}$
$k = 7:$ $196V^{\varnothing,(1)} \oplus 126V^{\varnothing,(2)} \oplus 126V^{\varnothing,(1,1)} \oplus 84V^{\varnothing,(3)} \oplus 84V^{\varnothing,(2,1)} \oplus 84V^{\varnothing,(1,1,1)} \oplus 42V^{\varnothing,(4)} \oplus 42V^{\varnothing,(3,1)} \oplus 42V^{\varnothing,(2,1,1)} \oplus 28V^{\varnothing,(5)} \oplus 28V^{\varnothing,(4,1)} \oplus 28V^{\varnothing,(3,1,1)} \oplus 14V^{\varnothing,(5,1)} \oplus 14V^{\varnothing,(4,1,1)} \oplus 225V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1360V^{(1),(3)} \oplus 1360V^{(1),(2,1)} \oplus 1200V^{(1),(1,1,1)} \oplus 650V^{(1),(4)} \oplus 650V^{(1),(3,1)} \oplus 550V^{(1),(2,1,1)} \oplus 204V^{(1),(5)} \oplus 256V^{(1),(4,1)} \oplus 204V^{(1),(3,1,1)} \oplus 3V^{(1),(5,1)} \oplus 3V^{(1),(4,1,1)} \oplus 165V^{(2),\varnothing} \oplus 2580V^{(2),(1)} \oplus 1352V^{(2),(2)} \oplus 1328V^{(2),(1,1)} \oplus 630V^{(2),(3)} \oplus 606V^{(2),(2,1)} \oplus 528V^{(2),(1,1,1)} \oplus 176V^{(2),(4)} \oplus 176V^{(2),(3,1)} \oplus 140V^{(2),(2,1,1)} \oplus 6V^{(2),(5)} \oplus 7V^{(2),(4,1)} \oplus 6V^{(2),(3,1,1)} \oplus 165V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1580V^{(1,1),(2)} \oplus 1544V^{(1,1),(1,1)} \oplus 774V^{(1,1),(3)} \oplus 738V^{(1,1),(2,1)} \oplus 594V^{(1,1),(1,1,1)} \oplus 232V^{(1,1),(4)} \oplus 232V^{(1,1),(3,1)} \oplus 168V^{(1,1),(2,1,1)} \oplus 9V^{(1,1),(5)} \oplus 11V^{(1,1),(4,1)} \oplus 9V^{(1,1),(3,1,1)} \oplus$	

Table 170: Table for $\lambda = (2,2,2,1)$, $\mu = (4,3)$:

$k = 14: \quad 11V^{\varnothing,\varnothing}$
$k = 13: \quad 7788V^{\varnothing,\varnothing} \oplus 237V^{\varnothing,(1)} \oplus 237V^{(1),\varnothing}$
$k = 12: \quad 14862V^{\varnothing,\varnothing} \oplus 7044V^{\varnothing,(1)} \oplus 87V^{\varnothing,(2)} \oplus 84V^{\varnothing,(1,1)} \oplus 7044V^{(1),\varnothing} \oplus 1363V^{(1),(1)} \oplus 84V^{(2),\varnothing} \oplus 87V^{(1,1),\varnothing}$
$k = 11: \quad 14528V^{\varnothing,\varnothing} \oplus 12378V^{\varnothing,(1)} \oplus 2820V^{\varnothing,(2)} \oplus 1852V^{\varnothing,(1,1)} \oplus 30V^{\varnothing,(3)} \oplus 30V^{\varnothing,(2,1)} \oplus 12378V^{(1),\varnothing} \oplus 11008V^{(1),(1)} \oplus 389V^{(1),(2)} \oplus 383V^{(1),(1,1)} \oplus 1852V^{(2),\varnothing} \oplus 383V^{(2),(1)} \oplus 2820V^{(1,1),\varnothing} \oplus 389V^{(1,1),(1)} \oplus 30V^{(2,1),\varnothing} \oplus 30V^{(1,1,1),\varnothing}$
$k = 10:$ $10728V^{\varnothing,\varnothing} \oplus 10596V^{\varnothing,(1)} \oplus 4480V^{\varnothing,(2)} \oplus 2830V^{\varnothing,(1,1)} \oplus 1056V^{\varnothing,(3)} \oplus 1056V^{\varnothing,(2,1)} \oplus 8V^{\varnothing,(4)} \oplus 11V^{\varnothing,(3,1)} \oplus 10V^{\varnothing,(2,2)} \oplus 10596V^{(1),\varnothing} \oplus 18710V^{(1),(1)} \oplus 3976V^{(1),(2)} \oplus 3296V^{(1),(1,1)} \oplus 97V^{(1),(3)} \oplus 97V^{(1),(2,1)} \oplus 2830V^{(2),\varnothing} \oplus 3296V^{(2),(1)} \oplus 255V^{(2),(2)} \oplus 250V^{(2),(1,1)} \oplus 4480V^{(1,1),\varnothing} \oplus 3976V^{(1,1),(1)} \oplus 263V^{(1,1),(2)} \oplus 255V^{(1,1),(1,1)} \oplus 1056V^{(2,1),\varnothing} \oplus 97V^{(2,1),(1)} \oplus 1056V^{(1,1,1),\varnothing} \oplus 97V^{(1,1,1),(1)} \oplus 10V^{(2,2),\varnothing} \oplus 11V^{(2,1,1),\varnothing} \oplus 8V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 4560V^{\varnothing,\varnothing} \oplus 6896V^{\varnothing,(1)} \oplus 3120V^{\varnothing,(2)} \oplus 1920V^{\varnothing,(1,1)} \oplus 1352V^{\varnothing,(3)} \oplus 1352V^{\varnothing,(2,1)} \oplus 260V^{\varnothing,(4)} \oplus 464V^{\varnothing,(3,1)} \oplus 312V^{\varnothing,(2,2)} \oplus 3V^{\varnothing,(4,1)} \oplus 4V^{\varnothing,(3,2)} \oplus 6896V^{(1),\varnothing} \oplus 17192V^{(1),(1)} \oplus 6414V^{(1),(2)} \oplus 5298V^{(1),(1,1)} \oplus 1480V^{(1),(3)} \oplus 1480V^{(1),(2,1)} \oplus 25V^{(1),(4)} \oplus 31V^{(1),(3,1)} \oplus 29V^{(1),(2,2)} \oplus 1920V^{(2),\varnothing} \oplus 5298V^{(2),(1)} \oplus 1260V^{(2),(2)} \oplus 1096V^{(2),(1,1)} \oplus 83V^{(2),(3)} \oplus 83V^{(2),(2,1)} \oplus 3120V^{(1,1),\varnothing} \oplus 6414V^{(1,1),(1)} \oplus 1556V^{(1,1),(2)} \oplus 1260V^{(1,1),(1,1)} \oplus 89V^{(1,1),(3)} \oplus 89V^{(1,1),(2,1)} \oplus 1352V^{(2,1),\varnothing} \oplus 1480V^{(2,1),(1)} \oplus 89V^{(2,1),(2)} \oplus 83V^{(2,1),(1,1)} \oplus 1352V^{(1,1,1),\varnothing} \oplus 1480V^{(1,1,1),(1)} \oplus 89V^{(1,1,1),(2)} \oplus 83V^{(1,1,1),(1,1)} \oplus 312V^{(2,2),\varnothing} \oplus 29V^{(2,2),(1)} \oplus 464V^{(2,1,1),\varnothing} \oplus 31V^{(2,1,1),(1)} \oplus 260V^{(1,1,1,1),\varnothing} \oplus 25V^{(1,1,1,1),(1)} \oplus 4V^{(2,2,1),\varnothing} \oplus 3V^{(2,1,1,1),\varnothing}$
$k = 8:$ $720V^{\varnothing,\varnothing} \oplus 2196V^{\varnothing,(1)} \oplus 1356V^{\varnothing,(2)} \oplus 888V^{\varnothing,(1,1)} \oplus 688V^{\varnothing,(3)} \oplus 688V^{\varnothing,(2,1)} \oplus 234V^{\varnothing,(4)} \oplus 384V^{\varnothing,(3,1)} \oplus 234V^{\varnothing,(2,2)} \oplus 104V^{\varnothing,(4,1)} \oplus 180V^{\varnothing,(3,2)} \oplus V^{\varnothing,(4,2)} \oplus V^{\varnothing,(3,3)} \oplus 2196V^{(1),\varnothing} \oplus 11828V^{(1),(1)} \oplus 5136V^{(1),(2)} \oplus 4400V^{(1),(1,1)} \oplus 2094V^{(1),(3)} \oplus 2094V^{(1),(2,1)} \oplus 448V^{(1),(4)} \oplus 592V^{(1),(3,1)} \oplus 488V^{(1),(2,2)} \oplus 7V^{(1),(4,1)} \oplus 9V^{(1),(3,2)} \oplus 888V^{(2),\varnothing} \oplus 4400V^{(2),(1)} \oplus 1838V^{(2),(2)} \oplus 1604V^{(2),(1,1)} \oplus 452V^{(2),(3)} \oplus 452V^{(2),(2,1)} \oplus 18V^{(2),(4)} \oplus 23V^{(2),(3,1)} \oplus 22V^{(2),(2,2)} \oplus 1356V^{(1,1),\varnothing} \oplus 5136V^{(1,1),(1)} \oplus 2270V^{(1,1),(2)} \oplus 1838V^{(1,1),(1,1)} \oplus 564V^{(1,1),(3)} \oplus 564V^{(1,1),(2,1)} \oplus 21V^{(1,1),(4)} \oplus 29V^{(1,1),(3,1)} \oplus 27V^{(1,1),(2,2)} \oplus 688V^{(2,1),\varnothing} \oplus 2094V^{(2,1),(1)} \oplus 564V^{(2,1),(2)} \oplus 452V^{(2,1),(1,1)} \oplus 61V^{(2,1),(3)} \oplus 61V^{(2,1),(2,1)} \oplus 688V^{(1,1,1),\varnothing} \oplus 2094V^{(1,1,1),(1)} \oplus 564V^{(1,1,1),(2)} \oplus 452V^{(1,1,1),(1,1)} \oplus 61V^{(1,1,1),(3)} \oplus 61V^{(1,1,1),(2,1)} \oplus 234V^{(2,2),\varnothing} \oplus 488V^{(2,2),(1)} \oplus 27V^{(2,2),(2)} \oplus 22V^{(2,2),(1,1)} \oplus 384V^{(2,1,1),\varnothing} \oplus 592V^{(2,1,1),(1)} \oplus 29V^{(2,1,1),(2)} \oplus 23V^{(2,1,1),(1,1)} \oplus 234V^{(1,1,1,1),\varnothing} \oplus 448V^{(1,1,1,1),(1)} \oplus 21V^{(1,1,1,1),(2)} \oplus 18V^{(1,1,1,1),(1,1)} \oplus 180V^{(2,2,1),\varnothing} \oplus 9V^{(2,2,1),(1)} \oplus 104V^{(2,1,1,1),\varnothing} \oplus 7V^{(2,1,1,1),(1)} \oplus V^{(2,2,2),\varnothing} \oplus V^{(2,2,1,1),\varnothing}$
$k = 7: \quad 196V^{\varnothing,(1)} \oplus 126V^{\varnothing,(2)} \oplus 126V^{\varnothing,(1,1)} \oplus 84V^{\varnothing,(3)} \oplus 84V^{\varnothing,(2,1)} \oplus 42V^{\varnothing,(4)} \oplus 42V^{\varnothing,(3,1)} \oplus 42V^{\varnothing,(2,2)} \oplus 28V^{\varnothing,(4,1)} \oplus 28V^{\varnothing,(3,2)} \oplus 14V^{\varnothing,(4,2)} \oplus 14V^{\varnothing,(3,3)} \oplus 196V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2580V^{(1),(1,1)} \oplus 1360V^{(1),(3)} \oplus 1360V^{(1),(2,1)} \oplus 550V^{(1),(4)} \oplus 650V^{(1),(3,1)} \oplus 550V^{(1),(2,2)} \oplus 204V^{(1),(4,1)} \oplus 256V^{(1),(3,2)} \oplus 3V^{(1),(4,2)} \oplus 3V^{(1),(3,3)} \oplus 126V^{(2),\varnothing} \oplus 2580V^{(2),(1)} \oplus 1352V^{(2),(2)} \oplus 1232V^{(2),(1,1)} \oplus 606V^{(2),(3)} \oplus 606V^{(2),(2,1)} \oplus 140V^{(2),(4)} \oplus 176V^{(2),(3,1)} \oplus 156V^{(2),(2,2)} \oplus 6V^{(2),(4,1)} \oplus 7V^{(2),(3,2)} \oplus 126V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1580V^{(1,1),(2)} \oplus 1352V^{(1,1),(1,1)} \oplus 738V^{(1,1),(3)} \oplus 738V^{(1,1),(2,1)} \oplus 168V^{(1,1),(4)} \oplus 232V^{(1,1),(3,1)} \oplus 192V^{(1,1),(2,2)} \oplus 9V^{(1,1),(4,1)} \oplus 11V^{(1,1),(3,2)} \oplus 84V^{(2,1),\varnothing} \oplus 1360V^{(2,1),(1)} \oplus 738V^{(2,1),(2)} \oplus 606V^{(2,1),(1,1)} \oplus 220V^{(2,1),(3)} \oplus 220V^{(2,1),(2,1)} \oplus 19V^{(2,1),(4)} \oplus 25V^{(2,1),(3,1)} \oplus 23V^{(2,1),(2,2)} \oplus 84V^{(1,1,1),\varnothing} \oplus 1360V^{(1,1,1),(1)} \oplus 738V^{(1,1,1),(2)} \oplus 606V^{(1,1,1),(1,1)} \oplus 220V^{(1,1,1),(3)} \oplus 220V^{(1,1,1),(2,1)} \oplus 19V^{(1,1,1),(4)} \oplus 25V^{(1,1,1),(3,1)} \oplus 23V^{(1,1,1),(2,2)} \oplus 42V^{(2,2),\varnothing} \oplus 550V^{(2,2),(1)} \oplus 192V^{(2,2),(2)} \oplus 156V^{(2,2),(1,1)} \oplus 23V^{(2,2),(3)} \oplus 23V^{(2,2),(2,1)} \oplus 42V^{(2,1,1),\varnothing} \oplus 650V^{(2,1,1),(1)} \oplus 232V^{(2,1,1),(2)} \oplus$

Table 171: Table for $\lambda = (2,2,2,1)$, $\mu = (4,2,1)$:

$k = 14: \quad 46V^{\varnothing,\varnothing}$
$k = 13: \quad 8426V^{\varnothing,\varnothing} \oplus 313V^{\varnothing,(1)} \oplus 711V^{(1),\varnothing}$
$k = 12: \quad 15824V^{\varnothing,\varnothing} \oplus 8070V^{\varnothing,(1)} \oplus 113V^{\varnothing,(2)} \oplus 111V^{\varnothing,(1,1)} \oplus 9148V^{(1),\varnothing} \oplus 1721V^{(1),(1)} \oplus 165V^{(2),\varnothing} \oplus 168V^{(1,1),\varnothing}$
$k = 11: \quad 15462V^{\varnothing,\varnothing} \oplus 13716V^{\varnothing,(1)} \oplus 3284V^{\varnothing,(2)} \oplus 3076V^{\varnothing,(1,1)} \oplus 37V^{\varnothing,(3)} \oplus 40V^{\varnothing,(2,1)} \oplus 29V^{\varnothing,(1,1,1)} \oplus 15798V^{(1),\varnothing} \oplus 12320V^{(1),(1)} \oplus 477V^{(1),(2)} \oplus 473V^{(1),(1,1)} \oplus 2510V^{(2),\varnothing} \oplus 615V^{(2),(1)} \oplus 3478V^{(1,1),\varnothing} \oplus 623V^{(1,1),(1)} \oplus 41V^{(2,1),\varnothing} \oplus 41V^{(1,1,1),\varnothing}$
$k = 10: \quad 11536V^{\varnothing,\varnothing} \oplus 11356V^{\varnothing,(1)} \oplus 4960V^{\varnothing,(2)} \oplus 4660V^{\varnothing,(1,1)} \oplus 1210V^{\varnothing,(3)} \oplus 1618V^{\varnothing,(2,1)} \oplus 752V^{\varnothing,(1,1,1)} \oplus 10V^{\varnothing,(4)} \oplus 14V^{\varnothing,(3,1)} \oplus 11V^{\varnothing,(2,2)} \oplus 11V^{\varnothing,(2,1,1)} \oplus 15358V^{(1),\varnothing} \oplus 19874V^{(1),(1)} \oplus 4520V^{(1),(2)} \oplus 4360V^{(1),(1,1)} \oplus 119V^{(1),(3)} \oplus 125V^{(1),(2,1)} \oplus 95V^{(1),(1,1,1)} \oplus 3916V^{(2),\varnothing} \oplus 3744V^{(2),(1)} \oplus 331V^{(2),(2)} \oplus 327V^{(2),(1,1)} \oplus 5566V^{(1,1),\varnothing} \oplus 4504V^{(1,1),(1)} \oplus 341V^{(1,1),(2)} \oplus 335V^{(1,1),(1,1)} \oplus 1286V^{(2,1),\varnothing} \oplus 161V^{(2,1),(1)} \oplus 1286V^{(1,1,1),\varnothing} \oplus 161V^{(1,1,1),(1)} \oplus 11V^{(2,2),\varnothing} \oplus 12V^{(2,1,1),\varnothing} \oplus 9V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 5050V^{\varnothing,\varnothing} \oplus 7136V^{\varnothing,(1)} \oplus 3280V^{\varnothing,(2)} \oplus 3120V^{\varnothing,(1,1)} \oplus 1452V^{\varnothing,(3)} \oplus 2002V^{\varnothing,(2,1)} \oplus 902V^{\varnothing,(1,1,1)} \oplus 312V^{\varnothing,(4)} \oplus 668V^{\varnothing,(3,1)} \oplus 464V^{\varnothing,(2,2)} \oplus 464V^{\varnothing,(2,1,1)} \oplus 4V^{\varnothing,(4,1)} \oplus 4V^{\varnothing,(3,2)} \oplus 4V^{\varnothing,(3,1,1)} \oplus 3V^{\varnothing,(2,2,1)} \oplus 11425V^{(1),\varnothing} \oplus 17684V^{(1),(1)} \oplus 6846V^{(1),(2)} \oplus 6630V^{(1),(1,1)} \oplus 1632V^{(1),(3)} \oplus 1920V^{(1),(2,1)} \oplus 1272V^{(1),(1,1,1)} \oplus 29V^{(1),(4)} \oplus 37V^{(1),(3,1)} \oplus 31V^{(1),(2,2)} \oplus 31V^{(1),(2,1,1)} \oplus 3320V^{(2),\varnothing} \oplus 5586V^{(2),(1)} \oplus 1468V^{(2),(2)} \oplus 1404V^{(2),(1,1)} \oplus 99V^{(2),(3)} \oplus 104V^{(2),(2,1)} \oplus 82V^{(2),(1,1,1)} \oplus 4520V^{(1,1),\varnothing} \oplus 6810V^{(1,1),(1)} \oplus 1796V^{(1,1),(2)} \oplus 1700V^{(1,1),(1,1)} \oplus 107V^{(1,1),(3)} \oplus 115V^{(1,1),(2,1)} \oplus 87V^{(1,1),(1,1,1)} \oplus 1730V^{(2,1),\varnothing} \oplus 1608V^{(2,1),(1)} \oplus 141V^{(2,1),(2)} \oplus 137V^{(2,1),(1,1)} \oplus 1730V^{(1,1,1),\varnothing} \oplus 1608V^{(1,1,1),(1)} \oplus 141V^{(1,1,1),(2)} \oplus 137V^{(1,1,1),(1,1)} \oplus 396V^{(2,2),\varnothing} \oplus 39V^{(2,2),(1)} \oplus 548V^{(2,1,1),\varnothing} \oplus 41V^{(2,1,1),(1)} \oplus 344V^{(1,1,1,1),\varnothing} \oplus 33V^{(1,1,1,1),(1)} \oplus 4V^{(2,2,1),\varnothing} \oplus 3V^{(2,1,1,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 2196V^{\varnothing,(1)} \oplus 1356V^{\varnothing,(2)} \oplus 1356V^{\varnothing,(1,1)} \oplus 688V^{\varnothing,(3)} \oplus 948V^{\varnothing,(2,1)} \oplus 428V^{\varnothing,(1,1,1)} \oplus 234V^{\varnothing,(4)} \oplus 534V^{\varnothing,(3,1)} \oplus 384V^{\varnothing,(2,2)} \oplus 384V^{\varnothing,(2,1,1)} \oplus 180V^{\varnothing,(4,1)} \oplus 180V^{\varnothing,(3,2)} \oplus 180V^{\varnothing,(3,1,1)} \oplus 104V^{\varnothing,(2,2,1)} \oplus V^{\varnothing,(4,2)} \oplus V^{\varnothing,(4,1,1)} \oplus V^{\varnothing,(3,2,1)} \oplus 5640V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 5232V^{(1),(2)} \oplus 5136V^{(1),(1,1)} \oplus 2166V^{(1),(3)} \oplus 2538V^{(1),(2,1)} \oplus 1794V^{(1),(1,1,1)} \oplus 488V^{(1),(4)} \oplus 736V^{(1),(3,1)} \oplus 592V^{(1),(2,2)} \oplus 592V^{(1),(2,1,1)} \oplus 9V^{(1),(4,1)} \oplus 9V^{(1),(3,2)} \oplus 9V^{(1),(3,1,1)} \oplus 7V^{(1),(2,2,1)} \oplus 2043V^{(2),\varnothing} \oplus 4496V^{(2),(1)} \oplus 1958V^{(2),(2)} \oplus 1886V^{(2),(1,1)} \oplus 508V^{(2),(3)} \oplus 580V^{(2),(2,1)} \oplus 412V^{(2),(1,1,1)} \oplus 22V^{(2),(4)} \oplus 28V^{(2),(3,1)} \oplus 23V^{(2),(2,2)} \oplus 23V^{(2),(2,1,1)} \oplus 2511V^{(1,1),\varnothing} \oplus 5280V^{(1,1),(1)} \oplus 2426V^{(1,1),(2)} \oplus 2318V^{(1,1),(1,1)} \oplus 636V^{(1,1),(3)} \oplus 764V^{(1,1),(2,1)} \oplus 484V^{(1,1),(1,1,1)} \oplus 27V^{(1,1),(4)} \oplus 37V^{(1,1),(3,1)} \oplus 29V^{(1,1),(2,2)} \oplus 29V^{(1,1),(2,1,1)} \oplus 1080V^{(2,1),\varnothing} \oplus 2166V^{(2,1),(1)} \oplus 644V^{(2,1),(2)} \oplus 612V^{(2,1),(1,1)} \oplus 77V^{(2,1),(3)} \oplus 83V^{(2,1),(2,1)} \oplus 59V^{(2,1),(1,1,1)} \oplus 1080V^{(1,1,1),\varnothing} \oplus 2166V^{(1,1,1),(1)} \oplus 644V^{(1,1,1),(2)} \oplus 612V^{(1,1,1),(1,1)} \oplus 77V^{(1,1,1),(3)} \oplus 83V^{(1,1,1),(2,1)} \oplus 59V^{(1,1,1),(1,1,1)} \oplus 360V^{(2,2),\varnothing} \oplus 528V^{(2,2),(1)} \oplus 43V^{(2,2),(2)} \oplus 39V^{(2,2),(1,1)} \oplus 510V^{(2,1,1),\varnothing} \oplus 632V^{(2,1,1),(1)} \oplus 45V^{(2,1,1),(2)} \oplus 41V^{(2,1,1),(1,1)} \oplus 360V^{(1,1,1,1),\varnothing} \oplus 468V^{(1,1,1,1),(1)} \oplus 35V^{(1,1,1,1),(2)} \oplus 33V^{(1,1,1,1),(1,1)} \oplus 222V^{(2,2,1),\varnothing} \oplus 11V^{(2,2,1),(1)} \oplus 146V^{(2,1,1,1),\varnothing} \oplus 9V^{(2,1,1,1),(1)} \oplus V^{(2,2,2),\varnothing} \oplus V^{(2,2,1,1),\varnothing}$
$k = 7: \quad 196V^{\varnothing,(1)} \oplus 126V^{\varnothing,(2)} \oplus 126V^{\varnothing,(1,1)} \oplus 84V^{\varnothing,(3)} \oplus 84V^{\varnothing,(2,1)} \oplus 84V^{\varnothing,(1,1,1)} \oplus 42V^{\varnothing,(4)} \oplus 42V^{\varnothing,(3,1)} \oplus 42V^{\varnothing,(2,2)} \oplus 42V^{\varnothing,(2,1,1)} \oplus 28V^{\varnothing,(4,1)} \oplus 28V^{\varnothing,(3,2)} \oplus 28V^{\varnothing,(3,1,1)} \oplus 28V^{\varnothing,(2,2,1)} \oplus 14V^{\varnothing,(4,2)} \oplus 14V^{\varnothing,(4,1,1)} \oplus 14V^{\varnothing,(3,2,1)} \oplus 1225V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1360V^{(1),(3)} \oplus 1520V^{(1),(2,1)} \oplus 1200V^{(1),(1,1,1)} \oplus 550V^{(1),(4)} \oplus 750V^{(1),(3,1)} \oplus 650V^{(1),(2,2)} \oplus 650V^{(1),(2,1,1)} \oplus 256V^{(1),(4,1)} \oplus 256V^{(1),(3,2)} \oplus 256V^{(1),(3,1,1)} \oplus 204V^{(1),(2,2,1)} \oplus 3V^{(1),(4,2)} \oplus 3V^{(1),(4,1,1)} \oplus 3V^{(1),(3,2,1)} \oplus 700V^{(2),\varnothing} \oplus 2580V^{(2),(1)} \oplus 1376V^{(2),(2)} \oplus 1352V^{(2),(1,1)} \oplus 630V^{(2),(3)} \oplus 708V^{(2),(2,1)} \oplus 552V^{(2),(1,1,1)} \oplus 156V^{(2),(4)} \oplus 212V^{(2),(3,1)} \oplus 176V^{(2),(2,2)} \oplus 176V^{(2),(2,1,1)} \oplus 7V^{(2),(4,1)} \oplus 7V^{(2),(3,2)} \oplus 7V^{(2),(3,1,1)} \oplus 6V^{(2),(2,2,1)} \oplus 700V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1616V^{(1,1),(2)} \oplus$

Table 172: Table for $\lambda = (2,2,2,1)$, $\mu = (4,1,1,1)$:

$k = 14: \quad 34V^{\varnothing,\varnothing}$
$k = 13: \quad 8132V^{\varnothing,\varnothing} \oplus 258V^{\varnothing,(1)} \oplus 400V^{(1),\varnothing}$
$k = 12: \quad 15332V^{\varnothing,\varnothing} \oplus 7876V^{\varnothing,(1)} \oplus 92V^{\varnothing,(2)} \oplus 92V^{\varnothing,(1,1)} \oplus 7824V^{(1),\varnothing} \oplus 1433V^{(1),(1)} \oplus 125V^{(2),\varnothing} \oplus 128V^{(1,1),\varnothing}$
$k = 11: \quad 15024V^{\varnothing,\varnothing} \oplus 13632V^{\varnothing,(1)} \oplus 2920V^{\varnothing,(2)} \oplus 2920V^{\varnothing,(1,1)} \oplus 30V^{\varnothing,(3)} \oplus 32V^{\varnothing,(2,1)} \oplus 30V^{\varnothing,(1,1,1)} \oplus 13512V^{(1),\varnothing} \oplus 11888V^{(1),(1)} \oplus 407V^{(1),(2)} \oplus 407V^{(1),(1,1)} \oplus 2096V^{(2),\varnothing} \oplus 447V^{(2),(1)} \oplus 3064V^{(1,1),\varnothing} \oplus 455V^{(1,1),(1)} \oplus 38V^{(2,1),\varnothing} \oplus 38V^{(1,1,1),\varnothing}$
$k = 10: \quad 11116V^{\varnothing,\varnothing} \oplus 11356V^{\varnothing,(1)} \oplus 4570V^{\varnothing,(2)} \oplus 4570V^{\varnothing,(1,1)} \oplus 1056V^{\varnothing,(3)} \oplus 1160V^{\varnothing,(2,1)} \oplus 1056V^{\varnothing,(1,1,1)} \oplus 8V^{\varnothing,(4)} \oplus 11V^{\varnothing,(3,1)} \oplus 11V^{\varnothing,(2,1,1)} \oplus 8V^{\varnothing,(1,1,1,1)} \oplus 12568V^{(1),\varnothing} \oplus 19778V^{(1),(1)} \oplus 4120V^{(1),(2)} \oplus 4120V^{(1),(1,1)} \oplus 97V^{(1),(3)} \oplus 101V^{(1),(2,1)} \oplus 97V^{(1),(1,1,1)} \oplus 3166V^{(2),\varnothing} \oplus 3648V^{(2),(1)} \oplus 267V^{(2),(2)} \oplus 267V^{(2),(1,1)} \oplus 4816V^{(1,1),\varnothing} \oplus 4408V^{(1,1),(1)} \oplus 275V^{(1,1),(2)} \oplus 275V^{(1,1),(1,1)} \oplus 1136V^{(2,1),\varnothing} \oplus 137V^{(2,1),(1)} \oplus 1136V^{(1,1,1),\varnothing} \oplus 137V^{(1,1,1),(1)} \oplus 11V^{(2,2),\varnothing} \oplus 12V^{(2,1,1),\varnothing} \oplus 9V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 4840V^{\varnothing,\varnothing} \oplus 7136V^{\varnothing,(1)} \oplus 3120V^{\varnothing,(2)} \oplus 3120V^{\varnothing,(1,1)} \oplus 1352V^{\varnothing,(3)} \oplus 1452V^{\varnothing,(2,1)} \oplus 1352V^{\varnothing,(1,1,1)} \oplus 260V^{\varnothing,(4)} \oplus 464V^{\varnothing,(3,1)} \oplus 464V^{\varnothing,(2,1,1)} \oplus 260V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(4,1)} \oplus 4V^{\varnothing,(3,1,1)} \oplus 3V^{\varnothing,(2,1,1,1)} \oplus 8360V^{(1),\varnothing} \oplus 17684V^{(1),(1)} \oplus 6522V^{(1),(2)} \oplus 6522V^{(1),(1,1)} \oplus 1480V^{(1),(3)} \oplus 1560V^{(1),(2,1)} \oplus 1480V^{(1),(1,1,1)} \oplus 25V^{(1),(4)} \oplus 31V^{(1),(3,1)} \oplus 31V^{(1),(2,1,1)} \oplus 25V^{(1),(1,1,1,1)} \oplus 2480V^{(2),\varnothing} \oplus 5586V^{(2),(1)} \oplus 1308V^{(2),(2)} \oplus 1308V^{(2),(1,1)} \oplus 83V^{(2),(3)} \oplus 87V^{(2),(2,1)} \oplus 83V^{(2),(1,1,1)} \oplus 3680V^{(1,1),\varnothing} \oplus 6810V^{(1,1),(1)} \oplus 1604V^{(1,1),(2)} \oplus 1604V^{(1,1),(1,1)} \oplus 89V^{(1,1),(3)} \oplus 95V^{(1,1),(2,1)} \oplus 89V^{(1,1),(1,1,1)} \oplus 1460V^{(2,1),\varnothing} \oplus 1608V^{(2,1),(1)} \oplus 101V^{(2,1),(2)} \oplus 101V^{(2,1),(1,1)} \oplus 1460V^{(1,1,1),\varnothing} \oplus 1608V^{(1,1,1),(1)} \oplus 101V^{(1,1,1),(2)} \oplus 101V^{(1,1,1),(1,1)} \oplus 336V^{(2,2),\varnothing} \oplus 39V^{(2,2),(1)} \oplus 488V^{(2,1,1),\varnothing} \oplus 41V^{(2,1,1),(1)} \oplus 284V^{(1,1,1,1),\varnothing} \oplus 33V^{(1,1,1,1),(1)} \oplus 4V^{(2,2,1),\varnothing} \oplus 3V^{(2,1,1,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 2196V^{\varnothing,(1)} \oplus 1356V^{\varnothing,(2)} \oplus 1356V^{\varnothing,(1,1)} \oplus 688V^{\varnothing,(3)} \oplus 688V^{\varnothing,(2,1)} \oplus 688V^{\varnothing,(1,1,1)} \oplus 234V^{\varnothing,(4)} \oplus 384V^{\varnothing,(3,1)} \oplus 384V^{\varnothing,(2,1,1)} \oplus 234V^{\varnothing,(1,1,1,1)} \oplus 104V^{\varnothing,(4,1)} \oplus 180V^{\varnothing,(3,1,1)} \oplus 104V^{\varnothing,(2,1,1,1)} \oplus V^{\varnothing,(4,1,1)} \oplus V^{\varnothing,(3,1,1,1)} \oplus 3120V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 5136V^{(1),(2)} \oplus 5136V^{(1),(1,1)} \oplus 2094V^{(1),(3)} \oplus 2166V^{(1),(2,1)} \oplus 2094V^{(1),(1,1,1)} \oplus 448V^{(1),(4)} \oplus 592V^{(1),(3,1)} \oplus 592V^{(1),(2,1,1)} \oplus 448V^{(1),(1,1,1,1)} \oplus 7V^{(1),(4,1)} \oplus 9V^{(1),(3,1,1)} \oplus 7V^{(1),(2,1,1,1)} \oplus 1268V^{(2),\varnothing} \oplus 4496V^{(2),(1)} \oplus 1862V^{(2),(2)} \oplus 1862V^{(2),(1,1)} \oplus 452V^{(2),(3)} \oplus 484V^{(2),(2,1)} \oplus 452V^{(2),(1,1,1)} \oplus 18V^{(2),(4)} \oplus 23V^{(2),(3,1)} \oplus 23V^{(2),(2,1,1)} \oplus 18V^{(2),(1,1,1,1)} \oplus 1736V^{(1,1),\varnothing} \oplus 5280V^{(1,1),(1)} \oplus 2294V^{(1,1),(2)} \oplus 2294V^{(1,1),(1,1)} \oplus 564V^{(1,1),(3)} \oplus 612V^{(1,1),(2,1)} \oplus 564V^{(1,1),(1,1,1)} \oplus 21V^{(1,1),(4)} \oplus 29V^{(1,1),(3,1)} \oplus 29V^{(1,1),(2,1,1)} \oplus 21V^{(1,1),(1,1,1,1)} \oplus 840V^{(2,1),\varnothing} \oplus 2166V^{(2,1),(1)} \oplus 588V^{(2,1),(2)} \oplus 588V^{(2,1),(1,1)} \oplus 61V^{(2,1),(3)} \oplus 65V^{(2,1),(2,1)} \oplus 61V^{(2,1),(1,1,1)} \oplus 840V^{(1,1,1),\varnothing} \oplus 2166V^{(1,1,1),(1)} \oplus 588V^{(1,1,1),(2)} \oplus 588V^{(1,1,1),(1,1)} \oplus 61V^{(1,1,1),(3)} \oplus 65V^{(1,1,1),(2,1)} \oplus 61V^{(1,1,1),(1,1,1)} \oplus 270V^{(2,2),\varnothing} \oplus 528V^{(2,2),(1)} \oplus 33V^{(2,2),(2)} \oplus 33V^{(2,2),(1,1)} \oplus 420V^{(2,1,1),\varnothing} \oplus 632V^{(2,1,1),(1)} \oplus 35V^{(2,1,1),(2)} \oplus 35V^{(2,1,1),(1,1)} \oplus 270V^{(1,1,1,1),\varnothing} \oplus 468V^{(1,1,1,1),(1)} \oplus 27V^{(1,1,1,1),(2)} \oplus 27V^{(1,1,1,1),(1,1)} \oplus 192V^{(2,2,1),\varnothing} \oplus 11V^{(2,2,1),(1)} \oplus 116V^{(2,1,1,1),\varnothing} \oplus 9V^{(2,1,1,1),(1)} \oplus V^{(2,2,2),\varnothing} \oplus V^{(2,2,1,1),\varnothing}$
$k = 7: \quad 196V^{\varnothing,(1)} \oplus 126V^{\varnothing,(2)} \oplus 126V^{\varnothing,(1,1)} \oplus 84V^{\varnothing,(3)} \oplus 84V^{\varnothing,(2,1)} \oplus 84V^{\varnothing,(1,1,1)} \oplus 42V^{\varnothing,(4)} \oplus 42V^{\varnothing,(3,1)} \oplus 42V^{\varnothing,(2,1,1)} \oplus 42V^{\varnothing,(1,1,1,1)} \oplus 28V^{\varnothing,(4,1)} \oplus 28V^{\varnothing,(3,1,1)} \oplus 28V^{\varnothing,(2,1,1,1)} \oplus 14V^{\varnothing,(4,1,1)} \oplus 14V^{\varnothing,(3,1,1,1)} \oplus 400V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1360V^{(1),(3)} \oplus 1360V^{(1),(2,1)} \oplus 1360V^{(1),(1,1,1)} \oplus 550V^{(1),(4)} \oplus 650V^{(1),(3,1)} \oplus 650V^{(1),(2,1,1)} \oplus 550V^{(1),(1,1,1,1)} \oplus 204V^{(1),(4,1)} \oplus 256V^{(1),(3,1,1)} \oplus 204V^{(1),(2,1,1,1)} \oplus 3V^{(1),(4,1,1)} \oplus 3V^{(1),(3,1,1,1)} \oplus 280V^{(2),\varnothing} \oplus 2580V^{(2),(1)} \oplus 1352V^{(2),(2)} \oplus 1352V^{(2),(1,1)} \oplus 606V^{(2),(3)} \oplus 630V^{(2),(2,1)} \oplus 606V^{(2),(1,1,1)} \oplus 140V^{(2),(4)} \oplus 176V^{(2),(3,1)} \oplus 176V^{(2),(2,1,1)} \oplus 140V^{(2),(1,1,1,1)} \oplus 6V^{(2),(4,1)} \oplus 7V^{(2),(3,1,1)} \oplus 6V^{(2),(2,1,1,1)} \oplus 280V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1580V^{(1,1),(2)} \oplus 1580V^{(1,1),(1,1)} \oplus 738V^{(1,1),(3)} \oplus 774V^{(1,1),(2,1)} \oplus$

Table 173: Table for $\lambda = (2,2,2,1)$, $\mu = (3,3,1)$:

$k = 14: \quad 46V^{\varnothing,\varnothing}$
$k = 13: \quad 8230V^{\varnothing,\varnothing} \oplus 253V^{\varnothing,(1)} \oplus 521V^{(1),\varnothing}$
$k = 12: \quad 15432V^{\varnothing,\varnothing} \oplus 7676V^{\varnothing,(1)} \oplus 92V^{\varnothing,(2)} \oplus 92V^{\varnothing,(1,1)} \oplus 8004V^{(1),\varnothing} \oplus 1415V^{(1),(1)} \oplus 147V^{(2),\varnothing} \oplus 150V^{(1,1),\varnothing}$
$k = 11: \quad 15070V^{\varnothing,\varnothing} \oplus 13362V^{\varnothing,(1)} \oplus 2920V^{\varnothing,(2)} \oplus 2920V^{\varnothing,(1,1)} \oplus 29V^{\varnothing,(3)} \oplus 33V^{\varnothing,(2,1)} \oplus 24V^{\varnothing,(1,1,1)} \oplus 13686V^{(1),\varnothing} \oplus 11600V^{(1),(1)} \oplus 407V^{(1),(2)} \oplus 407V^{(1),(1,1)} \oplus 2138V^{(2),\varnothing} \oplus 435V^{(2),(1)} \oplus 3106V^{(1,1),\varnothing} \oplus 443V^{(1,1),(1)} \oplus 40V^{(2,1),\varnothing} \oplus 40V^{(1,1,1),\varnothing}$
$k = 10: \quad 11144V^{\varnothing,\varnothing} \oplus 11236V^{\varnothing,(1)} \oplus 4570V^{\varnothing,(2)} \oplus 4570V^{\varnothing,(1,1)} \oplus 752V^{\varnothing,(3)} \oplus 1464V^{\varnothing,(2,1)} \oplus 702V^{\varnothing,(1,1,1)} \oplus 11V^{\varnothing,(3,1)} \oplus 11V^{\varnothing,(2,2)} \oplus 9V^{\varnothing,(2,1,1)} \oplus 12754V^{(1),\varnothing} \oplus 19454V^{(1),(1)} \oplus 4120V^{(1),(2)} \oplus 4120V^{(1),(1,1)} \oplus 95V^{(1),(3)} \oplus 103V^{(1),(2,1)} \oplus 77V^{(1),(1,1,1)} \oplus 3216V^{(2),\varnothing} \oplus 3552V^{(2),(1)} \oplus 267V^{(2),(2)} \oplus 267V^{(2),(1,1)} \oplus 4866V^{(1,1),\varnothing} \oplus 4312V^{(1,1),(1)} \oplus 275V^{(1,1),(2)} \oplus 275V^{(1,1),(1,1)} \oplus 1146V^{(2,1),\varnothing} \oplus 125V^{(2,1),(1)} \oplus 1146V^{(1,1,1),\varnothing} \oplus 125V^{(1,1,1),(1)} \oplus 11V^{(2,2),\varnothing} \oplus 12V^{(2,1,1),\varnothing} \oplus 9V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 4854V^{\varnothing,\varnothing} \oplus 7136V^{\varnothing,(1)} \oplus 3120V^{\varnothing,(2)} \oplus 3120V^{\varnothing,(1,1)} \oplus 902V^{\varnothing,(3)} \oplus 1902V^{\varnothing,(2,1)} \oplus 902V^{\varnothing,(1,1,1)} \oplus 464V^{\varnothing,(3,1)} \oplus 464V^{\varnothing,(2,2)} \oplus 412V^{\varnothing,(2,1,1)} \oplus 4V^{\varnothing,(3,2)} \oplus 3V^{\varnothing,(3,1,1)} \oplus 3V^{\varnothing,(2,2,1)} \oplus 8394V^{(1),\varnothing} \oplus 17576V^{(1),(1)} \oplus 6522V^{(1),(2)} \oplus 6522V^{(1),(1,1)} \oplus 1272V^{(1),(3)} \oplus 1768V^{(1),(2,1)} \oplus 1200V^{(1),(1,1,1)} \oplus 31V^{(1),(3,1)} \oplus 31V^{(1),(2,2)} \oplus 27V^{(1),(2,1,1)} \oplus 2536V^{(2),\varnothing} \oplus 5514V^{(2),(1)} \oplus 1308V^{(2),(2)} \oplus 1308V^{(2),(1,1)} \oplus 82V^{(2),(3)} \oplus 88V^{(2),(2,1)} \oplus 70V^{(2),(1,1,1)} \oplus 3736V^{(1,1),\varnothing} \oplus 6738V^{(1,1),(1)} \oplus 1604V^{(1,1),(2)} \oplus 1604V^{(1,1),(1,1)} \oplus 87V^{(1,1),(3)} \oplus 97V^{(1,1),(2,1)} \oplus 75V^{(1,1),(1,1,1)} \oplus 1478V^{(2,1),\varnothing} \oplus 1560V^{(2,1),(1)} \oplus 101V^{(2,1),(2)} \oplus 101V^{(2,1),(1,1)} \oplus 1478V^{(1,1,1),\varnothing} \oplus 1560V^{(1,1,1),(1)} \oplus 101V^{(1,1,1),(2)} \oplus 101V^{(1,1,1),(1,1)} \oplus 340V^{(2,2),\varnothing} \oplus 33V^{(2,2),(1)} \oplus 492V^{(2,1,1),\varnothing} \oplus 35V^{(2,1,1),(1)} \oplus 288V^{(1,1,1,1),\varnothing} \oplus 27V^{(1,1,1,1),(1)} \oplus 4V^{(2,2,1),\varnothing} \oplus 3V^{(2,1,1,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 2196V^{\varnothing,(1)} \oplus 1356V^{\varnothing,(2)} \oplus 1356V^{\varnothing,(1,1)} \oplus 428V^{\varnothing,(3)} \oplus 948V^{\varnothing,(2,1)} \oplus 428V^{\varnothing,(1,1,1)} \oplus 384V^{\varnothing,(3,1)} \oplus 384V^{\varnothing,(2,2)} \oplus 384V^{\varnothing,(2,1,1)} \oplus 180V^{\varnothing,(3,2)} \oplus 104V^{\varnothing,(3,1,1)} \oplus 104V^{\varnothing,(2,2,1)} \oplus V^{\varnothing,(3,3)} \oplus V^{\varnothing,(3,2,1)} \oplus 3456V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 5136V^{(1),(2)} \oplus 5136V^{(1),(1,1)} \oplus 1794V^{(1),(3)} \oplus 2466V^{(1),(2,1)} \oplus 1794V^{(1),(1,1,1)} \oplus 592V^{(1),(3,1)} \oplus 592V^{(1),(2,2)} \oplus 552V^{(1),(2,1,1)} \oplus 9V^{(1),(3,2)} \oplus 7V^{(1),(3,1,1)} \oplus 7V^{(1),(2,2,1)} \oplus 1308V^{(2),\varnothing} \oplus 4496V^{(2),(1)} \oplus 1862V^{(2),(2)} \oplus 1862V^{(2),(1,1)} \oplus 412V^{(2),(3)} \oplus 524V^{(2),(2,1)} \oplus 388V^{(2),(1,1,1)} \oplus 23V^{(2),(3,1)} \oplus 23V^{(2),(2,2)} \oplus 19V^{(2),(2,1,1)} \oplus 1776V^{(1,1),\varnothing} \oplus 5280V^{(1,1),(1)} \oplus 2294V^{(1,1),(2)} \oplus 2294V^{(1,1),(1,1)} \oplus 484V^{(1,1),(3)} \oplus 692V^{(1,1),(2,1)} \oplus 460V^{(1,1),(1,1,1)} \oplus 29V^{(1,1),(3,1)} \oplus 29V^{(1,1),(2,2)} \oplus 23V^{(1,1),(2,1,1)} \oplus 856V^{(2,1),\varnothing} \oplus 2166V^{(2,1),(1)} \oplus 588V^{(2,1),(2)} \oplus 588V^{(2,1),(1,1)} \oplus 59V^{(2,1),(3)} \oplus 67V^{(2,1),(2,1)} \oplus 47V^{(2,1),(1,1,1)} \oplus 856V^{(1,1,1),\varnothing} \oplus 2166V^{(1,1,1),(1)} \oplus 588V^{(1,1,1),(2)} \oplus 588V^{(1,1,1),(1,1)} \oplus 59V^{(1,1,1),(3)} \oplus 67V^{(1,1,1),(2,1)} \oplus 47V^{(1,1,1),(1,1,1)} \oplus 276V^{(2,2),\varnothing} \oplus 528V^{(2,2),(1)} \oplus 33V^{(2,2),(2)} \oplus 33V^{(2,2),(1,1)} \oplus 426V^{(2,1,1),\varnothing} \oplus 632V^{(2,1,1),(1)} \oplus 35V^{(2,1,1),(2)} \oplus 35V^{(2,1,1),(1,1)} \oplus 276V^{(1,1,1,1),\varnothing} \oplus 468V^{(1,1,1,1),(1)} \oplus 27V^{(1,1,1,1),(2)} \oplus 27V^{(1,1,1,1),(1,1)} \oplus 194V^{(2,2,1),\varnothing} \oplus 11V^{(2,2,1),(1)} \oplus 118V^{(2,1,1,1),\varnothing} \oplus 9V^{(2,1,1,1),(1)} \oplus V^{(2,2,2),\varnothing} \oplus V^{(2,2,1,1),\varnothing}$
$k = 7: \quad 196V^{\varnothing,(1)} \oplus 126V^{\varnothing,(2)} \oplus 126V^{\varnothing,(1,1)} \oplus 84V^{\varnothing,(3)} \oplus 84V^{\varnothing,(2,1)} \oplus 84V^{\varnothing,(1,1,1)} \oplus 42V^{\varnothing,(3,1)} \oplus 42V^{\varnothing,(2,2)} \oplus 42V^{\varnothing,(2,1,1)} \oplus 28V^{\varnothing,(3,2)} \oplus 28V^{\varnothing,(3,1,1)} \oplus 28V^{\varnothing,(2,2,1)} \oplus 14V^{\varnothing,(3,3)} \oplus 14V^{\varnothing,(3,2,1)} \oplus 441V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1200V^{(1),(3)} \oplus 1520V^{(1),(2,1)} \oplus 1200V^{(1),(1,1,1)} \oplus 650V^{(1),(3,1)} \oplus 650V^{(1),(2,2)} \oplus 650V^{(1),(2,1,1)} \oplus 256V^{(1),(3,2)} \oplus 204V^{(1),(3,1,1)} \oplus 204V^{(1),(2,2,1)} \oplus 3V^{(1),(3,3)} \oplus 3V^{(1),(3,2,1)} \oplus 336V^{(2),\varnothing} \oplus 2580V^{(2),(1)} \oplus 1352V^{(2),(2)} \oplus 1352V^{(2),(1,1)} \oplus 552V^{(2),(3)} \oplus 684V^{(2),(2,1)} \oplus 552V^{(2),(1,1,1)} \oplus 176V^{(2),(3,1)} \oplus 176V^{(2),(2,2)} \oplus 160V^{(2),(2,1,1)} \oplus 7V^{(2),(3,2)} \oplus 6V^{(2),(3,1,1)} \oplus 6V^{(2),(2,2,1)} \oplus 336V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1580V^{(1,1),(2)} \oplus 1580V^{(1,1),(1,1)} \oplus 630V^{(1,1),(3)} \oplus 882V^{(1,1),(2,1)} \oplus 630V^{(1,1),(1,1,1)} \oplus 232V^{(1,1),(3,1)} \oplus 232V^{(1,1),(2,2)} \oplus$

Table 174: Table for $\lambda = (2,2,2,1)$, $\mu = (3,2,2)$:

$k = 14: \quad 71V^{\varnothing,\varnothing}$
$k = 13: \quad 8255V^{\varnothing,\varnothing} \oplus 253V^{\varnothing,(1)} \oplus 521V^{(1),\varnothing}$
$k = 12: \quad 15432V^{\varnothing,\varnothing} \oplus 7676V^{\varnothing,(1)} \oplus 92V^{\varnothing,(2)} \oplus 92V^{\varnothing,(1,1)} \oplus 8004V^{(1),\varnothing} \oplus 1415V^{(1),(1)} \oplus 147V^{(2),\varnothing} \oplus 150V^{(1,1),\varnothing}$
$k = 11: \quad 15070V^{\varnothing,\varnothing} \oplus 13362V^{\varnothing,(1)} \oplus 2920V^{\varnothing,(2)} \oplus 2920V^{\varnothing,(1,1)} \oplus 24V^{\varnothing,(3)} \oplus 33V^{\varnothing,(2,1)} \oplus 29V^{\varnothing,(1,1,1)} \oplus 13686V^{(1),\varnothing} \oplus 11600V^{(1),(1)} \oplus 407V^{(1),(2)} \oplus 407V^{(1),(1,1)} \oplus 2138V^{(2),\varnothing} \oplus 435V^{(2),(1)} \oplus 3106V^{(1,1),\varnothing} \oplus 443V^{(1,1),(1)} \oplus 40V^{(2,1),\varnothing} \oplus 40V^{(1,1,1),\varnothing}$
$k = 10: \quad 11144V^{\varnothing,\varnothing} \oplus 11236V^{\varnothing,(1)} \oplus 4570V^{\varnothing,(2)} \oplus 4570V^{\varnothing,(1,1)} \oplus 702V^{\varnothing,(3)} \oplus 1464V^{\varnothing,(2,1)} \oplus 752V^{\varnothing,(1,1,1)} \oplus 9V^{\varnothing,(3,1)} \oplus 11V^{\varnothing,(2,2)} \oplus 11V^{\varnothing,(2,1,1)} \oplus 12754V^{(1),\varnothing} \oplus 19454V^{(1),(1)} \oplus 4120V^{(1),(2)} \oplus 4120V^{(1),(1,1)} \oplus 77V^{(1),(3)} \oplus 103V^{(1),(2,1)} \oplus 95V^{(1),(1,1,1)} \oplus 3216V^{(2),\varnothing} \oplus 3552V^{(2),(1)} \oplus 267V^{(2),(2)} \oplus 267V^{(2),(1,1)} \oplus 4866V^{(1,1),\varnothing} \oplus 4312V^{(1,1),(1)} \oplus 275V^{(1,1),(2)} \oplus 275V^{(1,1),(1,1)} \oplus 1146V^{(2,1),\varnothing} \oplus 125V^{(2,1),(1)} \oplus 1146V^{(1,1,1),\varnothing} \oplus 125V^{(1,1,1),(1)} \oplus 11V^{(2,2),\varnothing} \oplus 12V^{(2,1,1),\varnothing} \oplus 9V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 4854V^{\varnothing,\varnothing} \oplus 7136V^{\varnothing,(1)} \oplus 3120V^{\varnothing,(2)} \oplus 3120V^{\varnothing,(1,1)} \oplus 902V^{\varnothing,(3)} \oplus 1902V^{\varnothing,(2,1)} \oplus 902V^{\varnothing,(1,1,1)} \oplus 412V^{\varnothing,(3,1)} \oplus 464V^{\varnothing,(2,2)} \oplus 464V^{\varnothing,(2,1,1)} \oplus 3V^{\varnothing,(3,2)} \oplus 3V^{\varnothing,(3,1,1)} \oplus 4V^{\varnothing,(2,2,1)} \oplus 8394V^{(1),\varnothing} \oplus 17576V^{(1),(1)} \oplus 6522V^{(1),(2)} \oplus 6522V^{(1),(1,1)} \oplus 1200V^{(1),(3)} \oplus 1768V^{(1),(2,1)} \oplus 1272V^{(1),(1,1,1)} \oplus 27V^{(1),(3,1)} \oplus 31V^{(1),(2,2)} \oplus 31V^{(1),(2,1,1)} \oplus 2536V^{(2),\varnothing} \oplus 5514V^{(2),(1)} \oplus 1308V^{(2),(2)} \oplus 1308V^{(2),(1,1)} \oplus 70V^{(2),(3)} \oplus 88V^{(2),(2,1)} \oplus 82V^{(2),(1,1,1)} \oplus 3736V^{(1,1),\varnothing} \oplus 6738V^{(1,1),(1)} \oplus 1604V^{(1,1),(2)} \oplus 1604V^{(1,1),(1,1)} \oplus 75V^{(1,1),(3)} \oplus 97V^{(1,1),(2,1)} \oplus 87V^{(1,1),(1,1,1)} \oplus 1478V^{(2,1),\varnothing} \oplus 1560V^{(2,1),(1)} \oplus 101V^{(2,1),(2)} \oplus 101V^{(2,1),(1,1)} \oplus 1478V^{(1,1,1),\varnothing} \oplus 1560V^{(1,1,1),(1)} \oplus 101V^{(1,1,1),(2)} \oplus 101V^{(1,1,1),(1,1)} \oplus 340V^{(2,2),\varnothing} \oplus 33V^{(2,2),(1)} \oplus 492V^{(2,1,1),\varnothing} \oplus 35V^{(2,1,1),(1)} \oplus 288V^{(1,1,1,1),\varnothing} \oplus 27V^{(1,1,1,1),(1)} \oplus 4V^{(2,2,1),\varnothing} \oplus 3V^{(2,1,1,1),\varnothing}$
$k = 8: \quad 1014V^{\varnothing,\varnothing} \oplus 2196V^{\varnothing,(1)} \oplus 1356V^{\varnothing,(2)} \oplus 1356V^{\varnothing,(1,1)} \oplus 428V^{\varnothing,(3)} \oplus 948V^{\varnothing,(2,1)} \oplus 428V^{\varnothing,(1,1,1)} \oplus 384V^{\varnothing,(3,1)} \oplus 384V^{\varnothing,(2,2)} \oplus 384V^{\varnothing,(2,1,1)} \oplus 104V^{\varnothing,(3,2)} \oplus 104V^{\varnothing,(3,1,1)} \oplus 180V^{\varnothing,(2,2,1)} \oplus V^{\varnothing,(3,2,1)} \oplus V^{\varnothing,(2,2,2)} \oplus 3456V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 5136V^{(1),(2)} \oplus 5136V^{(1),(1,1)} \oplus 1794V^{(1),(3)} \oplus 2466V^{(1),(2,1)} \oplus 1794V^{(1),(1,1,1)} \oplus 552V^{(1),(3,1)} \oplus 592V^{(1),(2,2)} \oplus 592V^{(1),(2,1,1)} \oplus 7V^{(1),(3,2)} \oplus 7V^{(1),(3,1,1)} \oplus 9V^{(1),(2,2,1)} \oplus 1308V^{(2),\varnothing} \oplus 4496V^{(2),(1)} \oplus 1862V^{(2),(2)} \oplus 1862V^{(2),(1,1)} \oplus 388V^{(2),(3)} \oplus 524V^{(2),(2,1)} \oplus 412V^{(2),(1,1,1)} \oplus 19V^{(2),(3,1)} \oplus 23V^{(2),(2,2)} \oplus 23V^{(2),(2,1,1)} \oplus 1776V^{(1,1),\varnothing} \oplus 5280V^{(1,1),(1)} \oplus 2294V^{(1,1),(2)} \oplus 2294V^{(1,1),(1,1)} \oplus 460V^{(1,1),(3)} \oplus 692V^{(1,1),(2,1)} \oplus 484V^{(1,1),(1,1,1)} \oplus 23V^{(1,1),(3,1)} \oplus 29V^{(1,1),(2,2)} \oplus 29V^{(1,1),(2,1,1)} \oplus 856V^{(2,1),\varnothing} \oplus 2166V^{(2,1),(1)} \oplus 588V^{(2,1),(2)} \oplus 588V^{(2,1),(1,1)} \oplus 47V^{(2,1),(3)} \oplus 67V^{(2,1),(2,1)} \oplus 59V^{(2,1),(1,1,1)} \oplus 856V^{(1,1,1),\varnothing} \oplus 2166V^{(1,1,1),(1)} \oplus 588V^{(1,1,1),(2)} \oplus 588V^{(1,1,1),(1,1)} \oplus 47V^{(1,1,1),(3)} \oplus 67V^{(1,1,1),(2,1)} \oplus 59V^{(1,1,1),(1,1,1)} \oplus 276V^{(2,2),\varnothing} \oplus 528V^{(2,2),(1)} \oplus 33V^{(2,2),(2)} \oplus 33V^{(2,2),(1,1)} \oplus 426V^{(2,1,1),\varnothing} \oplus 632V^{(2,1,1),(1)} \oplus 35V^{(2,1,1),(2)} \oplus 35V^{(2,1,1),(1,1)} \oplus 276V^{(1,1,1,1),\varnothing} \oplus 468V^{(1,1,1,1),(1)} \oplus 27V^{(1,1,1,1),(2)} \oplus 27V^{(1,1,1,1),(1,1)} \oplus 194V^{(2,2,1),\varnothing} \oplus 11V^{(2,2,1),(1)} \oplus 118V^{(2,1,1,1),\varnothing} \oplus 9V^{(2,1,1,1),(1)} \oplus V^{(2,2,2),\varnothing} \oplus V^{(2,2,1,1),\varnothing}$
$k = 7: \quad 196V^{\varnothing,(1)} \oplus 126V^{\varnothing,(2)} \oplus 126V^{\varnothing,(1,1)} \oplus 84V^{\varnothing,(3)} \oplus 84V^{\varnothing,(2,1)} \oplus 84V^{\varnothing,(1,1,1)} \oplus 42V^{\varnothing,(3,1)} \oplus 42V^{\varnothing,(2,2)} \oplus 42V^{\varnothing,(2,1,1)} \oplus 28V^{\varnothing,(3,2)} \oplus 28V^{\varnothing,(3,1,1)} \oplus 28V^{\varnothing,(2,2,1)} \oplus 14V^{\varnothing,(3,2,1)} \oplus 14V^{\varnothing,(2,2,2)} \oplus 441V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1200V^{(1),(3)} \oplus 1520V^{(1),(2,1)} \oplus 1200V^{(1),(1,1,1)} \oplus 650V^{(1),(3,1)} \oplus 650V^{(1),(2,2)} \oplus 650V^{(1),(2,1,1)} \oplus 204V^{(1),(3,2)} \oplus 204V^{(1),(3,1,1)} \oplus 256V^{(1),(2,2,1)} \oplus 3V^{(1),(3,2,1)} \oplus 3V^{(1),(2,2,2)} \oplus 336V^{(2),\varnothing} \oplus 2580V^{(2),(1)} \oplus 1352V^{(2),(2)} \oplus 1352V^{(2),(1,1)} \oplus 552V^{(2),(3)} \oplus 684V^{(2),(2,1)} \oplus 552V^{(2),(1,1,1)} \oplus 160V^{(2),(3,1)} \oplus 176V^{(2),(2,2)} \oplus 176V^{(2),(2,1,1)} \oplus 6V^{(2),(3,2)} \oplus 6V^{(2),(3,1,1)} \oplus 7V^{(2),(2,2,1)} \oplus 336V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1580V^{(1,1),(2)} \oplus 1580V^{(1,1),(1,1)} \oplus 630V^{(1,1),(3)} \oplus 882V^{(1,1),(2,1)} \oplus 630V^{(1,1),(1,1,1)} \oplus 208V^{(1,1),(3,1)} \oplus 232V^{(1,1),(2,2)} \oplus$

Table 175: Table for $\lambda = (2,2,2,1)$, $\mu = (3,2,1,1)$:

$k = 14: \quad 144V^{\varnothing,\varnothing}$
$k = 13: \quad 8587V^{\varnothing,\varnothing} \oplus 313V^{\varnothing,(1)} \oplus 711V^{(1),\varnothing}$
$k = 12: \quad 15874V^{\varnothing,\varnothing} \oplus 8070V^{\varnothing,(1)} \oplus 111V^{\varnothing,(2)} \oplus 113V^{\varnothing,(1,1)} \oplus 9148V^{(1),\varnothing} \oplus 1721V^{(1),(1)} \oplus 165V^{(2),\varnothing} \oplus 168V^{(1,1),\varnothing}$
$k = 11: \quad 15468V^{\varnothing,\varnothing} \oplus 13716V^{\varnothing,(1)} \oplus 3076V^{\varnothing,(2)} \oplus 3284V^{\varnothing,(1,1)} \oplus 29V^{\varnothing,(3)} \oplus 40V^{\varnothing,(2,1)} \oplus 37V^{\varnothing,(1,1,1)} \oplus 15798V^{(1),\varnothing} \oplus 12320V^{(1),(1)} \oplus 473V^{(1),(2)} \oplus 477V^{(1),(1,1)} \oplus 2510V^{(2),\varnothing} \oplus 615V^{(2),(1)} \oplus 3478V^{(1,1),\varnothing} \oplus 623V^{(1,1),(1)} \oplus 41V^{(2,1),\varnothing} \oplus 41V^{(1,1,1),\varnothing}$
$k = 10: \quad 12026V^{\varnothing,\varnothing} \oplus 11356V^{\varnothing,(1)} \oplus 4660V^{\varnothing,(2)} \oplus 4960V^{\varnothing,(1,1)} \oplus 752V^{\varnothing,(3)} \oplus 1618V^{\varnothing,(2,1)} \oplus 1210V^{\varnothing,(1,1,1)} \oplus 11V^{\varnothing,(3,1)} \oplus 11V^{\varnothing,(2,2)} \oplus 14V^{\varnothing,(2,1,1)} \oplus 10V^{\varnothing,(1,1,1,1)} \oplus 15358V^{(1),\varnothing} \oplus 19874V^{(1),(1)} \oplus 4360V^{(1),(2)} \oplus 4520V^{(1),(1,1)} \oplus 95V^{(1),(3)} \oplus 125V^{(1),(2,1)} \oplus 119V^{(1),(1,1,1)} \oplus 3916V^{(2),\varnothing} \oplus 3744V^{(2),(1)} \oplus 327V^{(2),(2)} \oplus 331V^{(2),(1,1)} \oplus 5566V^{(1,1),\varnothing} \oplus 4504V^{(1,1),(1)} \oplus 335V^{(1,1),(2)} \oplus 341V^{(1,1),(1,1)} \oplus 1286V^{(2,1),\varnothing} \oplus 161V^{(2,1),(1)} \oplus 1286V^{(1,1,1),\varnothing} \oplus 161V^{(1,1,1),(1)} \oplus 11V^{(2,2),\varnothing} \oplus 12V^{(2,1,1),\varnothing} \oplus 9V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 5540V^{\varnothing,\varnothing} \oplus 7136V^{\varnothing,(1)} \oplus 3120V^{\varnothing,(2)} \oplus 3280V^{\varnothing,(1,1)} \oplus 902V^{\varnothing,(3)} \oplus 2002V^{\varnothing,(2,1)} \oplus 1452V^{\varnothing,(1,1,1)} \oplus 464V^{\varnothing,(3,1)} \oplus 464V^{\varnothing,(2,2)} \oplus 668V^{\varnothing,(2,1,1)} \oplus 312V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(3,2)} \oplus 4V^{\varnothing,(3,1,1)} \oplus 4V^{\varnothing,(2,2,1)} \oplus 4V^{\varnothing,(2,1,1,1)} \oplus 11425V^{(1),\varnothing} \oplus 17684V^{(1),(1)} \oplus 6630V^{(1),(2)} \oplus 6846V^{(1),(1,1)} \oplus 1272V^{(1),(3)} \oplus 1920V^{(1),(2,1)} \oplus 1632V^{(1),(1,1,1)} \oplus 31V^{(1),(3,1)} \oplus 31V^{(1),(2,2)} \oplus 37V^{(1),(2,1,1)} \oplus 29V^{(1),(1,1,1,1)} \oplus 3320V^{(2),\varnothing} \oplus 5586V^{(2),(1)} \oplus 1404V^{(2),(2)} \oplus 1468V^{(2),(1,1)} \oplus 82V^{(2),(3)} \oplus 104V^{(2),(2,1)} \oplus 99V^{(2),(1,1,1)} \oplus 4520V^{(1,1),\varnothing} \oplus 6810V^{(1,1),(1)} \oplus 1700V^{(1,1),(2)} \oplus 1796V^{(1,1),(1,1)} \oplus 87V^{(1,1),(3)} \oplus 115V^{(1,1),(2,1)} \oplus 107V^{(1,1),(1,1,1)} \oplus 1730V^{(2,1),\varnothing} \oplus 1608V^{(2,1),(1)} \oplus 137V^{(2,1),(2)} \oplus 141V^{(2,1),(1,1)} \oplus 1730V^{(1,1,1),\varnothing} \oplus 1608V^{(1,1,1),(1)} \oplus 137V^{(1,1,1),(2)} \oplus 141V^{(1,1,1),(1,1)} \oplus 396V^{(2,2),\varnothing} \oplus 39V^{(2,2),(1)} \oplus 548V^{(2,1,1),\varnothing} \oplus 41V^{(2,1,1),(1)} \oplus 344V^{(1,1,1,1),\varnothing} \oplus 33V^{(1,1,1,1),(1)} \oplus 4V^{(2,2,1),\varnothing} \oplus 3V^{(2,1,1,1),\varnothing}$
$k = 8: \quad 1210V^{\varnothing,\varnothing} \oplus 2196V^{\varnothing,(1)} \oplus 1356V^{\varnothing,(2)} \oplus 1356V^{\varnothing,(1,1)} \oplus 428V^{\varnothing,(3)} \oplus 948V^{\varnothing,(2,1)} \oplus 688V^{\varnothing,(1,1,1)} \oplus 384V^{\varnothing,(3,1)} \oplus 384V^{\varnothing,(2,2)} \oplus 534V^{\varnothing,(2,1,1)} \oplus 234V^{\varnothing,(1,1,1,1)} \oplus 104V^{\varnothing,(3,2)} \oplus 180V^{\varnothing,(3,1,1)} \oplus 180V^{\varnothing,(2,2,1)} \oplus 180V^{\varnothing,(2,1,1,1)} \oplus V^{\varnothing,(3,2,1)} \oplus V^{\varnothing,(3,1,1,1)} \oplus V^{\varnothing,(2,2,1,1)} \oplus 5640V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 5136V^{(1),(2)} \oplus 5232V^{(1),(1,1)} \oplus 1794V^{(1),(3)} \oplus 2538V^{(1),(2,1)} \oplus 2166V^{(1),(1,1,1)} \oplus 592V^{(1),(3,1)} \oplus 592V^{(1),(2,2)} \oplus 736V^{(1),(2,1,1)} \oplus 488V^{(1),(1,1,1,1)} \oplus 7V^{(1),(3,2)} \oplus 9V^{(1),(3,1,1)} \oplus 9V^{(1),(2,2,1)} \oplus 9V^{(1),(2,1,1,1)} \oplus 2043V^{(2),\varnothing} \oplus 4496V^{(2),(1)} \oplus 1886V^{(2),(2)} \oplus 1958V^{(2),(1,1)} \oplus 412V^{(2),(3)} \oplus 580V^{(2),(2,1)} \oplus 508V^{(2),(1,1,1)} \oplus 23V^{(2),(3,1)} \oplus 23V^{(2),(2,2)} \oplus 28V^{(2),(2,1,1)} \oplus 22V^{(2),(1,1,1,1)} \oplus 2511V^{(1,1),\varnothing} \oplus 5280V^{(1,1),(1)} \oplus 2318V^{(1,1),(2)} \oplus 2426V^{(1,1),(1,1)} \oplus 484V^{(1,1),(3)} \oplus 764V^{(1,1),(2,1)} \oplus 636V^{(1,1),(1,1,1)} \oplus 29V^{(1,1),(3,1)} \oplus 29V^{(1,1),(2,2)} \oplus 37V^{(1,1),(2,1,1)} \oplus 27V^{(1,1),(1,1,1,1)} \oplus 1080V^{(2,1),\varnothing} \oplus 2166V^{(2,1),(1)} \oplus 612V^{(2,1),(2)} \oplus 644V^{(2,1),(1,1)} \oplus 59V^{(2,1),(3)} \oplus 83V^{(2,1),(2,1)} \oplus 77V^{(2,1),(1,1,1)} \oplus 1080V^{(1,1,1),\varnothing} \oplus 2166V^{(1,1,1),(1)} \oplus 612V^{(1,1,1),(2)} \oplus 644V^{(1,1,1),(1,1)} \oplus 59V^{(1,1,1),(3)} \oplus 83V^{(1,1,1),(2,1)} \oplus 77V^{(1,1,1),(1,1,1)} \oplus 360V^{(2,2),\varnothing} \oplus 528V^{(2,2),(1)} \oplus 39V^{(2,2),(2)} \oplus 43V^{(2,2),(1,1)} \oplus 510V^{(2,1,1),\varnothing} \oplus 632V^{(2,1,1),(1)} \oplus 41V^{(2,1,1),(2)} \oplus 45V^{(2,1,1),(1,1)} \oplus 360V^{(1,1,1,1),\varnothing} \oplus 468V^{(1,1,1,1),(1)} \oplus 33V^{(1,1,1,1),(2)} \oplus 35V^{(1,1,1,1),(1,1)} \oplus 222V^{(2,2,1),\varnothing} \oplus 11V^{(2,2,1),(1)} \oplus 146V^{(2,1,1,1),\varnothing} \oplus 9V^{(2,1,1,1),(1)} \oplus V^{(2,2,2),\varnothing} \oplus V^{(2,2,1,1),\varnothing}$
$k = 7: \quad 196V^{\varnothing,(1)} \oplus 126V^{\varnothing,(2)} \oplus 126V^{\varnothing,(1,1)} \oplus 84V^{\varnothing,(3)} \oplus 84V^{\varnothing,(2,1)} \oplus 84V^{\varnothing,(1,1,1)} \oplus 42V^{\varnothing,(3,1)} \oplus 42V^{\varnothing,(2,2)} \oplus 42V^{\varnothing,(2,1,1)} \oplus 42V^{\varnothing,(1,1,1,1)} \oplus 28V^{\varnothing,(3,2)} \oplus 28V^{\varnothing,(3,1,1)} \oplus 28V^{\varnothing,(2,2,1)} \oplus 28V^{\varnothing,(2,1,1,1)} \oplus 14V^{\varnothing,(3,2,1)} \oplus 14V^{\varnothing,(3,1,1,1)} \oplus 14V^{\varnothing,(2,2,1,1)} \oplus 1225V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1200V^{(1),(3)} \oplus 1520V^{(1),(2,1)} \oplus 1360V^{(1),(1,1,1)} \oplus 650V^{(1),(3,1)} \oplus 650V^{(1),(2,2)} \oplus 750V^{(1),(2,1,1)} \oplus 550V^{(1),(1,1,1,1)} \oplus 204V^{(1),(3,2)} \oplus 256V^{(1),(3,1,1)} \oplus 256V^{(1),(2,2,1)} \oplus 256V^{(1),(2,1,1,1)} \oplus 3V^{(1),(3,2,1)} \oplus 3V^{(1),(3,1,1,1)} \oplus 3V^{(1),(2,2,1,1)} \oplus 700V^{(2),\varnothing} \oplus 2580V^{(2),(1)} \oplus 1352V^{(2),(2)} \oplus 1376V^{(2),(1,1)} \oplus 552V^{(2),(3)} \oplus 708V^{(2),(2,1)} \oplus 630V^{(2),(1,1,1)} \oplus 176V^{(2),(3,1)} \oplus 176V^{(2),(2,2)} \oplus$

Table 176: Table for $\lambda = (2,2,2,1)$, $\mu = (3,1,1,1,1)$:

$k = 14: \quad 34V^{\varnothing,\varnothing}$
$k = 13: \quad 8062V^{\varnothing,\varnothing} \oplus 253V^{\varnothing,(1)} \oplus 293V^{(1),\varnothing}$
$k = 12: \quad 15192V^{\varnothing,\varnothing} \oplus 7676V^{\varnothing,(1)} \oplus 85V^{\varnothing,(2)} \oplus 92V^{\varnothing,(1,1)} \oplus 7368V^{(1),\varnothing} \oplus 1415V^{(1),(1)} \oplus 108V^{(2),\varnothing} \oplus 111V^{(1,1),\varnothing}$
$k = 11: \quad 14884V^{\varnothing,\varnothing} \oplus 13362V^{\varnothing,(1)} \oplus 2612V^{\varnothing,(2)} \oplus 2920V^{\varnothing,(1,1)} \oplus 22V^{\varnothing,(3)} \oplus 30V^{\varnothing,(2,1)} \oplus 32V^{\varnothing,(1,1,1)} \oplus 12750V^{(1),\varnothing} \oplus 11600V^{(1),(1)} \oplus 385V^{(1),(2)} \oplus 407V^{(1),(1,1)} \oplus 1958V^{(2),\varnothing} \oplus 435V^{(2),(1)} \oplus 2926V^{(1,1),\varnothing} \oplus 443V^{(1,1),(1)} \oplus 37V^{(2,1),\varnothing} \oplus 37V^{(1,1,1),\varnothing}$
$k = 10: \quad 10976V^{\varnothing,\varnothing} \oplus 11236V^{\varnothing,(1)} \oplus 4180V^{\varnothing,(2)} \oplus 4570V^{\varnothing,(1,1)} \oplus 598V^{\varnothing,(3)} \oplus 1056V^{\varnothing,(2,1)} \oplus 1160V^{\varnothing,(1,1,1)} \oplus 8V^{\varnothing,(3,1)} \oplus 11V^{\varnothing,(2,1,1)} \oplus 11V^{\varnothing,(1,1,1,1)} \oplus 11638V^{(1),\varnothing} \oplus 19454V^{(1),(1)} \oplus 3816V^{(1),(2)} \oplus 4120V^{(1),(1,1)} \oplus 73V^{(1),(3)} \oplus 97V^{(1),(2,1)} \oplus 101V^{(1),(1,1,1)} \oplus 2916V^{(2),\varnothing} \oplus 3552V^{(2),(1)} \oplus 251V^{(2),(2)} \oplus 267V^{(2),(1,1)} \oplus 4566V^{(1,1),\varnothing} \oplus 4312V^{(1,1),(1)} \oplus 257V^{(1,1),(2)} \oplus 275V^{(1,1),(1,1)} \oplus 1086V^{(2,1),\varnothing} \oplus 125V^{(2,1),(1)} \oplus 1086V^{(1,1,1),\varnothing} \oplus 125V^{(1,1,1),(1)} \oplus 11V^{(2,2),\varnothing} \oplus 12V^{(2,1,1),\varnothing} \oplus 9V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 4770V^{\varnothing,\varnothing} \oplus 7136V^{\varnothing,(1)} \oplus 2960V^{\varnothing,(2)} \oplus 3120V^{\varnothing,(1,1)} \oplus 802V^{\varnothing,(3)} \oplus 1352V^{\varnothing,(2,1)} \oplus 1452V^{\varnothing,(1,1,1)} \oplus 260V^{\varnothing,(3,1)} \oplus 464V^{\varnothing,(2,1,1)} \oplus 464V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(3,1,1)} \oplus 4V^{\varnothing,(2,1,1,1)} \oplus 3V^{\varnothing,(1,1,1,1,1)} \oplus 7185V^{(1),\varnothing} \oplus 17576V^{(1),(1)} \oplus 6198V^{(1),(2)} \oplus 6522V^{(1),(1,1)} \oplus 1120V^{(1),(3)} \oplus 1480V^{(1),(2,1)} \oplus 1560V^{(1),(1,1,1)} \oplus 25V^{(1),(3,1)} \oplus 31V^{(1),(2,1,1)} \oplus 31V^{(1),(1,1,1,1)} \oplus 2200V^{(2),\varnothing} \oplus 5514V^{(2),(1)} \oplus 1196V^{(2),(2)} \oplus 1308V^{(2),(1,1)} \oplus 66V^{(2),(3)} \oplus 83V^{(2),(2,1)} \oplus 87V^{(2),(1,1,1)} \oplus 3400V^{(1,1),\varnothing} \oplus 6738V^{(1,1),(1)} \oplus 1460V^{(1,1),(2)} \oplus 1604V^{(1,1),(1,1)} \oplus 69V^{(1,1),(3)} \oplus 89V^{(1,1),(2,1)} \oplus 95V^{(1,1),(1,1,1)} \oplus 1370V^{(2,1),\varnothing} \oplus 1560V^{(2,1),(1)} \oplus 85V^{(2,1),(2)} \oplus 101V^{(2,1),(1,1)} \oplus 1370V^{(1,1,1),\varnothing} \oplus 1560V^{(1,1,1),(1)} \oplus 85V^{(1,1,1),(2)} \oplus 101V^{(1,1,1),(1,1)} \oplus 316V^{(2,2),\varnothing} \oplus 33V^{(2,2),(1)} \oplus 468V^{(2,1,1),\varnothing} \oplus 35V^{(2,1,1),(1)} \oplus 264V^{(1,1,1,1),\varnothing} \oplus 27V^{(1,1,1,1),(1)} \oplus 4V^{(2,2,1),\varnothing} \oplus 3V^{(2,1,1,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 2196V^{\varnothing,(1)} \oplus 1356V^{\varnothing,(2)} \oplus 1356V^{\varnothing,(1,1)} \oplus 428V^{\varnothing,(3)} \oplus 688V^{\varnothing,(2,1)} \oplus 688V^{\varnothing,(1,1,1)} \oplus 234V^{\varnothing,(3,1)} \oplus 384V^{\varnothing,(2,1,1)} \oplus 384V^{\varnothing,(1,1,1,1)} \oplus 104V^{\varnothing,(3,1,1)} \oplus 180V^{\varnothing,(2,1,1,1)} \oplus 104V^{\varnothing,(1,1,1,1,1)} \oplus V^{\varnothing,(3,1,1,1)} \oplus V^{\varnothing,(2,1,1,1,1)} \oplus 2430V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 5040V^{(1),(2)} \oplus 5136V^{(1),(1,1)} \oplus 1722V^{(1),(3)} \oplus 2094V^{(1),(2,1)} \oplus 2166V^{(1),(1,1,1)} \oplus 448V^{(1),(3,1)} \oplus 592V^{(1),(2,1,1)} \oplus 592V^{(1),(1,1,1,1)} \oplus 7V^{(1),(3,1,1)} \oplus 9V^{(1),(2,1,1,1)} \oplus 7V^{(1),(1,1,1,1,1)} \oplus 993V^{(2),\varnothing} \oplus 4496V^{(2),(1)} \oplus 1766V^{(2),(2)} \oplus 1862V^{(2),(1,1)} \oplus 356V^{(2),(3)} \oplus 452V^{(2),(2,1)} \oplus 484V^{(2),(1,1,1)} \oplus 18V^{(2),(3,1)} \oplus 23V^{(2),(2,1,1)} \oplus 23V^{(2),(1,1,1,1)} \oplus 1461V^{(1,1),\varnothing} \oplus 5280V^{(1,1),(1)} \oplus 2162V^{(1,1),(2)} \oplus 2294V^{(1,1),(1,1)} \oplus 412V^{(1,1),(3)} \oplus 564V^{(1,1),(2,1)} \oplus 612V^{(1,1),(1,1,1)} \oplus 21V^{(1,1),(3,1)} \oplus 29V^{(1,1),(2,1,1)} \oplus 29V^{(1,1),(1,1,1,1)} \oplus 760V^{(2,1),\varnothing} \oplus 2166V^{(2,1),(1)} \oplus 532V^{(2,1),(2)} \oplus 588V^{(2,1),(1,1)} \oplus 43V^{(2,1),(3)} \oplus 61V^{(2,1),(2,1)} \oplus 65V^{(2,1),(1,1,1)} \oplus 760V^{(1,1,1),\varnothing} \oplus 2166V^{(1,1,1),(1)} \oplus 532V^{(1,1,1),(2)} \oplus 588V^{(1,1,1),(1,1)} \oplus 43V^{(1,1,1),(3)} \oplus 61V^{(1,1,1),(2,1)} \oplus 65V^{(1,1,1),(1,1,1)} \oplus 240V^{(2,2),\varnothing} \oplus 528V^{(2,2),(1)} \oplus 23V^{(2,2),(2)} \oplus 33V^{(2,2),(1,1)} \oplus 390V^{(2,1,1),\varnothing} \oplus 632V^{(2,1,1),(1)} \oplus 25V^{(2,1,1),(2)} \oplus 35V^{(2,1,1),(1,1)} \oplus 240V^{(1,1,1,1),\varnothing} \oplus 468V^{(1,1,1,1),(1)} \oplus 19V^{(1,1,1,1),(2)} \oplus 27V^{(1,1,1,1),(1,1)} \oplus 182V^{(2,2,1),\varnothing} \oplus 11V^{(2,2,1),(1)} \oplus 106V^{(2,1,1,1),\varnothing} \oplus 9V^{(2,1,1,1),(1)} \oplus V^{(2,2,2),\varnothing} \oplus V^{(2,2,1,1),\varnothing}$
$k = 7: \quad 196V^{\varnothing,(1)} \oplus 126V^{\varnothing,(2)} \oplus 126V^{\varnothing,(1,1)} \oplus 84V^{\varnothing,(3)} \oplus 84V^{\varnothing,(2,1)} \oplus 84V^{\varnothing,(1,1,1)} \oplus 42V^{\varnothing,(3,1)} \oplus 42V^{\varnothing,(2,1,1)} \oplus 42V^{\varnothing,(1,1,1,1)} \oplus 28V^{\varnothing,(3,1,1)} \oplus 28V^{\varnothing,(2,1,1,1)} \oplus 28V^{\varnothing,(1,1,1,1,1)} \oplus 14V^{\varnothing,(3,1,1,1)} \oplus 14V^{\varnothing,(2,1,1,1,1)} \oplus 225V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1200V^{(1),(3)} \oplus 1360V^{(1),(2,1)} \oplus 1360V^{(1),(1,1,1)} \oplus 550V^{(1),(3,1)} \oplus 650V^{(1),(2,1,1)} \oplus 650V^{(1),(1,1,1,1)} \oplus 204V^{(1),(3,1,1)} \oplus 256V^{(1),(2,1,1,1)} \oplus 204V^{(1),(1,1,1,1,1)} \oplus 3V^{(1),(3,1,1,1)} \oplus 3V^{(1),(2,1,1,1,1)} \oplus 165V^{(2),\varnothing} \oplus 2580V^{(2),(1)} \oplus 1328V^{(2),(2)} \oplus 1352V^{(2),(1,1)} \oplus 528V^{(2),(3)} \oplus 606V^{(2),(2,1)} \oplus 630V^{(2),(1,1,1)} \oplus 140V^{(2),(3,1)} \oplus 176V^{(2),(2,1,1)} \oplus 176V^{(2),(1,1,1,1)} \oplus 6V^{(2),(3,1,1)} \oplus 7V^{(2),(2,1,1,1)} \oplus 6V^{(2),(1,1,1,1,1)} \oplus 165V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1544V^{(1,1),(2)} \oplus 1580V^{(1,1),(1,1)} \oplus 594V^{(1,1),(3)} \oplus 738V^{(1,1),(2,1)} \oplus 774V^{(1,1),(1,1,1)} \oplus 168V^{(1,1),(3,1)} \oplus$

Table 177: Table for $\lambda = (2,2,2,1)$, $\mu = (2,2,2,1)$:

$k = 14: \quad 365V^{\varnothing,\varnothing}$
$k = 13: \quad 8318V^{\varnothing,\varnothing} \oplus 237V^{\varnothing,(1)} \oplus 237V^{(1),\varnothing}$
$k = 12: \quad 15286V^{\varnothing,\varnothing} \oplus 7044V^{\varnothing,(1)} \oplus 84V^{\varnothing,(2)} \oplus 87V^{\varnothing,(1,1)} \oplus 7044V^{(1),\varnothing} \oplus 1363V^{(1),(1)} \oplus 84V^{(2),\varnothing} \oplus 87V^{(1,1),\varnothing}$
$k = 11: \quad 14880V^{\varnothing,\varnothing} \oplus 12378V^{\varnothing,(1)} \oplus 1852V^{\varnothing,(2)} \oplus 2820V^{\varnothing,(1,1)} \oplus 30V^{\varnothing,(2,1)} \oplus 30V^{\varnothing,(1,1,1)} \oplus 12378V^{(1),\varnothing} \oplus 11008V^{(1),(1)} \oplus 383V^{(1),(2)} \oplus 389V^{(1),(1,1)} \oplus 1852V^{(2),\varnothing} \oplus 383V^{(2),(1)} \oplus 2820V^{(1,1),\varnothing} \oplus 389V^{(1,1),(1)} \oplus 30V^{(2,1),\varnothing} \oplus 30V^{(1,1,1),\varnothing}$
$k = 10:$ $11144V^{\varnothing,\varnothing} \oplus 10596V^{\varnothing,(1)} \oplus 2830V^{\varnothing,(2)} \oplus 4480V^{\varnothing,(1,1)} \oplus 1056V^{\varnothing,(2,1)} \oplus 1056V^{\varnothing,(1,1,1)} \oplus 10V^{\varnothing,(2,2)} \oplus 11V^{\varnothing,(2,1,1)} \oplus 8V^{\varnothing,(1,1,1,1)} \oplus 10596V^{(1),\varnothing} \oplus 18710V^{(1),(1)} \oplus 3296V^{(1),(2)} \oplus 3976V^{(1),(1,1)} \oplus 97V^{(1),(2,1)} \oplus 97V^{(1),(1,1,1)} \oplus 2830V^{(2),\varnothing} \oplus 3296V^{(2),(1)} \oplus 250V^{(2),(2)} \oplus 255V^{(2),(1,1)} \oplus 4480V^{(1,1),\varnothing} \oplus 3976V^{(1,1),(1)} \oplus 255V^{(1,1),(2)} \oplus 263V^{(1,1),(1,1)} \oplus 1056V^{(2,1),\varnothing} \oplus 97V^{(2,1),(1)} \oplus 1056V^{(1,1,1),\varnothing} \oplus 97V^{(1,1,1),(1)} \oplus 10V^{(2,2),\varnothing} \oplus 11V^{(2,1,1),\varnothing} \oplus 8V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 4952V^{\varnothing,\varnothing} \oplus 6896V^{\varnothing,(1)} \oplus 1920V^{\varnothing,(2)} \oplus 3120V^{\varnothing,(1,1)} \oplus 1352V^{\varnothing,(2,1)} \oplus 1352V^{\varnothing,(1,1,1)} \oplus 312V^{\varnothing,(2,2)} \oplus 464V^{\varnothing,(2,1,1)} \oplus 260V^{\varnothing,(1,1,1,1)} \oplus 4V^{\varnothing,(2,2,1)} \oplus 3V^{\varnothing,(2,1,1,1)} \oplus 6896V^{(1),\varnothing} \oplus 17192V^{(1),(1)} \oplus 5298V^{(1),(2)} \oplus 6414V^{(1),(1,1)} \oplus 1480V^{(1),(2,1)} \oplus 1480V^{(1),(1,1,1)} \oplus 29V^{(1),(2,2)} \oplus 31V^{(1),(2,1,1)} \oplus 25V^{(1),(1,1,1,1)} \oplus 1920V^{(2),\varnothing} \oplus 5298V^{(2),(1)} \oplus 1096V^{(2),(2)} \oplus 1260V^{(2),(1,1)} \oplus 83V^{(2),(2,1)} \oplus 83V^{(2),(1,1,1)} \oplus 3120V^{(1,1),\varnothing} \oplus 6414V^{(1,1),(1)} \oplus 1260V^{(1,1),(2)} \oplus 1556V^{(1,1),(1,1)} \oplus 89V^{(1,1),(2,1)} \oplus 89V^{(1,1),(1,1,1)} \oplus 1352V^{(2,1),\varnothing} \oplus 1480V^{(2,1),(1)} \oplus 83V^{(2,1),(2)} \oplus 89V^{(2,1),(1,1)} \oplus 1352V^{(1,1,1),\varnothing} \oplus 1480V^{(1,1,1),(1)} \oplus 83V^{(1,1,1),(2)} \oplus 89V^{(1,1,1),(1,1)} \oplus 312V^{(2,2),\varnothing} \oplus 29V^{(2,2),(1)} \oplus 464V^{(2,1,1),\varnothing} \oplus 31V^{(2,1,1),(1)} \oplus 260V^{(1,1,1,1),\varnothing} \oplus 25V^{(1,1,1,1),(1)} \oplus 4V^{(2,2,1),\varnothing} \oplus 3V^{(2,1,1,1),\varnothing}$
$k = 8:$ $1112V^{\varnothing,\varnothing} \oplus 2196V^{\varnothing,(1)} \oplus 888V^{\varnothing,(2)} \oplus 1356V^{\varnothing,(1,1)} \oplus 688V^{\varnothing,(2,1)} \oplus 688V^{\varnothing,(1,1,1)} \oplus 234V^{\varnothing,(2,2)} \oplus 384V^{\varnothing,(2,1,1)} \oplus 234V^{\varnothing,(1,1,1,1)} \oplus 180V^{\varnothing,(2,2,1)} \oplus 104V^{\varnothing,(2,1,1,1)} \oplus V^{\varnothing,(2,2,2)} \oplus V^{\varnothing,(2,2,1,1)} \oplus 2196V^{(1),\varnothing} \oplus 11828V^{(1),(1)} \oplus 4400V^{(1),(2)} \oplus 5136V^{(1),(1,1)} \oplus 2094V^{(1),(2,1)} \oplus 2094V^{(1),(1,1,1)} \oplus 488V^{(1),(2,2)} \oplus 592V^{(1),(2,1,1)} \oplus 448V^{(1),(1,1,1,1)} \oplus 9V^{(1),(2,2,1)} \oplus 7V^{(1),(2,1,1,1)} \oplus 888V^{(2),\varnothing} \oplus 4400V^{(2),(1)} \oplus 1604V^{(2),(2)} \oplus 1838V^{(2),(1,1)} \oplus 452V^{(2),(2,1)} \oplus 452V^{(2),(1,1,1)} \oplus 22V^{(2),(2,2)} \oplus 23V^{(2),(2,1,1)} \oplus 18V^{(2),(1,1,1,1)} \oplus 1356V^{(1,1),\varnothing} \oplus 5136V^{(1,1),(1)} \oplus 1838V^{(1,1),(2)} \oplus 2270V^{(1,1),(1,1)} \oplus 564V^{(1,1),(2,1)} \oplus 564V^{(1,1),(1,1,1)} \oplus 27V^{(1,1),(2,2)} \oplus 29V^{(1,1),(2,1,1)} \oplus 21V^{(1,1),(1,1,1,1)} \oplus 688V^{(2,1),\varnothing} \oplus 2094V^{(2,1),(1)} \oplus 452V^{(2,1),(2)} \oplus 564V^{(2,1),(1,1)} \oplus 61V^{(2,1),(2,1)} \oplus 61V^{(2,1),(1,1,1)} \oplus 688V^{(1,1,1),\varnothing} \oplus 2094V^{(1,1,1),(1)} \oplus 452V^{(1,1,1),(2)} \oplus 564V^{(1,1,1),(1,1)} \oplus 61V^{(1,1,1),(2,1)} \oplus 61V^{(1,1,1),(1,1,1)} \oplus 234V^{(2,2),\varnothing} \oplus 488V^{(2,2),(1)} \oplus 22V^{(2,2),(2)} \oplus 27V^{(2,2),(1,1)} \oplus 384V^{(2,1,1),\varnothing} \oplus 592V^{(2,1,1),(1)} \oplus 23V^{(2,1,1),(2)} \oplus 29V^{(2,1,1),(1,1)} \oplus 234V^{(1,1,1,1),\varnothing} \oplus 448V^{(1,1,1,1),(1)} \oplus 18V^{(1,1,1,1),(2)} \oplus 21V^{(1,1,1,1),(1,1)} \oplus 180V^{(2,2,1),\varnothing} \oplus 9V^{(2,2,1),(1)} \oplus 104V^{(2,1,1,1),\varnothing} \oplus 7V^{(2,1,1,1),(1)} \oplus V^{(2,2,2),\varnothing} \oplus V^{(2,2,1,1),\varnothing}$
$k = 7: \quad 196V^{\varnothing,\varnothing} \oplus 196V^{\varnothing,(1)} \oplus 126V^{\varnothing,(2)} \oplus 126V^{\varnothing,(1,1)} \oplus 84V^{\varnothing,(2,1)} \oplus 84V^{\varnothing,(1,1,1)} \oplus 42V^{\varnothing,(2,2)} \oplus 42V^{\varnothing,(2,1,1)} \oplus 42V^{\varnothing,(1,1,1,1)} \oplus 28V^{\varnothing,(2,2,1)} \oplus 28V^{\varnothing,(2,1,1,1)} \oplus 14V^{\varnothing,(2,2,2)} \oplus 14V^{\varnothing,(2,2,1,1)} \oplus 196V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2580V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1360V^{(1),(2,1)} \oplus 1360V^{(1),(1,1,1)} \oplus 550V^{(1),(2,2)} \oplus 650V^{(1),(2,1,1)} \oplus 550V^{(1),(1,1,1,1)} \oplus 256V^{(1),(2,2,1)} \oplus 204V^{(1),(2,1,1,1)} \oplus 3V^{(1),(2,2,2)} \oplus 3V^{(1),(2,2,1,1)} \oplus 126V^{(2),\varnothing} \oplus 2580V^{(2),(1)} \oplus 1232V^{(2),(2)} \oplus 1352V^{(2),(1,1)} \oplus 606V^{(2),(2,1)} \oplus 606V^{(2),(1,1,1)} \oplus 156V^{(2),(2,2)} \oplus 176V^{(2),(2,1,1)} \oplus 140V^{(2),(1,1,1,1)} \oplus 7V^{(2),(2,2,1)} \oplus 6V^{(2),(2,1,1,1)} \oplus 126V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1352V^{(1,1),(2)} \oplus 1580V^{(1,1),(1,1)} \oplus 738V^{(1,1),(2,1)} \oplus 738V^{(1,1),(1,1,1)} \oplus 192V^{(1,1),(2,2)} \oplus 232V^{(1,1),(2,1,1)} \oplus 168V^{(1,1),(1,1,1,1)} \oplus 11V^{(1,1),(2,2,1)} \oplus 9V^{(1,1),(2,1,1,1)} \oplus 84V^{(2,1),\varnothing} \oplus 1360V^{(2,1),(1)} \oplus 606V^{(2,1),(2)} \oplus 738V^{(2,1),(1,1)} \oplus 220V^{(2,1),(2,1)} \oplus 220V^{(2,1),(1,1,1)} \oplus 23V^{(2,1),(2,2)} \oplus 25V^{(2,1),(2,1,1)} \oplus 19V^{(2,1),(1,1,1,1)} \oplus 84V^{(1,1,1),\varnothing} \oplus 1360V^{(1,1,1),(1)} \oplus 606V^{(1,1,1),(2)} \oplus$

Table 178: Table for $\lambda = (2,2,2,1)$, $\mu = (2,2,1,1,1)$:

$k = 14: \quad 144V^{\varnothing,\varnothing}$
$k = 13: \quad 8293V^{\varnothing,\varnothing} \oplus 251V^{\varnothing,(1)} \oplus 239V^{(1),\varnothing}$
$k = 12: \quad 15286V^{\varnothing,\varnothing} \oplus 7156V^{\varnothing,(1)} \oplus 84V^{\varnothing,(2)} \oplus 92V^{\varnothing,(1,1)} \oplus 7048V^{(1),\varnothing} \oplus 1411V^{(1),(1)} \oplus 85V^{(2),\varnothing} \oplus 88V^{(1,1),\varnothing}$
$k = 11: \quad 14880V^{\varnothing,\varnothing} \oplus 12462V^{\varnothing,(1)} \oplus 1852V^{\varnothing,(2)} \oplus 2920V^{\varnothing,(1,1)} \oplus 30V^{\varnothing,(2,1)} \oplus 32V^{\varnothing,(1,1,1)} \oplus 12378V^{(1),\varnothing} \oplus 11200V^{(1),(1)} \oplus 383V^{(1),(2)} \oplus 407V^{(1),(1,1)} \oplus 1852V^{(2),\varnothing} \oplus 431V^{(2),(1)} \oplus 2820V^{(1,1),\varnothing} \oplus 437V^{(1,1),(1)} \oplus 30V^{(2,1),\varnothing} \oplus 30V^{(1,1,1),\varnothing}$
$k = 10:$ $11144V^{\varnothing,\varnothing} \oplus 10596V^{\varnothing,(1)} \oplus 2830V^{\varnothing,(2)} \oplus 4570V^{\varnothing,(1,1)} \oplus 1056V^{\varnothing,(2,1)} \oplus 1160V^{\varnothing,(1,1,1)} \oplus 8V^{\varnothing,(2,2)} \oplus 11V^{\varnothing,(2,1,1)} \oplus 11V^{\varnothing,(1,1,1,1)} \oplus 10596V^{(1),\varnothing} \oplus 18806V^{(1),(1)} \oplus 3296V^{(1),(2)} \oplus 4120V^{(1),(1,1)} \oplus 97V^{(1),(2,1)} \oplus 101V^{(1),(1,1,1)} \oplus 2830V^{(2),\varnothing} \oplus 3392V^{(2),(1)} \oplus 250V^{(2),(2)} \oplus 267V^{(2),(1,1)} \oplus 4480V^{(1,1),\varnothing} \oplus 4072V^{(1,1),(1)} \oplus 255V^{(1,1),(2)} \oplus 275V^{(1,1),(1,1)} \oplus 1056V^{(2,1),\varnothing} \oplus 121V^{(2,1),(1)} \oplus 1056V^{(1,1,1),\varnothing} \oplus 121V^{(1,1,1),(1)} \oplus 10V^{(2,2),\varnothing} \oplus 11V^{(2,1,1),\varnothing} \oplus 8V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 4952V^{\varnothing,\varnothing} \oplus 6896V^{\varnothing,(1)} \oplus 1920V^{\varnothing,(2)} \oplus 3120V^{\varnothing,(1,1)} \oplus 1352V^{\varnothing,(2,1)} \oplus 1452V^{\varnothing,(1,1,1)} \oplus 260V^{\varnothing,(2,2)} \oplus 464V^{\varnothing,(2,1,1)} \oplus 464V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(2,2,1)} \oplus 4V^{\varnothing,(2,1,1,1)} \oplus 3V^{\varnothing,(1,1,1,1,1)} \oplus 6896V^{(1),\varnothing} \oplus 17192V^{(1),(1)} \oplus 5298V^{(1),(2)} \oplus 6522V^{(1),(1,1)} \oplus 1480V^{(1),(2,1)} \oplus 1560V^{(1),(1,1,1)} \oplus 25V^{(1),(2,2)} \oplus 31V^{(1),(2,1,1)} \oplus 31V^{(1),(1,1,1,1)} \oplus 1920V^{(2),\varnothing} \oplus 5298V^{(2),(1)} \oplus 1096V^{(2),(2)} \oplus 1308V^{(2),(1,1)} \oplus 83V^{(2),(2,1)} \oplus 87V^{(2),(1,1,1)} \oplus 3120V^{(1,1),\varnothing} \oplus 6414V^{(1,1),(1)} \oplus 1260V^{(1,1),(2)} \oplus 1604V^{(1,1),(1,1)} \oplus 89V^{(1,1),(2,1)} \oplus 95V^{(1,1),(1,1,1)} \oplus 1352V^{(2,1),\varnothing} \oplus 1480V^{(2,1),(1)} \oplus 83V^{(2,1),(2)} \oplus 101V^{(2,1),(1,1)} \oplus 1352V^{(1,1,1),\varnothing} \oplus 1480V^{(1,1,1),(1)} \oplus 83V^{(1,1,1),(2)} \oplus 101V^{(1,1,1),(1,1)} \oplus 312V^{(2,2),\varnothing} \oplus 29V^{(2,2),(1)} \oplus 464V^{(2,1,1),\varnothing} \oplus 31V^{(2,1,1),(1)} \oplus 260V^{(1,1,1,1),\varnothing} \oplus 25V^{(1,1,1,1),(1)} \oplus 4V^{(2,2,1),\varnothing} \oplus 3V^{(2,1,1,1),\varnothing}$
$k = 8: \quad 916V^{\varnothing,\varnothing} \oplus 2196V^{\varnothing,(1)} \oplus 888V^{\varnothing,(2)} \oplus 1356V^{\varnothing,(1,1)} \oplus 688V^{\varnothing,(2,1)} \oplus 688V^{\varnothing,(1,1,1)} \oplus 234V^{\varnothing,(2,2)} \oplus 384V^{\varnothing,(2,1,1)} \oplus 384V^{\varnothing,(1,1,1,1)} \oplus 104V^{\varnothing,(2,2,1)} \oplus 180V^{\varnothing,(2,1,1,1)} \oplus 104V^{\varnothing,(1,1,1,1,1)} \oplus V^{\varnothing,(2,2,1,1)} \oplus V^{\varnothing,(2,1,1,1,1)} \oplus 2280V^{(1),\varnothing} \oplus 11828V^{(1),(1)} \oplus 4400V^{(1),(2)} \oplus 5136V^{(1),(1,1)} \oplus 2094V^{(1),(2,1)} \oplus 2166V^{(1),(1,1,1)} \oplus 448V^{(1),(2,2)} \oplus 592V^{(1),(2,1,1)} \oplus 592V^{(1),(1,1,1,1)} \oplus 7V^{(1),(2,2,1)} \oplus 9V^{(1),(2,1,1,1)} \oplus 7V^{(1),(1,1,1,1,1)} \oplus 888V^{(2),\varnothing} \oplus 4400V^{(2),(1)} \oplus 1604V^{(2),(2)} \oplus 1862V^{(2),(1,1)} \oplus 452V^{(2),(2,1)} \oplus 484V^{(2),(1,1,1)} \oplus 18V^{(2),(2,2)} \oplus 23V^{(2),(2,1,1)} \oplus 23V^{(2),(1,1,1,1)} \oplus 1356V^{(1,1),\varnothing} \oplus 5136V^{(1,1),(1)} \oplus 1838V^{(1,1),(2)} \oplus 2294V^{(1,1),(1,1)} \oplus 564V^{(1,1),(2,1)} \oplus 612V^{(1,1),(1,1,1)} \oplus 21V^{(1,1),(2,2)} \oplus 29V^{(1,1),(2,1,1)} \oplus 29V^{(1,1),(1,1,1,1)} \oplus 688V^{(2,1),\varnothing} \oplus 2094V^{(2,1),(1)} \oplus 452V^{(2,1),(2)} \oplus 588V^{(2,1),(1,1)} \oplus 61V^{(2,1),(2,1)} \oplus 65V^{(2,1),(1,1,1)} \oplus 688V^{(1,1,1),\varnothing} \oplus 2094V^{(1,1,1),(1)} \oplus 452V^{(1,1,1),(2)} \oplus 588V^{(1,1,1),(1,1)} \oplus 61V^{(1,1,1),(2,1)} \oplus 65V^{(1,1,1),(1,1,1)} \oplus 234V^{(2,2),\varnothing} \oplus 488V^{(2,2),(1)} \oplus 22V^{(2,2),(2)} \oplus 33V^{(2,2),(1,1)} \oplus 384V^{(2,1,1),\varnothing} \oplus 592V^{(2,1,1),(1)} \oplus 23V^{(2,1,1),(2)} \oplus 35V^{(2,1,1),(1,1)} \oplus 234V^{(1,1,1,1),\varnothing} \oplus 448V^{(1,1,1,1),(1)} \oplus 18V^{(1,1,1,1),(2)} \oplus 27V^{(1,1,1,1),(1,1)} \oplus 180V^{(2,2,1),\varnothing} \oplus 9V^{(2,2,1),(1)} \oplus 104V^{(2,1,1,1),\varnothing} \oplus 7V^{(2,1,1,1),(1)} \oplus V^{(2,2,2),\varnothing} \oplus V^{(2,2,1,1),\varnothing}$
$k = 7: \quad 196V^{\varnothing,(1)} \oplus 126V^{\varnothing,(2)} \oplus 126V^{\varnothing,(1,1)} \oplus 84V^{\varnothing,(2,1)} \oplus 84V^{\varnothing,(1,1,1)} \oplus 42V^{\varnothing,(2,2)} \oplus 42V^{\varnothing,(2,1,1)} \oplus 42V^{\varnothing,(1,1,1,1)} \oplus 28V^{\varnothing,(2,2,1)} \oplus 28V^{\varnothing,(2,1,1,1)} \oplus 28V^{\varnothing,(1,1,1,1,1)} \oplus 14V^{\varnothing,(2,2,1,1)} \oplus 14V^{\varnothing,(2,1,1,1,1)} \oplus 196V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2580V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1360V^{(1),(2,1)} \oplus 1360V^{(1),(1,1,1)} \oplus 550V^{(1),(2,2)} \oplus 650V^{(1),(2,1,1)} \oplus 650V^{(1),(1,1,1,1)} \oplus 204V^{(1),(2,2,1)} \oplus 256V^{(1),(2,1,1,1)} \oplus 204V^{(1),(1,1,1,1,1)} \oplus 3V^{(1),(2,2,1,1)} \oplus 3V^{(1),(2,1,1,1,1)} \oplus 140V^{(2),\varnothing} \oplus 2580V^{(2),(1)} \oplus 1232V^{(2),(2)} \oplus 1352V^{(2),(1,1)} \oplus 606V^{(2),(2,1)} \oplus 630V^{(2),(1,1,1)} \oplus 140V^{(2),(2,2)} \oplus 176V^{(2),(2,1,1)} \oplus 176V^{(2),(1,1,1,1)} \oplus 6V^{(2),(2,2,1)} \oplus 7V^{(2),(2,1,1,1)} \oplus 6V^{(2),(1,1,1,1,1)} \oplus 140V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1352V^{(1,1),(2)} \oplus 1580V^{(1,1),(1,1)} \oplus 738V^{(1,1),(2,1)} \oplus 774V^{(1,1),(1,1,1)} \oplus 168V^{(1,1),(2,2)} \oplus 232V^{(1,1),(2,1,1)} \oplus 232V^{(1,1),(1,1,1,1)} \oplus 9V^{(1,1),(2,2,1)} \oplus 11V^{(1,1),(2,1,1,1)} \oplus 9V^{(1,1),(1,1,1,1,1)} \oplus 84V^{(2,1),\varnothing} \oplus 1360V^{(2,1),(1)} \oplus 606V^{(2,1),(2)} \oplus 738V^{(2,1),(1,1)} \oplus 220V^{(2,1),(2,1)} \oplus 236V^{(2,1),(1,1,1)} \oplus 19V^{(2,1),(2,2)} \oplus$

Table 179: Table for $\lambda = (2,2,2,1)$, $\mu = (2,1,1,1,1,1)$:

$k = 14: \quad 34V^{\varnothing,\varnothing}$
$k = 13: \quad 7936V^{\varnothing,\varnothing} \oplus 232V^{\varnothing,(1)} \oplus 101V^{(1),\varnothing}$
$k = 12: \quad 14940V^{\varnothing,\varnothing} \oplus 6844V^{\varnothing,(1)} \oplus 63V^{\varnothing,(2)} \oplus 85V^{\varnothing,(1,1)} \oplus 6276V^{(1),\varnothing} \oplus 1345V^{(1),(1)} \oplus 52V^{(2),\varnothing} \oplus 55V^{(1,1),\varnothing}$
$k = 11: \quad 14632V^{\varnothing,\varnothing} \oplus 12108V^{\varnothing,(1)} \oplus 1488V^{\varnothing,(2)} \oplus 2612V^{\varnothing,(1,1)} \oplus 22V^{\varnothing,(2,1)} \oplus 30V^{\varnothing,(1,1,1)} \oplus 11130V^{(1),\varnothing} \oplus 10720V^{(1),(1)} \oplus 313V^{(1),(2)} \oplus 385V^{(1),(1,1)} \oplus 1612V^{(2),\varnothing} \oplus 371V^{(2),(1)} \oplus 2580V^{(1,1),\varnothing} \oplus 377V^{(1,1),(1)} \oplus 26V^{(2,1),\varnothing} \oplus 26V^{(1,1,1),\varnothing}$
$k = 10: \quad 10724V^{\varnothing,\varnothing} \oplus 10476V^{\varnothing,(1)} \oplus 2440V^{\varnothing,(2)} \oplus 4180V^{\varnothing,(1,1)} \oplus 598V^{\varnothing,(2,1)} \oplus 1056V^{\varnothing,(1,1,1)} \oplus 8V^{\varnothing,(2,1,1)} \oplus 11V^{\varnothing,(1,1,1,1)} \oplus 9556V^{(1),\varnothing} \oplus 18386V^{(1),(1)} \oplus 2896V^{(1),(2)} \oplus 3816V^{(1),(1,1)} \oplus 73V^{(1),(2,1)} \oplus 97V^{(1),(1,1,1)} \oplus 2430V^{(2),\varnothing} \oplus 3200V^{(2),(1)} \oplus 186V^{(2),(2)} \oplus 251V^{(2),(1,1)} \oplus 4080V^{(1,1),\varnothing} \oplus 3880V^{(1,1),(1)} \oplus 189V^{(1,1),(2)} \oplus 257V^{(1,1),(1,1)} \oplus 976V^{(2,1),\varnothing} \oplus 85V^{(2,1),(1)} \oplus 976V^{(1,1,1),\varnothing} \oplus 85V^{(1,1,1),(1)} \oplus 10V^{(2,2),\varnothing} \oplus 11V^{(2,1,1),\varnothing} \oplus 8V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 4644V^{\varnothing,\varnothing} \oplus 6896V^{\varnothing,(1)} \oplus 1760V^{\varnothing,(2)} \oplus 2960V^{\varnothing,(1,1)} \oplus 802V^{\varnothing,(2,1)} \oplus 1352V^{\varnothing,(1,1,1)} \oplus 260V^{\varnothing,(2,1,1)} \oplus 464V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(2,1,1,1)} \oplus 4V^{\varnothing,(1,1,1,1,1)} \oplus 5640V^{(1),\varnothing} \oplus 17084V^{(1),(1)} \oplus 4974V^{(1),(2)} \oplus 6198V^{(1),(1,1)} \oplus 1120V^{(1),(2,1)} \oplus 1480V^{(1),(1,1,1)} \oplus 25V^{(1),(2,1,1)} \oplus 31V^{(1),(1,1,1,1)} \oplus 1600V^{(2),\varnothing} \oplus 5226V^{(2),(1)} \oplus 936V^{(2),(2)} \oplus 1196V^{(2),(1,1)} \oplus 66V^{(2),(2,1)} \oplus 83V^{(2),(1,1,1)} \oplus 2800V^{(1,1),\varnothing} \oplus 6342V^{(1,1),(1)} \oplus 1068V^{(1,1),(2)} \oplus 1460V^{(1,1),(1,1)} \oplus 69V^{(1,1),(2,1)} \oplus 89V^{(1,1),(1,1,1)} \oplus 1208V^{(2,1),\varnothing} \oplus 1432V^{(2,1),(1)} \oplus 43V^{(2,1),(2)} \oplus 85V^{(2,1),(1,1)} \oplus 1208V^{(1,1,1),\varnothing} \oplus 1432V^{(1,1,1),(1)} \oplus 43V^{(1,1,1),(2)} \oplus 85V^{(1,1,1),(1,1)} \oplus 280V^{(2,2),\varnothing} \oplus 23V^{(2,2),(1)} \oplus 432V^{(2,1,1),\varnothing} \oplus 25V^{(2,1,1),(1)} \oplus 228V^{(1,1,1,1),\varnothing} \oplus 19V^{(1,1,1,1),(1)} \oplus 4V^{(2,2,1),\varnothing} \oplus 3V^{(2,1,1,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 2196V^{\varnothing,(1)} \oplus 888V^{\varnothing,(2)} \oplus 1356V^{\varnothing,(1,1)} \oplus 428V^{\varnothing,(2,1)} \oplus 688V^{\varnothing,(1,1,1)} \oplus 234V^{\varnothing,(2,1,1)} \oplus 384V^{\varnothing,(1,1,1,1)} \oplus 104V^{\varnothing,(2,1,1,1)} \oplus 180V^{\varnothing,(1,1,1,1,1)} \oplus V^{\varnothing,(2,1,1,1,1)} \oplus V^{\varnothing,(1,1,1,1,1,1)} \oplus 1620V^{(1),\varnothing} \oplus 11828V^{(1),(1)} \oplus 4304V^{(1),(2)} \oplus 5040V^{(1),(1,1)} \oplus 1722V^{(1),(2,1)} \oplus 2094V^{(1),(1,1,1)} \oplus 448V^{(1),(2,1,1)} \oplus 592V^{(1),(1,1,1,1)} \oplus 7V^{(1),(2,1,1,1)} \oplus 9V^{(1),(1,1,1,1,1)} \oplus 588V^{(2),\varnothing} \oplus 4400V^{(2),(1)} \oplus 1508V^{(2),(2)} \oplus 1766V^{(2),(1,1)} \oplus 356V^{(2),(2,1)} \oplus 452V^{(2),(1,1,1)} \oplus 18V^{(2),(2,1,1)} \oplus 23V^{(2),(1,1,1,1)} \oplus 1056V^{(1,1),\varnothing} \oplus 5136V^{(1,1),(1)} \oplus 1706V^{(1,1),(2)} \oplus 2162V^{(1,1),(1,1)} \oplus 412V^{(1,1),(2,1)} \oplus 564V^{(1,1),(1,1,1)} \oplus 21V^{(1,1),(2,1,1)} \oplus 29V^{(1,1),(1,1,1,1)} \oplus 592V^{(2,1),\varnothing} \oplus 2094V^{(2,1),(1)} \oplus 396V^{(2,1),(2)} \oplus 532V^{(2,1),(1,1)} \oplus 43V^{(2,1),(2,1)} \oplus 61V^{(2,1),(1,1,1)} \oplus 592V^{(1,1,1),\varnothing} \oplus 2094V^{(1,1,1),(1)} \oplus 396V^{(1,1,1),(2)} \oplus 532V^{(1,1,1),(1,1)} \oplus 43V^{(1,1,1),(2,1)} \oplus 61V^{(1,1,1),(1,1,1)} \oplus 186V^{(2,2),\varnothing} \oplus 488V^{(2,2),(1)} \oplus 12V^{(2,2),(2)} \oplus 23V^{(2,2),(1,1)} \oplus 336V^{(2,1,1),\varnothing} \oplus 592V^{(2,1,1),(1)} \oplus 13V^{(2,1,1),(2)} \oplus 25V^{(2,1,1),(1,1)} \oplus 186V^{(1,1,1,1),\varnothing} \oplus 448V^{(1,1,1,1),(1)} \oplus 10V^{(1,1,1,1),(2)} \oplus 19V^{(1,1,1,1),(1,1)} \oplus 164V^{(2,2,1),\varnothing} \oplus 9V^{(2,2,1),(1)} \oplus 88V^{(2,1,1,1),\varnothing} \oplus 7V^{(2,1,1,1),(1)} \oplus V^{(2,2,2),\varnothing} \oplus V^{(2,2,1,1),\varnothing}$
$k = 7: \quad 196V^{\varnothing,(1)} \oplus 126V^{\varnothing,(2)} \oplus 126V^{\varnothing,(1,1)} \oplus 84V^{\varnothing,(2,1)} \oplus 84V^{\varnothing,(1,1,1)} \oplus 42V^{\varnothing,(2,1,1)} \oplus 42V^{\varnothing,(1,1,1,1)} \oplus 28V^{\varnothing,(2,1,1,1)} \oplus 28V^{\varnothing,(1,1,1,1,1)} \oplus 14V^{\varnothing,(2,1,1,1,1)} \oplus 14V^{\varnothing,(1,1,1,1,1,1)} \oplus 36V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2580V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1200V^{(1),(2,1)} \oplus 1360V^{(1),(1,1,1)} \oplus 550V^{(1),(2,1,1)} \oplus 650V^{(1),(1,1,1,1)} \oplus 204V^{(1),(2,1,1,1)} \oplus 256V^{(1),(1,1,1,1,1)} \oplus 3V^{(1),(2,1,1,1,1)} \oplus 3V^{(1),(1,1,1,1,1,1)} \oplus 30V^{(2),\varnothing} \oplus 2580V^{(2),(1)} \oplus 1208V^{(2),(2)} \oplus 1328V^{(2),(1,1)} \oplus 528V^{(2),(2,1)} \oplus 606V^{(2),(1,1,1)} \oplus 140V^{(2),(2,1,1)} \oplus 176V^{(2),(1,1,1,1)} \oplus 6V^{(2),(2,1,1,1)} \oplus 7V^{(2),(1,1,1,1,1)} \oplus 30V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1316V^{(1,1),(2)} \oplus 1544V^{(1,1),(1,1)} \oplus 594V^{(1,1),(2,1)} \oplus 738V^{(1,1),(1,1,1)} \oplus 168V^{(1,1),(2,1,1)} \oplus 232V^{(1,1),(1,1,1,1)} \oplus 9V^{(1,1),(2,1,1,1)} \oplus 11V^{(1,1),(1,1,1,1,1)} \oplus 24V^{(2,1),\varnothing} \oplus 1360V^{(2,1),(1)} \oplus 582V^{(2,1),(2)} \oplus 714V^{(2,1),(1,1)} \oplus 160V^{(2,1),(2,1)} \oplus 220V^{(2,1),(1,1,1)} \oplus 19V^{(2,1),(2,1,1)} \oplus 25V^{(2,1),(1,1,1,1)} \oplus 24V^{(1,1,1),\varnothing} \oplus 1360V^{(1,1,1),(1)} \oplus 582V^{(1,1,1),(2)} \oplus 714V^{(1,1,1),(1,1)} \oplus 160V^{(1,1,1),(2,1)} \oplus 220V^{(1,1,1),(1,1,1)} \oplus 19V^{(1,1,1),(2,1,1)} \oplus 25V^{(1,1,1),(1,1,1,1)} \oplus 18V^{(2,2),\varnothing} \oplus 550V^{(2,2),(1)} \oplus 140V^{(2,2),(2)} \oplus 176V^{(2,2),(1,1)} \oplus 12V^{(2,2),(2,1)} \oplus 23V^{(2,2),(1,1,1)} \oplus 18V^{(2,1,1),\varnothing} \oplus 650V^{(2,1,1),(1)} \oplus 160V^{(2,1,1),(2)} \oplus 216V^{(2,1,1),(1,1)} \oplus 13V^{(2,1,1),(2,1)} \oplus 25V^{(2,1,1),(1,1,1)} \oplus 18V^{(1,1,1,1),\varnothing} \oplus 550V^{(1,1,1,1),(1)} \oplus$

Table 180: Table for $\lambda = (2,2,2,1)$, $\mu = (1,1,1,1,1,1,1)$:

$k = 14: \quad 4V^{\varnothing,\varnothing}$
$k = 13: \quad 6582V^{\varnothing,\varnothing} \oplus 169V^{\varnothing,(1)} \oplus 13V^{(1),\varnothing}$
$k = 12:$ $12694V^{\varnothing,\varnothing} \oplus 3954V^{\varnothing,(1)} \oplus 63V^{\varnothing,(1,1)} \oplus 4688V^{(1),\varnothing} \oplus 1033V^{(1),(1)} \oplus 9V^{(2),\varnothing} \oplus 11V^{(1,1),\varnothing}$
$k = 11: \quad 12952V^{\varnothing,\varnothing} \oplus 7104V^{\varnothing,(1)} \oplus 1488V^{\varnothing,(1,1)} \oplus 22V^{\varnothing,(1,1,1)} \oplus 8649V^{(1),\varnothing} \oplus 8248V^{(1),(1)} \oplus 313V^{(1),(1,1)} \oplus 1042V^{(2),\varnothing} \oplus 186V^{(2),(1)} \oplus 1906V^{(1,1),\varnothing} \oplus 189V^{(1,1),(1)} \oplus 8V^{(2,1),\varnothing} \oplus 8V^{(1,1,1),\varnothing}$
$k = 10: \quad 9874V^{\varnothing,\varnothing} \oplus 6148V^{\varnothing,(1)} \oplus 2440V^{\varnothing,(1,1)} \oplus 598V^{\varnothing,(1,1,1)} \oplus 8V^{\varnothing,(1,1,1,1)} \oplus 7904V^{(1),\varnothing} \oplus 14818V^{(1),(1)} \oplus 2896V^{(1),(1,1)} \oplus 73V^{(1),(1,1,1)} \oplus 1711V^{(2),\varnothing} \oplus 2588V^{(2),(1)} \oplus 186V^{(2),(1,1)} \oplus 3211V^{(1,1),\varnothing} \oplus 2928V^{(1,1),(1)} \oplus 189V^{(1,1),(1,1)} \oplus 742V^{(2,1),\varnothing} \oplus 43V^{(2,1),(1)} \oplus 742V^{(1,1,1),\varnothing} \oplus 43V^{(1,1,1),(1)} \oplus 5V^{(2,2),\varnothing} \oplus 6V^{(2,1,1),\varnothing} \oplus 4V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 4440V^{\varnothing,\varnothing} \oplus 4316V^{\varnothing,(1)} \oplus 1760V^{\varnothing,(1,1)} \oplus 802V^{\varnothing,(1,1,1)} \oplus 260V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(1,1,1,1,1)} \oplus 4945V^{(1),\varnothing} \oplus 14416V^{(1),(1)} \oplus 4974V^{(1),(1,1)} \oplus 1120V^{(1),(1,1,1)} \oplus 25V^{(1),(1,1,1,1)} \oplus 1216V^{(2),\varnothing} \oplus 4488V^{(2),(1)} \oplus 936V^{(2),(1,1)} \oplus 66V^{(2),(1,1,1)} \oplus 2336V^{(1,1),\varnothing} \oplus 5046V^{(1,1),(1)} \oplus 1068V^{(1,1),(1,1)} \oplus 69V^{(1,1),(1,1,1)} \oplus 1009V^{(2,1),\varnothing} \oplus 1096V^{(2,1),(1)} \oplus 43V^{(2,1),(1,1)} \oplus 1009V^{(1,1,1),\varnothing} \oplus 1096V^{(1,1,1),(1)} \oplus 43V^{(1,1,1),(1,1)} \oplus 208V^{(2,2),\varnothing} \oplus 12V^{(2,2),(1)} \oplus 360V^{(2,1,1),\varnothing} \oplus 13V^{(2,1,1),(1)} \oplus 182V^{(1,1,1,1),\varnothing} \oplus 10V^{(1,1,1,1),(1)} \oplus 4V^{(2,2,1),\varnothing} \oplus 3V^{(2,1,1,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 1476V^{\varnothing,(1)} \oplus 888V^{\varnothing,(1,1)} \oplus 428V^{\varnothing,(1,1,1)} \oplus 234V^{\varnothing,(1,1,1,1)} \oplus 104V^{\varnothing,(1,1,1,1,1)} \oplus V^{\varnothing,(1,1,1,1,1,1)} \oplus 1446V^{(1),\varnothing} \oplus 10532V^{(1),(1)} \oplus 4304V^{(1),(1,1)} \oplus 1722V^{(1),(1,1,1)} \oplus 448V^{(1),(1,1,1,1)} \oplus 7V^{(1),(1,1,1,1,1)} \oplus 473V^{(2),\varnothing} \oplus 3984V^{(2),(1)} \oplus 1508V^{(2),(1,1)} \oplus 356V^{(2),(1,1,1)} \oplus 18V^{(2),(1,1,1,1)} \oplus 941V^{(1,1),\varnothing} \oplus 4352V^{(1,1),(1)} \oplus 1706V^{(1,1),(1,1)} \oplus 412V^{(1,1),(1,1,1)} \oplus 21V^{(1,1),(1,1,1,1)} \oplus 524V^{(2,1),\varnothing} \oplus 1722V^{(2,1),(1)} \oplus 396V^{(2,1),(1,1)} \oplus 43V^{(2,1),(1,1,1)} \oplus 524V^{(1,1,1),\varnothing} \oplus 1722V^{(1,1,1),(1)} \oplus 396V^{(1,1,1),(1,1)} \oplus 43V^{(1,1,1),(1,1,1)} \oplus 153V^{(2,2),\varnothing} \oplus 396V^{(2,2),(1)} \oplus 12V^{(2,2),(1,1)} \oplus 303V^{(2,1,1),\varnothing} \oplus 448V^{(2,1,1),(1)} \oplus 13V^{(2,1,1),(1,1)} \oplus 153V^{(1,1,1,1),\varnothing} \oplus 376V^{(1,1,1,1),(1)} \oplus 10V^{(1,1,1,1),(1,1)} \oplus 154V^{(2,2,1),\varnothing} \oplus 5V^{(2,2,1),(1)} \oplus 78V^{(2,1,1,1),\varnothing} \oplus 4V^{(2,1,1,1),(1)} \oplus 2V^{(2,2,2),\varnothing} \oplus 2V^{(2,2,1,1),\varnothing}$
$k = 7: \quad 196V^{\varnothing,(1)} \oplus 126V^{\varnothing,(1,1)} \oplus 84V^{\varnothing,(1,1,1)} \oplus 42V^{\varnothing,(1,1,1,1)} \oplus 28V^{\varnothing,(1,1,1,1,1)} \oplus 14V^{\varnothing,(1,1,1,1,1,1)} \oplus V^{(1),\varnothing} \oplus 4560V^{(1),(1)} \oplus 2580V^{(1),(1,1)} \oplus 1200V^{(1),(1,1,1)} \oplus 550V^{(1),(1,1,1,1)} \oplus 204V^{(1),(1,1,1,1,1)} \oplus 3V^{(1),(1,1,1,1,1,1)} \oplus V^{(2),\varnothing} \oplus 2460V^{(2),(1)} \oplus 1208V^{(2),(1,1)} \oplus 528V^{(2),(1,1,1)} \oplus 140V^{(2),(1,1,1,1)} \oplus 6V^{(2),(1,1,1,1,1)} \oplus V^{(1,1),\varnothing} \oplus 2580V^{(1,1),(1)} \oplus 1316V^{(1,1),(1,1)} \oplus 594V^{(1,1),(1,1,1)} \oplus 168V^{(1,1),(1,1,1,1)} \oplus 9V^{(1,1),(1,1,1,1,1)} \oplus V^{(2,1),\varnothing} \oplus 1200V^{(2,1),(1)} \oplus 582V^{(2,1),(1,1)} \oplus 160V^{(2,1),(1,1,1)} \oplus 19V^{(2,1),(1,1,1,1)} \oplus V^{(1,1,1),\varnothing} \oplus 1200V^{(1,1,1),(1)} \oplus 582V^{(1,1,1),(1,1)} \oplus 160V^{(1,1,1),(1,1,1)} \oplus 19V^{(1,1,1),(1,1,1,1)} \oplus V^{(2,2),\varnothing} \oplus 500V^{(2,2),(1)} \oplus 140V^{(2,2),(1,1)} \oplus 12V^{(2,2),(1,1,1)} \oplus V^{(2,1,1),\varnothing} \oplus 550V^{(2,1,1),(1)} \oplus 160V^{(2,1,1),(1,1)} \oplus 13V^{(2,1,1),(1,1,1)} \oplus V^{(1,1,1,1),\varnothing} \oplus 500V^{(1,1,1,1),(1)} \oplus 132V^{(1,1,1,1),(1,1)} \oplus 10V^{(1,1,1,1),(1,1,1)} \oplus V^{(2,2,1),\varnothing} \oplus 204V^{(2,2,1),(1)} \oplus 5V^{(2,2,1),(1,1)} \oplus V^{(2,1,1,1),\varnothing} \oplus 178V^{(2,1,1,1),(1)} \oplus 4V^{(2,1,1,1),(1,1)} \oplus V^{(2,2,2),\varnothing} \oplus 2V^{(2,2,2),(1)} \oplus V^{(2,2,1,1),\varnothing} \oplus 2V^{(2,2,1,1),(1)} \oplus V^{(2,2,2,1),\varnothing}$
$k = 6: \quad 720V^{(1),(1)} \oplus 720V^{(1),(1,1)} \oplus 468V^{(1),(1,1,1)} \oplus 260V^{(1),(1,1,1,1)} \oplus 150V^{(1),(1,1,1,1,1)} \oplus 76V^{(1),(1,1,1,1,1,1)} \oplus V^{(1),(1,1,1,1,1,1,1)} \oplus 720V^{(2),(1)} \oplus 624V^{(2),(1,1)} \oplus 344V^{(2),(1,1,1)} \oplus 168V^{(2),(1,1,1,1)} \oplus 62V^{(2),(1,1,1,1,1)} \oplus 2V^{(2),(1,1,1,1,1,1)} \oplus 720V^{(1,1),(1)} \oplus 648V^{(1,1),(1,1)} \oplus 368V^{(1,1),(1,1,1)} \oplus 186V^{(1,1),(1,1,1,1)} \oplus 72V^{(1,1),(1,1,1,1,1)} \oplus 3V^{(1,1),(1,1,1,1,1,1)} \oplus 468V^{(2,1),(1)} \oplus 368V^{(2,1),(1,1)} \oplus 206V^{(2,1),(1,1,1)} \oplus 64V^{(2,1),(1,1,1,1)} \oplus 7V^{(2,1),(1,1,1,1,1)} \oplus 468V^{(1,1,1),(1)} \oplus 368V^{(1,1,1),(1,1)} \oplus 206V^{(1,1,1),(1,1,1)} \oplus 64V^{(1,1,1),(1,1,1,1)} \oplus 7V^{(1,1,1),(1,1,1,1,1)} \oplus 260V^{(2,2),(1)} \oplus 168V^{(2,2),(1,1)} \oplus 56V^{(2,2),(1,1,1)} \oplus 12V^{(2,2),(1,1,1,1)} \oplus 260V^{(2,1,1),(1)} \oplus 186V^{(2,1,1),(1,1)} \oplus 64V^{(2,1,1),(1,1,1)} \oplus 13V^{(2,1,1),(1,1,1,1)} \oplus 260V^{(1,1,1,1),(1)} \oplus 168V^{(1,1,1,1),(1,1)} \oplus 52V^{(1,1,1,1),(1,1,1)} \oplus 10V^{(1,1,1,1),(1,1,1,1)} \oplus 150V^{(2,2,1),(1)} \oplus$

Table 181: Table for $\lambda = (2,2,1,1,1)$, $\mu = (7,)$:

$k = 14: \quad 2V^{\varnothing,\varnothing}$
$k = 13: \quad 6466V^{\varnothing,\varnothing} \oplus 170V^{\varnothing,(1)} \oplus 13V^{(1),\varnothing}$
$k = 12:$ $12514V^{\varnothing,\varnothing} \oplus 3956V^{\varnothing,(1)} \oplus 64V^{\varnothing,(2)} \oplus 4696V^{(1),\varnothing} \oplus 1057V^{(1),(1)} \oplus 8V^{(2),\varnothing} \oplus 11V^{(1,1),\varnothing}$
$k = 11: \quad 12836V^{\varnothing,\varnothing} \oplus 7104V^{\varnothing,(1)} \oplus 1488V^{\varnothing,(2)} \oplus 22V^{\varnothing,(3)} \oplus 8655V^{(1),\varnothing} \oplus 8344V^{(1),(1)} \oplus 337V^{(1),(2)} \oplus 1042V^{(2),\varnothing} \oplus 186V^{(2),(1)} \oplus 1926V^{(1,1),\varnothing} \oplus 195V^{(1,1),(1)} \oplus 7V^{(2,1),\varnothing} \oplus 8V^{(1,1,1),\varnothing}$
$k = 10: \quad 9836V^{\varnothing,\varnothing} \oplus 6148V^{\varnothing,(1)} \oplus 2440V^{\varnothing,(2)} \oplus 598V^{\varnothing,(3)} \oplus 8V^{\varnothing,(4)} \oplus 7904V^{(1),\varnothing} \oplus 14866V^{(1),(1)} \oplus 2944V^{(1),(2)} \oplus 97V^{(1),(3)} \oplus 1711V^{(2),\varnothing} \oplus 2588V^{(2),(1)} \oplus 186V^{(2),(2)} \oplus 3229V^{(1,1),\varnothing} \oplus 2976V^{(1,1),(1)} \oplus 195V^{(1,1),(2)} \oplus 742V^{(2,1),\varnothing} \oplus 43V^{(2,1),(1)} \oplus 794V^{(1,1,1),\varnothing} \oplus 45V^{(1,1,1),(1)} \oplus 3V^{(2,2),\varnothing} \oplus 5V^{(2,1,1),\varnothing} \oplus 5V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 4440V^{\varnothing,\varnothing} \oplus 4316V^{\varnothing,(1)} \oplus 1760V^{\varnothing,(2)} \oplus 802V^{\varnothing,(3)} \oplus 260V^{\varnothing,(4)} \oplus 3V^{\varnothing,(5)} \oplus 4945V^{(1),\varnothing} \oplus 14416V^{(1),(1)} \oplus 4974V^{(1),(2)} \oplus 1120V^{(1),(3)} \oplus 25V^{(1),(4)} \oplus 1216V^{(2),\varnothing} \oplus 4488V^{(2),(1)} \oplus 936V^{(2),(2)} \oplus 66V^{(2),(3)} \oplus 2336V^{(1,1),\varnothing} \oplus 5082V^{(1,1),(1)} \oplus 1092V^{(1,1),(2)} \oplus 75V^{(1,1),(3)} \oplus 1009V^{(2,1),\varnothing} \oplus 1096V^{(2,1),(1)} \oplus 43V^{(2,1),(2)} \oplus 1059V^{(1,1,1),\varnothing} \oplus 1136V^{(1,1,1),(1)} \oplus 45V^{(1,1,1),(2)} \oplus 182V^{(2,2),\varnothing} \oplus 10V^{(2,2),(1)} \oplus 360V^{(2,1,1),\varnothing} \oplus 13V^{(2,1,1),(1)} \oplus 360V^{(1,1,1,1),\varnothing} \oplus 13V^{(1,1,1,1),(1)} \oplus 2V^{(2,2,1),\varnothing} \oplus 3V^{(2,1,1,1),\varnothing} \oplus 2V^{(1,1,1,1,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 1560V^{\varnothing,(1)} \oplus 888V^{\varnothing,(2)} \oplus 428V^{\varnothing,(3)} \oplus 234V^{\varnothing,(4)} \oplus 104V^{\varnothing,(5)} \oplus V^{\varnothing,(6)} \oplus 1446V^{(1),\varnothing} \oplus 10532V^{(1),(1)} \oplus 4304V^{(1),(2)} \oplus 1722V^{(1),(3)} \oplus 448V^{(1),(4)} \oplus 7V^{(1),(5)} \oplus 473V^{(2),\varnothing} \oplus 3984V^{(2),(1)} \oplus 1508V^{(2),(2)} \oplus 356V^{(2),(3)} \oplus 18V^{(2),(4)} \oplus 941V^{(1,1),\varnothing} \oplus 4352V^{(1,1),(1)} \oplus 1718V^{(1,1),(2)} \oplus 424V^{(1,1),(3)} \oplus 27V^{(1,1),(4)} \oplus 524V^{(2,1),\varnothing} \oplus 1722V^{(2,1),(1)} \oplus 396V^{(2,1),(2)} \oplus 43V^{(2,1),(3)} \oplus 524V^{(1,1,1),\varnothing} \oplus 1758V^{(1,1,1),(1)} \oplus 412V^{(1,1,1),(2)} \oplus 45V^{(1,1,1),(3)} \oplus 153V^{(2,2),\varnothing} \oplus 376V^{(2,2),(1)} \oplus 10V^{(2,2),(2)} \oplus 303V^{(2,1,1),\varnothing} \oplus 448V^{(2,1,1),(1)} \oplus 13V^{(2,1,1),(2)} \oplus 303V^{(1,1,1,1),\varnothing} \oplus 448V^{(1,1,1,1),(1)} \oplus 13V^{(1,1,1,1),(2)} \oplus 78V^{(2,2,1),\varnothing} \oplus 4V^{(2,2,1),(1)} \oplus 154V^{(2,1,1,1),\varnothing} \oplus 5V^{(2,1,1,1),(1)} \oplus 78V^{(1,1,1,1,1),\varnothing} \oplus 4V^{(1,1,1,1,1),(1)} \oplus V^{(2,2,1,1),\varnothing} \oplus V^{(2,1,1,1,1),\varnothing}$
$k = 7: \quad 196V^{\varnothing,(1)} \oplus 140V^{\varnothing,(2)} \oplus 84V^{\varnothing,(3)} \oplus 42V^{\varnothing,(4)} \oplus 28V^{\varnothing,(5)} \oplus 14V^{\varnothing,(6)} \oplus V^{(1),\varnothing} \oplus 4560V^{(1),(1)} \oplus 2580V^{(1),(2)} \oplus 1200V^{(1),(3)} \oplus 550V^{(1),(4)} \oplus 204V^{(1),(5)} \oplus 3V^{(1),(6)} \oplus V^{(2),\varnothing} \oplus 2460V^{(2),(1)} \oplus 1208V^{(2),(2)} \oplus 528V^{(2),(3)} \oplus 140V^{(2),(4)} \oplus 6V^{(2),(5)} \oplus V^{(1,1),\varnothing} \oplus 2580V^{(1,1),(1)} \oplus 1316V^{(1,1),(2)} \oplus 594V^{(1,1),(3)} \oplus 168V^{(1,1),(4)} \oplus 9V^{(1,1),(5)} \oplus V^{(2,1),\varnothing} \oplus 1200V^{(2,1),(1)} \oplus 582V^{(2,1),(2)} \oplus 160V^{(2,1),(3)} \oplus 19V^{(2,1),(4)} \oplus V^{(1,1,1),\varnothing} \oplus 1200V^{(1,1,1),(1)} \oplus 594V^{(1,1,1),(2)} \oplus 168V^{(1,1,1),(3)} \oplus 21V^{(1,1,1),(4)} \oplus V^{(2,2),\varnothing} \oplus 500V^{(2,2),(1)} \oplus 132V^{(2,2),(2)} \oplus 10V^{(2,2),(3)} \oplus V^{(2,1,1),\varnothing} \oplus 550V^{(2,1,1),(1)} \oplus 160V^{(2,1,1),(2)} \oplus 13V^{(2,1,1),(3)} \oplus V^{(1,1,1,1),\varnothing} \oplus 550V^{(1,1,1,1),(1)} \oplus 160V^{(1,1,1,1),(2)} \oplus 13V^{(1,1,1,1),(3)} \oplus V^{(2,2,1),\varnothing} \oplus 178V^{(2,2,1),(1)} \oplus 4V^{(2,2,1),(2)} \oplus V^{(2,1,1,1),\varnothing} \oplus 204V^{(2,1,1,1),(1)} \oplus 5V^{(2,1,1,1),(2)} \oplus V^{(1,1,1,1,1),\varnothing} \oplus 178V^{(1,1,1,1,1),(1)} \oplus 4V^{(1,1,1,1,1),(2)} \oplus V^{(2,2,1,1),\varnothing} \oplus 2V^{(2,2,1,1),(1)} \oplus V^{(2,1,1,1,1),\varnothing} \oplus 2V^{(2,1,1,1,1),(1)}$
$k = 6: \quad 720V^{(1),(1)} \oplus 720V^{(1),(2)} \oplus 468V^{(1),(3)} \oplus 260V^{(1),(4)} \oplus 150V^{(1),(5)} \oplus 76V^{(1),(6)} \oplus V^{(1),(7)} \oplus 720V^{(2),(1)} \oplus 624V^{(2),(2)} \oplus 344V^{(2),(3)} \oplus 168V^{(2),(4)} \oplus 62V^{(2),(5)} \oplus 2V^{(2),(6)} \oplus 720V^{(1,1),(1)} \oplus 648V^{(1,1),(2)} \oplus 368V^{(1,1),(3)} \oplus 186V^{(1,1),(4)} \oplus 72V^{(1,1),(5)} \oplus 3V^{(1,1),(6)} \oplus 468V^{(2,1),(1)} \oplus 368V^{(2,1),(2)} \oplus 206V^{(2,1),(3)} \oplus 64V^{(2,1),(4)} \oplus 7V^{(2,1),(5)} \oplus 468V^{(1,1,1),(1)} \oplus 368V^{(1,1,1),(2)} \oplus 210V^{(1,1,1),(3)} \oplus 68V^{(1,1,1),(4)} \oplus 9V^{(1,1,1),(5)} \oplus 260V^{(2,2),(1)} \oplus 168V^{(2,2),(2)} \oplus 52V^{(2,2),(3)} \oplus 10V^{(2,2),(4)} \oplus 260V^{(2,1,1),(1)} \oplus 186V^{(2,1,1),(2)} \oplus 64V^{(2,1,1),(3)} \oplus 13V^{(2,1,1),(4)} \oplus 260V^{(1,1,1,1),(1)} \oplus 186V^{(1,1,1,1),(2)} \oplus 64V^{(1,1,1,1),(3)} \oplus 13V^{(1,1,1,1),(4)} \oplus 150V^{(2,2,1),(1)} \oplus 62V^{(2,2,1),(2)} \oplus 4V^{(2,2,1),(3)} \oplus 150V^{(2,1,1,1),(1)} \oplus 72V^{(2,1,1,1),(2)} \oplus 5V^{(2,1,1,1),(3)} \oplus 150V^{(1,1,1,1,1),(1)} \oplus 62V^{(1,1,1,1,1),(2)} \oplus 4V^{(1,1,1,1,1),(3)} \oplus 76V^{(2,2,1,1),(1)} \oplus 2V^{(2,2,1,1),(2)} \oplus 76V^{(2,1,1,1,1),(1)} \oplus 2V^{(2,1,1,1,1),(2)} \oplus V^{(2,2,1,1,1),(1)}$
$k = 5: \quad 120V^{(2),(2)} \oplus 120V^{(2),(3)} \oplus 80V^{(2),(4)} \oplus 50V^{(2),(5)} \oplus 26V^{(2),(6)} \oplus V^{(2),(7)} \oplus 120V^{(1,1),(2)} \oplus 120V^{(1,1),(3)} \oplus 80V^{(1,1),(4)} \oplus 50V^{(1,1),(5)} \oplus 26V^{(1,1),(6)} \oplus V^{(1,1),(7)} \oplus$

Table 182: Table for $\lambda = (2,2,1,1,1)$, $\mu = (6,1)$:

$k = 14: \quad 7V^{\varnothing,\varnothing}$
$k = 13: \quad 7612V^{\varnothing,\varnothing} \oplus 234V^{\varnothing,(1)} \oplus 111V^{(1),\varnothing}$
$k = 12: \quad 14566V^{\varnothing,\varnothing} \oplus 6848V^{\varnothing,(1)} \oplus 86V^{\varnothing,(2)} \oplus 64V^{\varnothing,(1,1)} \oplus 6356V^{(1),\varnothing} \oplus 1393V^{(1),(1)} \oplus 52V^{(2),\varnothing} \oplus 60V^{(1,1),\varnothing}$
$k = 11: \quad 14392V^{\varnothing,\varnothing} \oplus 12108V^{\varnothing,(1)} \oplus 2612V^{\varnothing,(2)} \oplus 1488V^{\varnothing,(1,1)} \oplus 30V^{\varnothing,(3)} \oplus 22V^{\varnothing,(2,1)} \oplus 11190V^{(1),\varnothing} \oplus 10912V^{(1),(1)} \oplus 433V^{(1),(2)} \oplus 337V^{(1),(1,1)} \oplus 1612V^{(2),\varnothing} \oplus 371V^{(2),(1)} \oplus 2680V^{(1,1),\varnothing} \oplus 389V^{(1,1),(1)} \oplus 26V^{(2,1),\varnothing} \oplus 28V^{(1,1,1),\varnothing}$
$k = 10: \quad 10532V^{\varnothing,\varnothing} \oplus 10476V^{\varnothing,(1)} \oplus 4180V^{\varnothing,(2)} \oplus 2440V^{\varnothing,(1,1)} \oplus 1056V^{\varnothing,(3)} \oplus 598V^{\varnothing,(2,1)} \oplus 11V^{\varnothing,(4)} \oplus 8V^{\varnothing,(3,1)} \oplus 9556V^{(1),\varnothing} \oplus 18482V^{(1),(1)} \oplus 3912V^{(1),(2)} \oplus 2944V^{(1),(1,1)} \oplus 121V^{(1),(3)} \oplus 97V^{(1),(2,1)} \oplus 2430V^{(2),\varnothing} \oplus 3200V^{(2),(1)} \oplus 251V^{(2),(2)} \oplus 186V^{(2),(1,1)} \oplus 4170V^{(1,1),\varnothing} \oplus 3976V^{(1,1),(1)} \oplus 269V^{(1,1),(2)} \oplus 195V^{(1,1),(1,1)} \oplus 976V^{(2,1),\varnothing} \oplus 85V^{(2,1),(1)} \oplus 1080V^{(1,1,1),\varnothing} \oplus 89V^{(1,1,1),(1)} \oplus 8V^{(2,2),\varnothing} \oplus 11V^{(2,1,1),\varnothing} \oplus 11V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 4560V^{\varnothing,\varnothing} \oplus 6896V^{\varnothing,(1)} \oplus 2960V^{\varnothing,(2)} \oplus 1760V^{\varnothing,(1,1)} \oplus 1352V^{\varnothing,(3)} \oplus 802V^{\varnothing,(2,1)} \oplus 464V^{\varnothing,(4)} \oplus 260V^{\varnothing,(3,1)} \oplus 4V^{\varnothing,(5)} \oplus 3V^{\varnothing,(4,1)} \oplus 5640V^{(1),\varnothing} \oplus 17084V^{(1),(1)} \oplus 6198V^{(1),(2)} \oplus 4974V^{(1),(1,1)} \oplus 1480V^{(1),(3)} \oplus 1120V^{(1),(2,1)} \oplus 31V^{(1),(4)} \oplus 25V^{(1),(3,1)} \oplus 1600V^{(2),\varnothing} \oplus 5226V^{(2),(1)} \oplus 1196V^{(2),(2)} \oplus 936V^{(2),(1,1)} \oplus 83V^{(2),(3)} \oplus 66V^{(2),(2,1)} \oplus 2800V^{(1,1),\varnothing} \oplus 6414V^{(1,1),(1)} \oplus 1508V^{(1,1),(2)} \oplus 1092V^{(1,1),(1,1)} \oplus 101V^{(1,1),(3)} \oplus 75V^{(1,1),(2,1)} \oplus 1208V^{(2,1),\varnothing} \oplus 1432V^{(2,1),(1)} \oplus 85V^{(2,1),(2)} \oplus 43V^{(2,1),(1,1)} \oplus 1308V^{(1,1,1),\varnothing} \oplus 1512V^{(1,1,1),(1)} \oplus 89V^{(1,1,1),(2)} \oplus 45V^{(1,1,1),(1,1)} \oplus 228V^{(2,2),\varnothing} \oplus 19V^{(2,2),(1)} \oplus 432V^{(2,1,1),\varnothing} \oplus 25V^{(2,1,1),(1)} \oplus 432V^{(1,1,1,1),\varnothing} \oplus 25V^{(1,1,1,1),(1)} \oplus 3V^{(2,2,1),\varnothing} \oplus 4V^{(2,1,1,1),\varnothing} \oplus 3V^{(1,1,1,1,1),\varnothing}$
$k = 8:$ $720V^{\varnothing,\varnothing} \oplus 2280V^{\varnothing,(1)} \oplus 1356V^{\varnothing,(2)} \oplus 888V^{\varnothing,(1,1)} \oplus 688V^{\varnothing,(3)} \oplus 428V^{\varnothing,(2,1)} \oplus 384V^{\varnothing,(4)} \oplus 234V^{\varnothing,(3,1)} \oplus 180V^{\varnothing,(5)} \oplus 104V^{\varnothing,(4,1)} \oplus V^{\varnothing,(6)} \oplus V^{\varnothing,(5,1)} \oplus 1620V^{(1),\varnothing} \oplus 11828V^{(1),(1)} \oplus 5040V^{(1),(2)} \oplus 4304V^{(1),(1,1)} \oplus 2094V^{(1),(3)} \oplus 1722V^{(1),(2,1)} \oplus 592V^{(1),(4)} \oplus 448V^{(1),(3,1)} \oplus 9V^{(1),(5)} \oplus 7V^{(1),(4,1)} \oplus 588V^{(2),\varnothing} \oplus 4400V^{(2),(1)} \oplus 1766V^{(2),(2)} \oplus 1508V^{(2),(1,1)} \oplus 452V^{(2),(3)} \oplus 356V^{(2),(2,1)} \oplus 23V^{(2),(4)} \oplus 18V^{(2),(3,1)} \oplus 1056V^{(1,1),\varnothing} \oplus 5136V^{(1,1),(1)} \oplus 2186V^{(1,1),(2)} \oplus 1718V^{(1,1),(1,1)} \oplus 588V^{(1,1),(3)} \oplus 424V^{(1,1),(2,1)} \oplus 35V^{(1,1),(4)} \oplus 27V^{(1,1),(3,1)} \oplus 592V^{(2,1),\varnothing} \oplus 2094V^{(2,1),(1)} \oplus 532V^{(2,1),(2)} \oplus 396V^{(2,1),(1,1)} \oplus 61V^{(2,1),(3)} \oplus 43V^{(2,1),(2,1)} \oplus 592V^{(1,1,1),\varnothing} \oplus 2166V^{(1,1,1),(1)} \oplus 564V^{(1,1,1),(2)} \oplus 412V^{(1,1,1),(1,1)} \oplus 65V^{(1,1,1),(3)} \oplus 45V^{(1,1,1),(2,1)} \oplus 186V^{(2,2),\varnothing} \oplus 448V^{(2,2),(1)} \oplus 19V^{(2,2),(2)} \oplus 10V^{(2,2),(1,1)} \oplus 336V^{(2,1,1),\varnothing} \oplus 592V^{(2,1,1),(1)} \oplus 25V^{(2,1,1),(2)} \oplus 13V^{(2,1,1),(1,1)} \oplus 336V^{(1,1,1,1),\varnothing} \oplus 592V^{(1,1,1,1),(1)} \oplus 25V^{(1,1,1,1),(2)} \oplus 13V^{(1,1,1,1),(1,1)} \oplus 88V^{(2,2,1),\varnothing} \oplus 7V^{(2,2,1),(1)} \oplus 164V^{(2,1,1,1),\varnothing} \oplus 9V^{(2,1,1,1),(1)} \oplus 88V^{(1,1,1,1,1),\varnothing} \oplus 7V^{(1,1,1,1,1),(1)} \oplus V^{(2,2,1,1),\varnothing} \oplus V^{(2,1,1,1,1),\varnothing}$
$k = 7: \quad 196V^{\varnothing,(1)} \oplus 140V^{\varnothing,(2)} \oplus 140V^{\varnothing,(1,1)} \oplus 84V^{\varnothing,(3)} \oplus 84V^{\varnothing,(2,1)} \oplus 42V^{\varnothing,(4)} \oplus 42V^{\varnothing,(3,1)} \oplus 28V^{\varnothing,(5)} \oplus 28V^{\varnothing,(4,1)} \oplus 14V^{\varnothing,(6)} \oplus 14V^{\varnothing,(5,1)} \oplus 36V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2580V^{(1),(1,1)} \oplus 1360V^{(1),(3)} \oplus 1200V^{(1),(2,1)} \oplus 650V^{(1),(4)} \oplus 550V^{(1),(3,1)} \oplus 256V^{(1),(5)} \oplus 204V^{(1),(4,1)} \oplus 3V^{(1),(6)} \oplus 3V^{(1),(5,1)} \oplus 30V^{(2),\varnothing} \oplus 2580V^{(2),(1)} \oplus 1328V^{(2),(2)} \oplus 1208V^{(2),(1,1)} \oplus 606V^{(2),(3)} \oplus 528V^{(2),(2,1)} \oplus 176V^{(2),(4)} \oplus 140V^{(2),(3,1)} \oplus 7V^{(2),(5)} \oplus 6V^{(2),(4,1)} \oplus 30V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1544V^{(1,1),(2)} \oplus 1316V^{(1,1),(1,1)} \oplus 738V^{(1,1),(3)} \oplus 594V^{(1,1),(2,1)} \oplus 232V^{(1,1),(4)} \oplus 168V^{(1,1),(3,1)} \oplus 11V^{(1,1),(5)} \oplus 9V^{(1,1),(4,1)} \oplus 24V^{(2,1),\varnothing} \oplus 1360V^{(2,1),(1)} \oplus 714V^{(2,1),(2)} \oplus 582V^{(2,1),(1,1)} \oplus 220V^{(2,1),(3)} \oplus 160V^{(2,1),(2,1)} \oplus 25V^{(2,1),(4)} \oplus 19V^{(2,1),(3,1)} \oplus 24V^{(1,1,1),\varnothing} \oplus 1360V^{(1,1,1),(1)} \oplus 738V^{(1,1,1),(2)} \oplus 594V^{(1,1,1),(1,1)} \oplus 236V^{(1,1,1),(3)} \oplus 168V^{(1,1,1),(2,1)} \oplus 29V^{(1,1,1),(4)} \oplus 21V^{(1,1,1),(3,1)} \oplus 18V^{(2,2),\varnothing} \oplus 550V^{(2,2),(1)} \oplus 160V^{(2,2),(2)} \oplus 132V^{(2,2),(1,1)} \oplus 19V^{(2,2),(3)} \oplus 10V^{(2,2),(2,1)} \oplus 18V^{(2,1,1),\varnothing} \oplus 650V^{(2,1,1),(1)} \oplus 216V^{(2,1,1),(2)} \oplus 160V^{(2,1,1),(1,1)} \oplus 25V^{(2,1,1),(3)} \oplus 13V^{(2,1,1),(2,1)} \oplus 18V^{(1,1,1,1),\varnothing} \oplus 650V^{(1,1,1,1),(1)} \oplus 216V^{(1,1,1,1),(2)} \oplus 160V^{(1,1,1,1),(1,1)} \oplus 25V^{(1,1,1,1),(3)} \oplus 13V^{(1,1,1,1),(2,1)} \oplus 12V^{(2,2,1),\varnothing} \oplus 204V^{(2,2,1),(1)} \oplus 7V^{(2,2,1),(2)} \oplus 4V^{(2,2,1),(1,1)} \oplus 12V^{(2,1,1,1),\varnothing} \oplus 256V^{(2,1,1,1),(1)} \oplus$

Table 183: Table for $\lambda = (2,2,1,1,1)$, $\mu = (5,2)$:

$k = 14: \quad 11V^{\varnothing,\varnothing}$
$k = 13: \quad 7788V^{\varnothing,\varnothing} \oplus 253V^{\varnothing,(1)} \oplus 253V^{(1),\varnothing}$
$k = 12: \quad 14862V^{\varnothing,\varnothing} \oplus 7160V^{\varnothing,(1)} \oplus 93V^{\varnothing,(2)} \oplus 85V^{\varnothing,(1,1)} \oplus 7160V^{(1),\varnothing} \oplus 1483V^{(1),(1)} \oplus 85V^{(2),\varnothing} \oplus 93V^{(1,1),\varnothing}$
$k = 11: \quad 14528V^{\varnothing,\varnothing} \oplus 12462V^{\varnothing,(1)} \oplus 2920V^{\varnothing,(2)} \oplus 1852V^{\varnothing,(1,1)} \oplus 32V^{\varnothing,(3)} \oplus 30V^{\varnothing,(2,1)} \oplus 12462V^{(1),\varnothing} \oplus 11488V^{(1),(1)} \oplus 455V^{(1),(2)} \oplus 431V^{(1),(1,1)} \oplus 1852V^{(2),\varnothing} \oplus 431V^{(2),(1)} \oplus 2920V^{(1,1),\varnothing} \oplus 455V^{(1,1),(1)} \oplus 30V^{(2,1),\varnothing} \oplus 32V^{(1,1,1),\varnothing}$
$k = 10:$ $10728V^{\varnothing,\varnothing} \oplus 10596V^{\varnothing,(1)} \oplus 4570V^{\varnothing,(2)} \oplus 2830V^{\varnothing,(1,1)} \oplus 1160V^{\varnothing,(3)} \oplus 1056V^{\varnothing,(2,1)} \oplus 11V^{\varnothing,(4)} \oplus 11V^{\varnothing,(3,1)} \oplus 8V^{\varnothing,(2,2)} \oplus 10596V^{(1),\varnothing} \oplus 18950V^{(1),(1)} \oplus 4216V^{(1),(2)} \oplus 3392V^{(1),(1,1)} \oplus 125V^{(1),(3)} \oplus 121V^{(1),(2,1)} \oplus 2830V^{(2),\varnothing} \oplus 3392V^{(2),(1)} \oplus 267V^{(2),(2)} \oplus 250V^{(2),(1,1)} \oplus 4570V^{(1,1),\varnothing} \oplus 4216V^{(1,1),(1)} \oplus 293V^{(1,1),(2)} \oplus 267V^{(1,1),(1,1)} \oplus 1056V^{(2,1),\varnothing} \oplus 121V^{(2,1),(1)} \oplus 1160V^{(1,1,1),\varnothing} \oplus 125V^{(1,1,1),(1)} \oplus 8V^{(2,2),\varnothing} \oplus 11V^{(2,1,1),\varnothing} \oplus 11V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 4560V^{\varnothing,\varnothing} \oplus 6896V^{\varnothing,(1)} \oplus 3120V^{\varnothing,(2)} \oplus 1920V^{\varnothing,(1,1)} \oplus 1452V^{\varnothing,(3)} \oplus 1352V^{\varnothing,(2,1)} \oplus 464V^{\varnothing,(4)} \oplus 464V^{\varnothing,(3,1)} \oplus 260V^{\varnothing,(2,2)} \oplus 3V^{\varnothing,(5)} \oplus 4V^{\varnothing,(4,1)} \oplus 3V^{\varnothing,(3,2)} \oplus 6896V^{(1),\varnothing} \oplus 17192V^{(1),(1)} \oplus 6522V^{(1),(2)} \oplus 5298V^{(1),(1,1)} \oplus 1560V^{(1),(3)} \oplus 1480V^{(1),(2,1)} \oplus 31V^{(1),(4)} \oplus 31V^{(1),(3,1)} \oplus 25V^{(1),(2,2)} \oplus 1920V^{(2),\varnothing} \oplus 5298V^{(2),(1)} \oplus 1308V^{(2),(2)} \oplus 1096V^{(2),(1,1)} \oplus 87V^{(2),(3)} \oplus 83V^{(2),(2,1)} \oplus 3120V^{(1,1),\varnothing} \oplus 6522V^{(1,1),(1)} \oplus 1676V^{(1,1),(2)} \oplus 1308V^{(1,1),(1,1)} \oplus 107V^{(1,1),(3)} \oplus 101V^{(1,1),(2,1)} \oplus 1352V^{(2,1),\varnothing} \oplus 1480V^{(2,1),(1)} \oplus 101V^{(2,1),(2)} \oplus 83V^{(2,1),(1,1)} \oplus 1452V^{(1,1,1),\varnothing} \oplus 1560V^{(1,1,1),(1)} \oplus 107V^{(1,1,1),(2)} \oplus 87V^{(1,1,1),(1,1)} \oplus 260V^{(2,2),\varnothing} \oplus 25V^{(2,2),(1)} \oplus 464V^{(2,1,1),\varnothing} \oplus 31V^{(2,1,1),(1)} \oplus 464V^{(1,1,1,1),\varnothing} \oplus 31V^{(1,1,1,1),(1)} \oplus 3V^{(2,2,1),\varnothing} \oplus 4V^{(2,1,1,1),\varnothing} \oplus 3V^{(1,1,1,1,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 2280V^{\varnothing,(1)} \oplus 1356V^{\varnothing,(2)} \oplus 888V^{\varnothing,(1,1)} \oplus 688V^{\varnothing,(3)} \oplus 688V^{\varnothing,(2,1)} \oplus 384V^{\varnothing,(4)} \oplus 384V^{\varnothing,(3,1)} \oplus 234V^{\varnothing,(2,2)} \oplus 104V^{\varnothing,(5)} \oplus 180V^{\varnothing,(4,1)} \oplus 104V^{\varnothing,(3,2)} \oplus V^{\varnothing,(5,1)} \oplus V^{\varnothing,(4,2)} \oplus 2280V^{(1),\varnothing} \oplus 11828V^{(1),(1)} \oplus 5136V^{(1),(2)} \oplus 4400V^{(1),(1,1)} \oplus 2166V^{(1),(3)} \oplus 2094V^{(1),(2,1)} \oplus 592V^{(1),(4)} \oplus 592V^{(1),(3,1)} \oplus 448V^{(1),(2,2)} \oplus 7V^{(1),(5)} \oplus 9V^{(1),(4,1)} \oplus 7V^{(1),(3,2)} \oplus 888V^{(2),\varnothing} \oplus 4400V^{(2),(1)} \oplus 1862V^{(2),(2)} \oplus 1604V^{(2),(1,1)} \oplus 484V^{(2),(3)} \oplus 452V^{(2),(2,1)} \oplus 23V^{(2),(4)} \oplus 23V^{(2),(3,1)} \oplus 18V^{(2),(2,2)} \oplus 1356V^{(1,1),\varnothing} \oplus 5136V^{(1,1),(1)} \oplus 2330V^{(1,1),(2)} \oplus 1862V^{(1,1),(1,1)} \oplus 636V^{(1,1),(3)} \oplus 588V^{(1,1),(2,1)} \oplus 35V^{(1,1),(4)} \oplus 35V^{(1,1),(3,1)} \oplus 27V^{(1,1),(2,2)} \oplus 688V^{(2,1),\varnothing} \oplus 2094V^{(2,1),(1)} \oplus 588V^{(2,1),(2)} \oplus 452V^{(2,1),(1,1)} \oplus 65V^{(2,1),(3)} \oplus 61V^{(2,1),(2,1)} \oplus 688V^{(1,1,1),\varnothing} \oplus 2166V^{(1,1,1),(1)} \oplus 636V^{(1,1,1),(2)} \oplus 484V^{(1,1,1),(1,1)} \oplus 71V^{(1,1,1),(3)} \oplus 65V^{(1,1,1),(2,1)} \oplus 234V^{(2,2),\varnothing} \oplus 448V^{(2,2),(1)} \oplus 27V^{(2,2),(2)} \oplus 18V^{(2,2),(1,1)} \oplus 384V^{(2,1,1),\varnothing} \oplus 592V^{(2,1,1),(1)} \oplus 35V^{(2,1,1),(2)} \oplus 23V^{(2,1,1),(1,1)} \oplus 384V^{(1,1,1,1),\varnothing} \oplus 592V^{(1,1,1,1),(1)} \oplus 35V^{(1,1,1,1),(2)} \oplus 23V^{(1,1,1,1),(1,1)} \oplus 104V^{(2,2,1),\varnothing} \oplus 7V^{(2,2,1),(1)} \oplus 180V^{(2,1,1,1),\varnothing} \oplus 9V^{(2,1,1,1),(1)} \oplus 104V^{(1,1,1,1,1),\varnothing} \oplus 7V^{(1,1,1,1,1),(1)} \oplus V^{(2,2,1,1),\varnothing} \oplus V^{(2,1,1,1,1),\varnothing}$
$k = 7: \quad 196V^{\varnothing,(1)} \oplus 140V^{\varnothing,(2)} \oplus 140V^{\varnothing,(1,1)} \oplus 84V^{\varnothing,(3)} \oplus 84V^{\varnothing,(2,1)} \oplus 42V^{\varnothing,(4)} \oplus 42V^{\varnothing,(3,1)} \oplus 42V^{\varnothing,(2,2)} \oplus 28V^{\varnothing,(5)} \oplus 28V^{\varnothing,(4,1)} \oplus 28V^{\varnothing,(3,2)} \oplus 14V^{\varnothing,(5,1)} \oplus 14V^{\varnothing,(4,2)} \oplus 196V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2580V^{(1),(1,1)} \oplus 1360V^{(1),(3)} \oplus 1360V^{(1),(2,1)} \oplus 650V^{(1),(4)} \oplus 650V^{(1),(3,1)} \oplus 550V^{(1),(2,2)} \oplus 204V^{(1),(5)} \oplus 256V^{(1),(4,1)} \oplus 204V^{(1),(3,2)} \oplus 3V^{(1),(5,1)} \oplus 3V^{(1),(4,2)} \oplus 140V^{(2),\varnothing} \oplus 2580V^{(2),(1)} \oplus 1352V^{(2),(2)} \oplus 1232V^{(2),(1,1)} \oplus 630V^{(2),(3)} \oplus 606V^{(2),(2,1)} \oplus 176V^{(2),(4)} \oplus 176V^{(2),(3,1)} \oplus 140V^{(2),(2,2)} \oplus 6V^{(2),(5)} \oplus 7V^{(2),(4,1)} \oplus 6V^{(2),(3,2)} \oplus 140V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1580V^{(1,1),(2)} \oplus 1352V^{(1,1),(1,1)} \oplus 774V^{(1,1),(3)} \oplus 738V^{(1,1),(2,1)} \oplus 232V^{(1,1),(4)} \oplus 232V^{(1,1),(3,1)} \oplus 168V^{(1,1),(2,2)} \oplus 9V^{(1,1),(5)} \oplus 11V^{(1,1),(4,1)} \oplus 9V^{(1,1),(3,2)} \oplus 84V^{(2,1),\varnothing} \oplus 1360V^{(2,1),(1)} \oplus 738V^{(2,1),(2)} \oplus 606V^{(2,1),(1,1)} \oplus 236V^{(2,1),(3)} \oplus 220V^{(2,1),(2,1)} \oplus 25V^{(2,1),(4)} \oplus 25V^{(2,1),(3,1)} \oplus 19V^{(2,1),(2,2)} \oplus 84V^{(1,1,1),\varnothing} \oplus 1360V^{(1,1,1),(1)} \oplus 774V^{(1,1,1),(2)} \oplus 630V^{(1,1,1),(1,1)} \oplus 260V^{(1,1,1),(3)} \oplus 236V^{(1,1,1),(2,1)} \oplus 29V^{(1,1,1),(4)} \oplus 29V^{(1,1,1),(3,1)} \oplus 21V^{(1,1,1),(2,2)} \oplus 42V^{(2,2),\varnothing} \oplus 550V^{(2,2),(1)} \oplus 168V^{(2,2),(2)} \oplus$

Table 184: Table for $\lambda = (2,2,1,1,1)$, $\mu = (5,1,1)$:

$k = 14: \quad 17V^{\varnothing,\varnothing}$
$k = 13: \quad 7982V^{\varnothing,\varnothing} \oplus 255V^{\varnothing,(1)} \oplus 312V^{(1),\varnothing}$
$k = 12: \quad 15142V^{\varnothing,\varnothing} \oplus 7680V^{\varnothing,(1)} \oplus 93V^{\varnothing,(2)} \oplus 86V^{\varnothing,(1,1)} \oplus 7520V^{(1),\varnothing} \oplus 1487V^{(1),(1)} \oplus 108V^{(2),\varnothing} \oplus 117V^{(1,1),\varnothing}$
$k = 11: \quad 14878V^{\varnothing,\varnothing} \oplus 13362V^{\varnothing,(1)} \oplus 2920V^{\varnothing,(2)} \oplus 2612V^{\varnothing,(1,1)} \oplus 32V^{\varnothing,(3)} \oplus 30V^{\varnothing,(2,1)} \oplus 22V^{\varnothing,(1,1,1)} \oplus 12864V^{(1),\varnothing} \oplus 11888V^{(1),(1)} \oplus 455V^{(1),(2)} \oplus 433V^{(1),(1,1)} \oplus 1958V^{(2),\varnothing} \oplus 435V^{(2),(1)} \oplus 3046V^{(1,1),\varnothing} \oplus 461V^{(1,1),(1)} \oplus 37V^{(2,1),\varnothing} \oplus 39V^{(1,1,1),\varnothing}$
$k = 10: \quad 10766V^{\varnothing,\varnothing} \oplus 11236V^{\varnothing,(1)} \oplus 4570V^{\varnothing,(2)} \oplus 4180V^{\varnothing,(1,1)} \oplus 1160V^{\varnothing,(3)} \oplus 1056V^{\varnothing,(2,1)} \oplus 598V^{\varnothing,(1,1,1)} \oplus 11V^{\varnothing,(4)} \oplus 11V^{\varnothing,(3,1)} \oplus 8V^{\varnothing,(2,1,1)} \oplus 11638V^{(1),\varnothing} \oplus 19598V^{(1),(1)} \oplus 4216V^{(1),(2)} \oplus 3912V^{(1),(1,1)} \oplus 125V^{(1),(3)} \oplus 121V^{(1),(2,1)} \oplus 97V^{(1),(1,1,1)} \oplus 2916V^{(2),\varnothing} \oplus 3552V^{(2),(1)} \oplus 267V^{(2),(2)} \oplus 251V^{(2),(1,1)} \oplus 4674V^{(1,1),\varnothing} \oplus 4456V^{(1,1),(1)} \oplus 293V^{(1,1),(2)} \oplus 269V^{(1,1),(1,1)} \oplus 1086V^{(2,1),\varnothing} \oplus 125V^{(2,1),(1)} \oplus 1190V^{(1,1,1),\varnothing} \oplus 131V^{(1,1,1),(1)} \oplus 9V^{(2,2),\varnothing} \oplus 12V^{(2,1,1),\varnothing} \oplus 12V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 4560V^{\varnothing,\varnothing} \oplus 7136V^{\varnothing,(1)} \oplus 3120V^{\varnothing,(2)} \oplus 2960V^{\varnothing,(1,1)} \oplus 1452V^{\varnothing,(3)} \oplus 1352V^{\varnothing,(2,1)} \oplus 802V^{\varnothing,(1,1,1)} \oplus 464V^{\varnothing,(4)} \oplus 464V^{\varnothing,(3,1)} \oplus 260V^{\varnothing,(2,1,1)} \oplus 3V^{\varnothing,(5)} \oplus 4V^{\varnothing,(4,1)} \oplus 3V^{\varnothing,(3,1,1)} \oplus 7185V^{(1),\varnothing} \oplus 17576V^{(1),(1)} \oplus 6522V^{(1),(2)} \oplus 6198V^{(1),(1,1)} \oplus 1560V^{(1),(3)} \oplus 1480V^{(1),(2,1)} \oplus 1120V^{(1),(1,1,1)} \oplus 31V^{(1),(4)} \oplus 31V^{(1),(3,1)} \oplus 25V^{(1),(2,1,1)} \oplus 2200V^{(2),\varnothing} \oplus 5514V^{(2),(1)} \oplus 1308V^{(2),(2)} \oplus 1196V^{(2),(1,1)} \oplus 87V^{(2),(3)} \oplus 83V^{(2),(2,1)} \oplus 66V^{(2),(1,1,1)} \oplus 3400V^{(1,1),\varnothing} \oplus 6846V^{(1,1),(1)} \oplus 1676V^{(1,1),(2)} \oplus 1508V^{(1,1),(1,1)} \oplus 107V^{(1,1),(3)} \oplus 101V^{(1,1),(2,1)} \oplus 75V^{(1,1),(1,1,1)} \oplus 1370V^{(2,1),\varnothing} \oplus 1560V^{(2,1),(1)} \oplus 101V^{(2,1),(2)} \oplus 85V^{(2,1),(1,1)} \oplus 1470V^{(1,1,1),\varnothing} \oplus 1680V^{(1,1,1),(1)} \oplus 107V^{(1,1,1),(2)} \oplus 89V^{(1,1,1),(1,1)} \oplus 264V^{(2,2),\varnothing} \oplus 27V^{(2,2),(1)} \oplus 468V^{(2,1,1),\varnothing} \oplus 35V^{(2,1,1),(1)} \oplus 468V^{(1,1,1,1),\varnothing} \oplus 35V^{(1,1,1,1),(1)} \oplus 3V^{(2,2,1),\varnothing} \oplus 4V^{(2,1,1,1),\varnothing} \oplus 3V^{(1,1,1,1,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 2280V^{\varnothing,(1)} \oplus 1356V^{\varnothing,(2)} \oplus 1356V^{\varnothing,(1,1)} \oplus 688V^{\varnothing,(3)} \oplus 688V^{\varnothing,(2,1)} \oplus 428V^{\varnothing,(1,1,1)} \oplus 384V^{\varnothing,(4)} \oplus 384V^{\varnothing,(3,1)} \oplus 234V^{\varnothing,(2,1,1)} \oplus 104V^{\varnothing,(5)} \oplus 180V^{\varnothing,(4,1)} \oplus 104V^{\varnothing,(3,1,1)} \oplus V^{\varnothing,(5,1)} \oplus V^{\varnothing,(4,1,1)} \oplus 2430V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 5136V^{(1),(2)} \oplus 5040V^{(1),(1,1)} \oplus 2166V^{(1),(3)} \oplus 2094V^{(1),(2,1)} \oplus 1722V^{(1),(1,1,1)} \oplus 592V^{(1),(4)} \oplus 592V^{(1),(3,1)} \oplus 448V^{(1),(2,1,1)} \oplus 7V^{(1),(5)} \oplus 9V^{(1),(4,1)} \oplus 7V^{(1),(3,1,1)} \oplus 993V^{(2),\varnothing} \oplus 4496V^{(2),(1)} \oplus 1862V^{(2),(2)} \oplus 1766V^{(2),(1,1)} \oplus 484V^{(2),(3)} \oplus 452V^{(2),(2,1)} \oplus 356V^{(2),(1,1,1)} \oplus 23V^{(2),(4)} \oplus 23V^{(2),(3,1)} \oplus 18V^{(2),(2,1,1)} \oplus 1461V^{(1,1),\varnothing} \oplus 5280V^{(1,1),(1)} \oplus 2330V^{(1,1),(2)} \oplus 2186V^{(1,1),(1,1)} \oplus 636V^{(1,1),(3)} \oplus 588V^{(1,1),(2,1)} \oplus 424V^{(1,1),(1,1,1)} \oplus 35V^{(1,1),(4)} \oplus 35V^{(1,1),(3,1)} \oplus 27V^{(1,1),(2,1,1)} \oplus 760V^{(2,1),\varnothing} \oplus 2166V^{(2,1),(1)} \oplus 588V^{(2,1),(2)} \oplus 532V^{(2,1),(1,1)} \oplus 65V^{(2,1),(3)} \oplus 61V^{(2,1),(2,1)} \oplus 43V^{(2,1),(1,1,1)} \oplus 760V^{(1,1,1),\varnothing} \oplus 2274V^{(1,1,1),(1)} \oplus 636V^{(1,1,1),(2)} \oplus 564V^{(1,1,1),(1,1)} \oplus 71V^{(1,1,1),(3)} \oplus 65V^{(1,1,1),(2,1)} \oplus 45V^{(1,1,1),(1,1,1)} \oplus 240V^{(2,2),\varnothing} \oplus 468V^{(2,2),(1)} \oplus 27V^{(2,2),(2)} \oplus 19V^{(2,2),(1,1)} \oplus 390V^{(2,1,1),\varnothing} \oplus 632V^{(2,1,1),(1)} \oplus 35V^{(2,1,1),(2)} \oplus 25V^{(2,1,1),(1,1)} \oplus 390V^{(1,1,1,1),\varnothing} \oplus 632V^{(1,1,1,1),(1)} \oplus 35V^{(1,1,1,1),(2)} \oplus 25V^{(1,1,1,1),(1,1)} \oplus 106V^{(2,2,1),\varnothing} \oplus 9V^{(2,2,1),(1)} \oplus 182V^{(2,1,1,1),\varnothing} \oplus 11V^{(2,1,1,1),(1)} \oplus 106V^{(1,1,1,1,1),\varnothing} \oplus 9V^{(1,1,1,1,1),(1)} \oplus V^{(2,2,1,1),\varnothing} \oplus V^{(2,1,1,1,1),\varnothing}$
$k = 7:$ $196V^{\varnothing,(1)} \oplus 140V^{\varnothing,(2)} \oplus 140V^{\varnothing,(1,1)} \oplus 84V^{\varnothing,(3)} \oplus 84V^{\varnothing,(2,1)} \oplus 84V^{\varnothing,(1,1,1)} \oplus 42V^{\varnothing,(4)} \oplus 42V^{\varnothing,(3,1)} \oplus 42V^{\varnothing,(2,1,1)} \oplus 28V^{\varnothing,(5)} \oplus 28V^{\varnothing,(4,1)} \oplus 28V^{\varnothing,(3,1,1)} \oplus 14V^{\varnothing,(5,1)} \oplus 14V^{\varnothing,(4,1,1)} \oplus 225V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1360V^{(1),(3)} \oplus 1360V^{(1),(2,1)} \oplus 1200V^{(1),(1,1,1)} \oplus 650V^{(1),(4)} \oplus 650V^{(1),(3,1)} \oplus 550V^{(1),(2,1,1)} \oplus 204V^{(1),(5)} \oplus 256V^{(1),(4,1)} \oplus 204V^{(1),(3,1,1)} \oplus 3V^{(1),(5,1)} \oplus 3V^{(1),(4,1,1)} \oplus 165V^{(2),\varnothing} \oplus 2580V^{(2),(1)} \oplus 1352V^{(2),(2)} \oplus 1328V^{(2),(1,1)} \oplus 630V^{(2),(3)} \oplus 606V^{(2),(2,1)} \oplus 528V^{(2),(1,1,1)} \oplus 176V^{(2),(4)} \oplus 176V^{(2),(3,1)} \oplus 140V^{(2),(2,1,1)} \oplus 6V^{(2),(5)} \oplus 7V^{(2),(4,1)} \oplus 6V^{(2),(3,1,1)} \oplus 165V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1580V^{(1,1),(2)} \oplus 1544V^{(1,1),(1,1)} \oplus 774V^{(1,1),(3)} \oplus 738V^{(1,1),(2,1)} \oplus 594V^{(1,1),(1,1,1)} \oplus$

Table 185: Table for $\lambda = (2,2,1,1,1)$, $\mu = (4,3)$:

$k = 14: \quad 11V^{\varnothing,\varnothing}$
$k = 13: \quad 7788V^{\varnothing,\varnothing} \oplus 239V^{\varnothing,(1)} \oplus 251V^{(1),\varnothing}$
$k = 12: \quad 14862V^{\varnothing,\varnothing} \oplus 7048V^{\varnothing,(1)} \oplus 88V^{\varnothing,(2)} \oplus 85V^{\varnothing,(1,1)} \oplus 7156V^{(1),\varnothing} \oplus 1411V^{(1),(1)} \oplus 84V^{(2),\varnothing} \oplus 92V^{(1,1),\varnothing}$
$k = 11: \quad 14528V^{\varnothing,\varnothing} \oplus 12378V^{\varnothing,(1)} \oplus 2820V^{\varnothing,(2)} \oplus 1852V^{\varnothing,(1,1)} \oplus 30V^{\varnothing,(3)} \oplus 30V^{\varnothing,(2,1)} \oplus 12462V^{(1),\varnothing} \oplus 11200V^{(1),(1)} \oplus 437V^{(1),(2)} \oplus 431V^{(1),(1,1)} \oplus 1852V^{(2),\varnothing} \oplus 383V^{(2),(1)} \oplus 2920V^{(1,1),\varnothing} \oplus 407V^{(1,1),(1)} \oplus 30V^{(2,1),\varnothing} \oplus 32V^{(1,1,1),\varnothing}$
$k = 10:$ $10728V^{\varnothing,\varnothing} \oplus 10596V^{\varnothing,(1)} \oplus 4480V^{\varnothing,(2)} \oplus 2830V^{\varnothing,(1,1)} \oplus 1056V^{\varnothing,(3)} \oplus 1056V^{\varnothing,(2,1)} \oplus 8V^{\varnothing,(4)} \oplus 11V^{\varnothing,(3,1)} \oplus 10V^{\varnothing,(2,2)} \oplus 10596V^{(1),\varnothing} \oplus 18806V^{(1),(1)} \oplus 4072V^{(1),(2)} \oplus 3392V^{(1),(1,1)} \oplus 121V^{(1),(3)} \oplus 121V^{(1),(2,1)} \oplus 2830V^{(2),\varnothing} \oplus 3296V^{(2),(1)} \oplus 255V^{(2),(2)} \oplus 250V^{(2),(1,1)} \oplus 4570V^{(1,1),\varnothing} \oplus 4120V^{(1,1),(1)} \oplus 275V^{(1,1),(2)} \oplus 267V^{(1,1),(1,1)} \oplus 1056V^{(2,1),\varnothing} \oplus 97V^{(2,1),(1)} \oplus 1160V^{(1,1,1),\varnothing} \oplus 101V^{(1,1,1),(1)} \oplus 8V^{(2,2),\varnothing} \oplus 11V^{(2,1,1),\varnothing} \oplus 11V^{(1,1,1,1),\varnothing}$
$k = 9:$ $4560V^{\varnothing,\varnothing} \oplus 6896V^{\varnothing,(1)} \oplus 3120V^{\varnothing,(2)} \oplus 1920V^{\varnothing,(1,1)} \oplus 1352V^{\varnothing,(3)} \oplus 1352V^{\varnothing,(2,1)} \oplus 260V^{\varnothing,(4)} \oplus 464V^{\varnothing,(3,1)} \oplus 312V^{\varnothing,(2,2)} \oplus 3V^{\varnothing,(4,1)} \oplus 4V^{\varnothing,(3,2)} \oplus 6896V^{(1),\varnothing} \oplus 17192V^{(1),(1)} \oplus 6414V^{(1),(2)} \oplus 5298V^{(1),(1,1)} \oplus 1480V^{(1),(3)} \oplus 1480V^{(1),(2,1)} \oplus 25V^{(1),(4)} \oplus 31V^{(1),(3,1)} \oplus 29V^{(1),(2,2)} \oplus 1920V^{(2),\varnothing} \oplus 5298V^{(2),(1)} \oplus 1260V^{(2),(2)} \oplus 1096V^{(2),(1,1)} \oplus 83V^{(2),(3)} \oplus 83V^{(2),(2,1)} \oplus 3120V^{(1,1),\varnothing} \oplus 6522V^{(1,1),(1)} \oplus 1604V^{(1,1),(2)} \oplus 1308V^{(1,1),(1,1)} \oplus 101V^{(1,1),(3)} \oplus 101V^{(1,1),(2,1)} \oplus 1352V^{(2,1),\varnothing} \oplus 1480V^{(2,1),(1)} \oplus 89V^{(2,1),(2)} \oplus 83V^{(2,1),(1,1)} \oplus 1452V^{(1,1,1),\varnothing} \oplus 1560V^{(1,1,1),(1)} \oplus 95V^{(1,1,1),(2)} \oplus 87V^{(1,1,1),(1,1)} \oplus 260V^{(2,2),\varnothing} \oplus 25V^{(2,2),(1)} \oplus 464V^{(2,1,1),\varnothing} \oplus 31V^{(2,1,1),(1)} \oplus 464V^{(1,1,1,1),\varnothing} \oplus 31V^{(1,1,1,1),(1)} \oplus 3V^{(2,2,1),\varnothing} \oplus 4V^{(2,1,1,1),\varnothing} \oplus 3V^{(1,1,1,1,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 2280V^{\varnothing,(1)} \oplus 1356V^{\varnothing,(2)} \oplus 888V^{\varnothing,(1,1)} \oplus 688V^{\varnothing,(3)} \oplus 688V^{\varnothing,(2,1)} \oplus 234V^{\varnothing,(4)} \oplus 384V^{\varnothing,(3,1)} \oplus 234V^{\varnothing,(2,2)} \oplus 104V^{\varnothing,(4,1)} \oplus 180V^{\varnothing,(3,2)} \oplus V^{\varnothing,(4,2)} \oplus V^{\varnothing,(3,3)} \oplus 2196V^{(1),\varnothing} \oplus 11828V^{(1),(1)} \oplus 5136V^{(1),(2)} \oplus 4400V^{(1),(1,1)} \oplus 2094V^{(1),(3)} \oplus 2094V^{(1),(2,1)} \oplus 448V^{(1),(4)} \oplus 592V^{(1),(3,1)} \oplus 488V^{(1),(2,2)} \oplus 7V^{(1),(4,1)} \oplus 9V^{(1),(3,2)} \oplus 888V^{(2),\varnothing} \oplus 4400V^{(2),(1)} \oplus 1838V^{(2),(2)} \oplus 1604V^{(2),(1,1)} \oplus 452V^{(2),(3)} \oplus 452V^{(2),(2,1)} \oplus 18V^{(2),(4)} \oplus 23V^{(2),(3,1)} \oplus 22V^{(2),(2,2)} \oplus 1356V^{(1,1),\varnothing} \oplus 5136V^{(1,1),(1)} \oplus 2294V^{(1,1),(2)} \oplus 1862V^{(1,1),(1,1)} \oplus 588V^{(1,1),(3)} \oplus 588V^{(1,1),(2,1)} \oplus 27V^{(1,1),(4)} \oplus 35V^{(1,1),(3,1)} \oplus 33V^{(1,1),(2,2)} \oplus 688V^{(2,1),\varnothing} \oplus 2094V^{(2,1),(1)} \oplus 564V^{(2,1),(2)} \oplus 452V^{(2,1),(1,1)} \oplus 61V^{(2,1),(3)} \oplus 61V^{(2,1),(2,1)} \oplus 688V^{(1,1,1),\varnothing} \oplus 2166V^{(1,1,1),(1)} \oplus 612V^{(1,1,1),(2)} \oplus 484V^{(1,1,1),(1,1)} \oplus 65V^{(1,1,1),(3)} \oplus 65V^{(1,1,1),(2,1)} \oplus 234V^{(2,2),\varnothing} \oplus 448V^{(2,2),(1)} \oplus 21V^{(2,2),(2)} \oplus 18V^{(2,2),(1,1)} \oplus 384V^{(2,1,1),\varnothing} \oplus 592V^{(2,1,1),(1)} \oplus 29V^{(2,1,1),(2)} \oplus 23V^{(2,1,1),(1,1)} \oplus 384V^{(1,1,1,1),\varnothing} \oplus 592V^{(1,1,1,1),(1)} \oplus 29V^{(1,1,1,1),(2)} \oplus 23V^{(1,1,1,1),(1,1)} \oplus 104V^{(2,2,1),\varnothing} \oplus 7V^{(2,2,1),(1)} \oplus 180V^{(2,1,1,1),\varnothing} \oplus 9V^{(2,1,1,1),(1)} \oplus 104V^{(1,1,1,1,1),\varnothing} \oplus 7V^{(1,1,1,1,1),(1)} \oplus V^{(2,2,1,1),\varnothing} \oplus V^{(2,1,1,1,1),\varnothing}$
$k = 7: \quad 196V^{\varnothing,(1)} \oplus 140V^{\varnothing,(2)} \oplus 140V^{\varnothing,(1,1)} \oplus 84V^{\varnothing,(3)} \oplus 84V^{\varnothing,(2,1)} \oplus 42V^{\varnothing,(4)} \oplus 42V^{\varnothing,(3,1)} \oplus 42V^{\varnothing,(2,2)} \oplus 28V^{\varnothing,(4,1)} \oplus 28V^{\varnothing,(3,2)} \oplus 14V^{\varnothing,(4,2)} \oplus 14V^{\varnothing,(3,3)} \oplus 196V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2580V^{(1),(1,1)} \oplus 1360V^{(1),(3)} \oplus 1360V^{(1),(2,1)} \oplus 550V^{(1),(4)} \oplus 650V^{(1),(3,1)} \oplus 550V^{(1),(2,2)} \oplus 204V^{(1),(4,1)} \oplus 256V^{(1),(3,2)} \oplus 3V^{(1),(4,2)} \oplus 3V^{(1),(3,3)} \oplus 126V^{(2),\varnothing} \oplus 2580V^{(2),(1)} \oplus 1352V^{(2),(2)} \oplus 1232V^{(2),(1,1)} \oplus 606V^{(2),(3)} \oplus 606V^{(2),(2,1)} \oplus 140V^{(2),(4)} \oplus 176V^{(2),(3,1)} \oplus 156V^{(2),(2,2)} \oplus 6V^{(2),(4,1)} \oplus 7V^{(2),(3,2)} \oplus 126V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1580V^{(1,1),(2)} \oplus 1352V^{(1,1),(1,1)} \oplus 738V^{(1,1),(3)} \oplus 738V^{(1,1),(2,1)} \oplus 168V^{(1,1),(4)} \oplus 232V^{(1,1),(3,1)} \oplus 192V^{(1,1),(2,2)} \oplus 9V^{(1,1),(4,1)} \oplus 11V^{(1,1),(3,2)} \oplus 84V^{(2,1),\varnothing} \oplus 1360V^{(2,1),(1)} \oplus 738V^{(2,1),(2)} \oplus 606V^{(2,1),(1,1)} \oplus 220V^{(2,1),(3)} \oplus 220V^{(2,1),(2,1)} \oplus 19V^{(2,1),(4)} \oplus 25V^{(2,1),(3,1)} \oplus 23V^{(2,1),(2,2)} \oplus 84V^{(1,1,1),\varnothing} \oplus 1360V^{(1,1,1),(1)} \oplus 774V^{(1,1,1),(2)} \oplus 630V^{(1,1,1),(1,1)} \oplus 236V^{(1,1,1),(3)} \oplus 236V^{(1,1,1),(2,1)} \oplus 21V^{(1,1,1),(4)} \oplus 29V^{(1,1,1),(3,1)} \oplus 27V^{(1,1,1),(2,2)} \oplus 42V^{(2,2),\varnothing} \oplus 550V^{(2,2),(1)} \oplus 168V^{(2,2),(2)} \oplus$

Table 186: Table for $\lambda = (2,2,1,1,1)$, $\mu = (4,2,1)$:

$k = 14: \quad 46V^{\varnothing,\varnothing}$
$k = 13: \quad 8426V^{\varnothing,\varnothing} \oplus 316V^{\varnothing,(1)} \oplus 734V^{(1),\varnothing}$
$k = 12: \quad 15824V^{\varnothing,\varnothing} \oplus 8076V^{\varnothing,(1)} \oplus 114V^{\varnothing,(2)} \oplus 112V^{\varnothing,(1,1)} \oplus 9332V^{(1),\varnothing} \oplus 1817V^{(1),(1)} \oplus 165V^{(2),\varnothing} \oplus 174V^{(1,1),\varnothing}$
$k = 11: \quad 15462V^{\varnothing,\varnothing} \oplus 13716V^{\varnothing,(1)} \oplus 3284V^{\varnothing,(2)} \oplus 3076V^{\varnothing,(1,1)} \oplus 37V^{\varnothing,(3)} \oplus 40V^{\varnothing,(2,1)} \oplus 29V^{\varnothing,(1,1,1)} \oplus 15936V^{(1),\varnothing} \oplus 12704V^{(1),(1)} \oplus 549V^{(1),(2)} \oplus 545V^{(1),(1,1)} \oplus 2510V^{(2),\varnothing} \oplus 615V^{(2),(1)} \oplus 3598V^{(1,1),\varnothing} \oplus 647V^{(1,1),(1)} \oplus 41V^{(2,1),\varnothing} \oplus 43V^{(1,1,1),\varnothing}$
$k = 10: \quad 11536V^{\varnothing,\varnothing} \oplus 11356V^{\varnothing,(1)} \oplus 4960V^{\varnothing,(2)} \oplus 4660V^{\varnothing,(1,1)} \oplus 1210V^{\varnothing,(3)} \oplus 1618V^{\varnothing,(2,1)} \oplus 752V^{\varnothing,(1,1,1)} \oplus 10V^{\varnothing,(4)} \oplus 14V^{\varnothing,(3,1)} \oplus 11V^{\varnothing,(2,2)} \oplus 11V^{\varnothing,(2,1,1)} \oplus 15358V^{(1),\varnothing} \oplus 20066V^{(1),(1)} \oplus 4664V^{(1),(2)} \oplus 4504V^{(1),(1,1)} \oplus 143V^{(1),(3)} \oplus 149V^{(1),(2,1)} \oplus 119V^{(1),(1,1,1)} \oplus 3916V^{(2),\varnothing} \oplus 3744V^{(2),(1)} \oplus 331V^{(2),(2)} \oplus 327V^{(2),(1,1)} \oplus 5674V^{(1,1),\varnothing} \oplus 4696V^{(1,1),(1)} \oplus 365V^{(1,1),(2)} \oplus 359V^{(1,1),(1,1)} \oplus 1286V^{(2,1),\varnothing} \oplus 161V^{(2,1),(1)} \oplus 1390V^{(1,1,1),\varnothing} \oplus 167V^{(1,1,1),(1)} \oplus 9V^{(2,2),\varnothing} \oplus 12V^{(2,1,1),\varnothing} \oplus 12V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 5050V^{\varnothing,\varnothing} \oplus 7136V^{\varnothing,(1)} \oplus 3280V^{\varnothing,(2)} \oplus 3120V^{\varnothing,(1,1)} \oplus 1452V^{\varnothing,(3)} \oplus 2002V^{\varnothing,(2,1)} \oplus 902V^{\varnothing,(1,1,1)} \oplus 312V^{\varnothing,(4)} \oplus 668V^{\varnothing,(3,1)} \oplus 464V^{\varnothing,(2,2)} \oplus 464V^{\varnothing,(2,1,1)} \oplus 4V^{\varnothing,(4,1)} \oplus 4V^{\varnothing,(3,2)} \oplus 4V^{\varnothing,(3,1,1)} \oplus 3V^{\varnothing,(2,2,1)} \oplus 11425V^{(1),\varnothing} \oplus 17684V^{(1),(1)} \oplus 6846V^{(1),(2)} \oplus 6630V^{(1),(1,1)} \oplus 1632V^{(1),(3)} \oplus 1920V^{(1),(2,1)} \oplus 1272V^{(1),(1,1,1)} \oplus 29V^{(1),(4)} \oplus 37V^{(1),(3,1)} \oplus 31V^{(1),(2,2)} \oplus 31V^{(1),(2,1,1)} \oplus 3320V^{(2),\varnothing} \oplus 5586V^{(2),(1)} \oplus 1468V^{(2),(2)} \oplus 1404V^{(2),(1,1)} \oplus 99V^{(2),(3)} \oplus 104V^{(2),(2,1)} \oplus 82V^{(2),(1,1,1)} \oplus 4520V^{(1,1),\varnothing} \oplus 6954V^{(1,1),(1)} \oplus 1892V^{(1,1),(2)} \oplus 1796V^{(1,1),(1,1)} \oplus 125V^{(1,1),(3)} \oplus 133V^{(1,1),(2,1)} \oplus 99V^{(1,1),(1,1,1)} \oplus 1730V^{(2,1),\varnothing} \oplus 1608V^{(2,1),(1)} \oplus 141V^{(2,1),(2)} \oplus 137V^{(2,1),(1,1)} \oplus 1830V^{(1,1,1),\varnothing} \oplus 1728V^{(1,1,1),(1)} \oplus 149V^{(1,1,1),(2)} \oplus 143V^{(1,1,1),(1,1)} \oplus 344V^{(2,2),\varnothing} \oplus 33V^{(2,2),(1)} \oplus 548V^{(2,1,1),\varnothing} \oplus 41V^{(2,1,1),(1)} \oplus 548V^{(1,1,1,1),\varnothing} \oplus 41V^{(1,1,1,1),(1)} \oplus 3V^{(2,2,1),\varnothing} \oplus 4V^{(2,1,1,1),\varnothing} \oplus 3V^{(1,1,1,1,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 2280V^{\varnothing,(1)} \oplus 1356V^{\varnothing,(2)} \oplus 1356V^{\varnothing,(1,1)} \oplus 688V^{\varnothing,(3)} \oplus 948V^{\varnothing,(2,1)} \oplus 428V^{\varnothing,(1,1,1)} \oplus 234V^{\varnothing,(4)} \oplus 534V^{\varnothing,(3,1)} \oplus 384V^{\varnothing,(2,2)} \oplus 384V^{\varnothing,(2,1,1)} \oplus 180V^{\varnothing,(4,1)} \oplus 180V^{\varnothing,(3,2)} \oplus 180V^{\varnothing,(3,1,1)} \oplus 104V^{\varnothing,(2,2,1)} \oplus V^{\varnothing,(4,2)} \oplus V^{\varnothing,(4,1,1)} \oplus V^{\varnothing,(3,2,1)} \oplus 5640V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 5232V^{(1),(2)} \oplus 5136V^{(1),(1,1)} \oplus 2166V^{(1),(3)} \oplus 2538V^{(1),(2,1)} \oplus 1794V^{(1),(1,1,1)} \oplus 488V^{(1),(4)} \oplus 736V^{(1),(3,1)} \oplus 592V^{(1),(2,2)} \oplus 592V^{(1),(2,1,1)} \oplus 9V^{(1),(4,1)} \oplus 9V^{(1),(3,2)} \oplus 9V^{(1),(3,1,1)} \oplus 7V^{(1),(2,2,1)} \oplus 2043V^{(2),\varnothing} \oplus 4496V^{(2),(1)} \oplus 1958V^{(2),(2)} \oplus 1886V^{(2),(1,1)} \oplus 508V^{(2),(3)} \oplus 580V^{(2),(2,1)} \oplus 412V^{(2),(1,1,1)} \oplus 22V^{(2),(4)} \oplus 28V^{(2),(3,1)} \oplus 23V^{(2),(2,2)} \oplus 23V^{(2),(2,1,1)} \oplus 2511V^{(1,1),\varnothing} \oplus 5280V^{(1,1),(1)} \oplus 2474V^{(1,1),(2)} \oplus 2366V^{(1,1),(1,1)} \oplus 672V^{(1,1),(3)} \oplus 800V^{(1,1),(2,1)} \oplus 508V^{(1,1),(1,1,1)} \oplus 33V^{(1,1),(4)} \oplus 43V^{(1,1),(3,1)} \oplus 35V^{(1,1),(2,2)} \oplus 35V^{(1,1),(2,1,1)} \oplus 1080V^{(2,1),\varnothing} \oplus 2166V^{(2,1),(1)} \oplus 644V^{(2,1),(2)} \oplus 612V^{(2,1),(1,1)} \oplus 77V^{(2,1),(3)} \oplus 83V^{(2,1),(2,1)} \oplus 59V^{(2,1),(1,1,1)} \oplus 1080V^{(1,1,1),\varnothing} \oplus 2274V^{(1,1,1),(1)} \oplus 708V^{(1,1,1),(2)} \oplus 660V^{(1,1,1),(1,1)} \oplus 83V^{(1,1,1),(3)} \oplus 91V^{(1,1,1),(2,1)} \oplus 63V^{(1,1,1),(1,1,1)} \oplus 360V^{(2,2),\varnothing} \oplus 468V^{(2,2),(1)} \oplus 35V^{(2,2),(2)} \oplus 33V^{(2,2),(1,1)} \oplus 510V^{(2,1,1),\varnothing} \oplus 632V^{(2,1,1),(1)} \oplus 45V^{(2,1,1),(2)} \oplus 41V^{(2,1,1),(1,1)} \oplus 510V^{(1,1,1,1),\varnothing} \oplus 632V^{(1,1,1,1),(1)} \oplus 45V^{(1,1,1,1),(2)} \oplus 41V^{(1,1,1,1),(1,1)} \oplus 146V^{(2,2,1),\varnothing} \oplus 9V^{(2,2,1),(1)} \oplus 222V^{(2,1,1,1),\varnothing} \oplus 11V^{(2,1,1,1),(1)} \oplus 146V^{(1,1,1,1,1),\varnothing} \oplus 9V^{(1,1,1,1,1),(1)} \oplus V^{(2,2,1,1),\varnothing} \oplus V^{(2,1,1,1,1),\varnothing}$
$k = 7: \quad 196V^{\varnothing,(1)} \oplus 140V^{\varnothing,(2)} \oplus 140V^{\varnothing,(1,1)} \oplus 84V^{\varnothing,(3)} \oplus 84V^{\varnothing,(2,1)} \oplus 84V^{\varnothing,(1,1,1)} \oplus 42V^{\varnothing,(4)} \oplus 42V^{\varnothing,(3,1)} \oplus 42V^{\varnothing,(2,2)} \oplus 42V^{\varnothing,(2,1,1)} \oplus 28V^{\varnothing,(4,1)} \oplus 28V^{\varnothing,(3,2)} \oplus 28V^{\varnothing,(3,1,1)} \oplus 28V^{\varnothing,(2,2,1)} \oplus 14V^{\varnothing,(4,2)} \oplus 14V^{\varnothing,(4,1,1)} \oplus 14V^{\varnothing,(3,2,1)} \oplus 1225V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1360V^{(1),(3)} \oplus 1520V^{(1),(2,1)} \oplus 1200V^{(1),(1,1,1)} \oplus 550V^{(1),(4)} \oplus 750V^{(1),(3,1)} \oplus 650V^{(1),(2,2)} \oplus 650V^{(1),(2,1,1)} \oplus 256V^{(1),(4,1)} \oplus 256V^{(1),(3,2)} \oplus 256V^{(1),(3,1,1)} \oplus 204V^{(1),(2,2,1)} \oplus 3V^{(1),(4,2)} \oplus 3V^{(1),(4,1,1)} \oplus 3V^{(1),(3,2,1)} \oplus 700V^{(2),\varnothing} \oplus 2580V^{(2),(1)} \oplus 1376V^{(2),(2)} \oplus 1352V^{(2),(1,1)} \oplus 630V^{(2),(3)} \oplus 708V^{(2),(2,1)} \oplus 552V^{(2),(1,1,1)} \oplus 156V^{(2),(4)} \oplus 212V^{(2),(3,1)} \oplus 176V^{(2),(2,2)} \oplus 176V^{(2),(2,1,1)} \oplus 7V^{(2),(4,1)} \oplus 7V^{(2),(3,2)} \oplus 7V^{(2),(3,1,1)} \oplus$

Table 187: Table for $\lambda = (2,2,1,1,1)$, $\mu = (4,1,1,1)$:

$k = 14: \quad 34V^{\varnothing,\varnothing}$
$k = 13: \quad 8132V^{\varnothing,\varnothing} \oplus 260V^{\varnothing,(1)} \oplus 420V^{(1),\varnothing}$
$k = 12: \quad 15332V^{\varnothing,\varnothing} \oplus 7880V^{\varnothing,(1)} \oplus 93V^{\varnothing,(2)} \oplus 93V^{\varnothing,(1,1)} \oplus 7984V^{(1),\varnothing} \oplus 1505V^{(1),(1)} \oplus 125V^{(2),\varnothing} \oplus 134V^{(1,1),\varnothing}$
$k = 11: \quad 15024V^{\varnothing,\varnothing} \oplus 13632V^{\varnothing,(1)} \oplus 2920V^{\varnothing,(2)} \oplus 2920V^{\varnothing,(1,1)} \oplus 30V^{\varnothing,(3)} \oplus 32V^{\varnothing,(2,1)} \oplus 30V^{\varnothing,(1,1,1)} \oplus 13632V^{(1),\varnothing} \oplus 12176V^{(1),(1)} \oplus 455V^{(1),(2)} \oplus 455V^{(1),(1,1)} \oplus 2096V^{(2),\varnothing} \oplus 447V^{(2),(1)} \oplus 3184V^{(1,1),\varnothing} \oplus 479V^{(1,1),(1)} \oplus 38V^{(2,1),\varnothing} \oplus 40V^{(1,1,1),\varnothing}$
$k = 10: \quad 11116V^{\varnothing,\varnothing} \oplus 11356V^{\varnothing,(1)} \oplus 4570V^{\varnothing,(2)} \oplus 4570V^{\varnothing,(1,1)} \oplus 1056V^{\varnothing,(3)} \oplus 1160V^{\varnothing,(2,1)} \oplus 1056V^{\varnothing,(1,1,1)} \oplus 8V^{\varnothing,(4)} \oplus 11V^{\varnothing,(3,1)} \oplus 11V^{\varnothing,(2,1,1)} \oplus 8V^{\varnothing,(1,1,1,1)} \oplus 12568V^{(1),\varnothing} \oplus 19922V^{(1),(1)} \oplus 4216V^{(1),(2)} \oplus 4216V^{(1),(1,1)} \oplus 121V^{(1),(3)} \oplus 125V^{(1),(2,1)} \oplus 121V^{(1),(1,1,1)} \oplus 3166V^{(2),\varnothing} \oplus 3648V^{(2),(1)} \oplus 267V^{(2),(2)} \oplus 267V^{(2),(1,1)} \oplus 4924V^{(1,1),\varnothing} \oplus 4600V^{(1,1),(1)} \oplus 293V^{(1,1),(2)} \oplus 293V^{(1,1),(1,1)} \oplus 1136V^{(2,1),\varnothing} \oplus 137V^{(2,1),(1)} \oplus 1240V^{(1,1,1),\varnothing} \oplus 143V^{(1,1,1),(1)} \oplus 9V^{(2,2),\varnothing} \oplus 12V^{(2,1,1),\varnothing} \oplus 12V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 4840V^{\varnothing,\varnothing} \oplus 7136V^{\varnothing,(1)} \oplus 3120V^{\varnothing,(2)} \oplus 3120V^{\varnothing,(1,1)} \oplus 1352V^{\varnothing,(3)} \oplus 1452V^{\varnothing,(2,1)} \oplus 1352V^{\varnothing,(1,1,1)} \oplus 260V^{\varnothing,(4)} \oplus 464V^{\varnothing,(3,1)} \oplus 464V^{\varnothing,(2,1,1)} \oplus 260V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(4,1)} \oplus 4V^{\varnothing,(3,1,1)} \oplus 3V^{\varnothing,(2,1,1,1)} \oplus 8360V^{(1),\varnothing} \oplus 17684V^{(1),(1)} \oplus 6522V^{(1),(2)} \oplus 6522V^{(1),(1,1)} \oplus 1480V^{(1),(3)} \oplus 1560V^{(1),(2,1)} \oplus 1480V^{(1),(1,1,1)} \oplus 25V^{(1),(4)} \oplus 31V^{(1),(3,1)} \oplus 31V^{(1),(2,1,1)} \oplus 25V^{(1),(1,1,1,1)} \oplus 2480V^{(2),\varnothing} \oplus 5586V^{(2),(1)} \oplus 1308V^{(2),(2)} \oplus 1308V^{(2),(1,1)} \oplus 83V^{(2),(3)} \oplus 87V^{(2),(2,1)} \oplus 83V^{(2),(1,1,1)} \oplus 3680V^{(1,1),\varnothing} \oplus 6954V^{(1,1),(1)} \oplus 1676V^{(1,1),(2)} \oplus 1676V^{(1,1),(1,1)} \oplus 101V^{(1,1),(3)} \oplus 107V^{(1,1),(2,1)} \oplus 101V^{(1,1),(1,1,1)} \oplus 1460V^{(2,1),\varnothing} \oplus 1608V^{(2,1),(1)} \oplus 101V^{(2,1),(2)} \oplus 101V^{(2,1),(1,1)} \oplus 1560V^{(1,1,1),\varnothing} \oplus 1728V^{(1,1,1),(1)} \oplus 107V^{(1,1,1),(2)} \oplus 107V^{(1,1,1),(1,1)} \oplus 284V^{(2,2),\varnothing} \oplus 33V^{(2,2),(1)} \oplus 488V^{(2,1,1),\varnothing} \oplus 41V^{(2,1,1),(1)} \oplus 488V^{(1,1,1,1),\varnothing} \oplus 41V^{(1,1,1,1),(1)} \oplus 3V^{(2,2,1),\varnothing} \oplus 4V^{(2,1,1,1),\varnothing} \oplus 3V^{(1,1,1,1,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 2280V^{\varnothing,(1)} \oplus 1356V^{\varnothing,(2)} \oplus 1356V^{\varnothing,(1,1)} \oplus 688V^{\varnothing,(3)} \oplus 688V^{\varnothing,(2,1)} \oplus 688V^{\varnothing,(1,1,1)} \oplus 234V^{\varnothing,(4)} \oplus 384V^{\varnothing,(3,1)} \oplus 384V^{\varnothing,(2,1,1)} \oplus 234V^{\varnothing,(1,1,1,1)} \oplus 104V^{\varnothing,(4,1)} \oplus 180V^{\varnothing,(3,1,1)} \oplus 104V^{\varnothing,(2,1,1,1)} \oplus V^{\varnothing,(4,1,1)} \oplus V^{\varnothing,(3,1,1,1)} \oplus 3120V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 5136V^{(1),(2)} \oplus 5136V^{(1),(1,1)} \oplus 2094V^{(1),(3)} \oplus 2166V^{(1),(2,1)} \oplus 2094V^{(1),(1,1,1)} \oplus 448V^{(1),(4)} \oplus 592V^{(1),(3,1)} \oplus 592V^{(1),(2,1,1)} \oplus 448V^{(1),(1,1,1,1)} \oplus 7V^{(1),(4,1)} \oplus 9V^{(1),(3,1,1)} \oplus 7V^{(1),(2,1,1,1)} \oplus 1268V^{(2),\varnothing} \oplus 4496V^{(2),(1)} \oplus 1862V^{(2),(2)} \oplus 1862V^{(2),(1,1)} \oplus 452V^{(2),(3)} \oplus 484V^{(2),(2,1)} \oplus 452V^{(2),(1,1,1)} \oplus 18V^{(2),(4)} \oplus 23V^{(2),(3,1)} \oplus 23V^{(2),(2,1,1)} \oplus 18V^{(2),(1,1,1,1)} \oplus 1736V^{(1,1),\varnothing} \oplus 5280V^{(1,1),(1)} \oplus 2330V^{(1,1),(2)} \oplus 2330V^{(1,1),(1,1)} \oplus 588V^{(1,1),(3)} \oplus 636V^{(1,1),(2,1)} \oplus 588V^{(1,1),(1,1,1)} \oplus 27V^{(1,1),(4)} \oplus 35V^{(1,1),(3,1)} \oplus 35V^{(1,1),(2,1,1)} \oplus 27V^{(1,1),(1,1,1,1)} \oplus 840V^{(2,1),\varnothing} \oplus 2166V^{(2,1),(1)} \oplus 588V^{(2,1),(2)} \oplus 588V^{(2,1),(1,1)} \oplus 61V^{(2,1),(3)} \oplus 65V^{(2,1),(2,1)} \oplus 61V^{(2,1),(1,1,1)} \oplus 840V^{(1,1,1),\varnothing} \oplus 2274V^{(1,1,1),(1)} \oplus 636V^{(1,1,1),(2)} \oplus 636V^{(1,1,1),(1,1)} \oplus 65V^{(1,1,1),(3)} \oplus 71V^{(1,1,1),(2,1)} \oplus 65V^{(1,1,1),(1,1,1)} \oplus 270V^{(2,2),\varnothing} \oplus 468V^{(2,2),(1)} \oplus 27V^{(2,2),(2)} \oplus 27V^{(2,2),(1,1)} \oplus 420V^{(2,1,1),\varnothing} \oplus 632V^{(2,1,1),(1)} \oplus 35V^{(2,1,1),(2)} \oplus 35V^{(2,1,1),(1,1)} \oplus 420V^{(1,1,1,1),\varnothing} \oplus 632V^{(1,1,1,1),(1)} \oplus 35V^{(1,1,1,1),(2)} \oplus 35V^{(1,1,1,1),(1,1)} \oplus 116V^{(2,2,1),\varnothing} \oplus 9V^{(2,2,1),(1)} \oplus 192V^{(2,1,1,1),\varnothing} \oplus 11V^{(2,1,1,1),(1)} \oplus 116V^{(1,1,1,1,1),\varnothing} \oplus 9V^{(1,1,1,1,1),(1)} \oplus V^{(2,2,1,1),\varnothing} \oplus V^{(2,1,1,1,1),\varnothing}$
$k = 7: \quad 196V^{\varnothing,(1)} \oplus 140V^{\varnothing,(2)} \oplus 140V^{\varnothing,(1,1)} \oplus 84V^{\varnothing,(3)} \oplus 84V^{\varnothing,(2,1)} \oplus 84V^{\varnothing,(1,1,1)} \oplus 42V^{\varnothing,(4)} \oplus 42V^{\varnothing,(3,1)} \oplus 42V^{\varnothing,(2,1,1)} \oplus 42V^{\varnothing,(1,1,1,1)} \oplus 28V^{\varnothing,(4,1)} \oplus 28V^{\varnothing,(3,1,1)} \oplus 28V^{\varnothing,(2,1,1,1)} \oplus 14V^{\varnothing,(4,1,1)} \oplus 14V^{\varnothing,(3,1,1,1)} \oplus 400V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1360V^{(1),(3)} \oplus 1360V^{(1),(2,1)} \oplus 1360V^{(1),(1,1,1)} \oplus 550V^{(1),(4)} \oplus 650V^{(1),(3,1)} \oplus 650V^{(1),(2,1,1)} \oplus 550V^{(1),(1,1,1,1)} \oplus 204V^{(1),(4,1)} \oplus 256V^{(1),(3,1,1)} \oplus 204V^{(1),(2,1,1,1)} \oplus 3V^{(1),(4,1,1)} \oplus 3V^{(1),(3,1,1,1)} \oplus 280V^{(2),\varnothing} \oplus 2580V^{(2),(1)} \oplus 1352V^{(2),(2)} \oplus 1352V^{(2),(1,1)} \oplus 606V^{(2),(3)} \oplus 630V^{(2),(2,1)} \oplus 606V^{(2),(1,1,1)} \oplus 140V^{(2),(4)} \oplus 176V^{(2),(3,1)} \oplus 176V^{(2),(2,1,1)} \oplus 140V^{(2),(1,1,1,1)} \oplus 6V^{(2),(4,1)} \oplus 7V^{(2),(3,1,1)} \oplus 6V^{(2),(2,1,1,1)} \oplus 280V^{(1,1),\varnothing} \oplus$

Table 188: Table for $\lambda = (2,2,1,1,1)$, $\mu = (3,3,1)$:

$k = 14: \quad 46V^{\varnothing,\varnothing}$
$k = 13: \quad 8230V^{\varnothing,\varnothing} \oplus 255V^{\varnothing,(1)} \oplus 543V^{(1),\varnothing}$
$k = 12: \quad 15432V^{\varnothing,\varnothing} \oplus 7680V^{\varnothing,(1)} \oplus 93V^{\varnothing,(2)} \oplus 93V^{\varnothing,(1,1)} \oplus 8180V^{(1),\varnothing} \oplus 1487V^{(1),(1)} \oplus 147V^{(2),\varnothing} \oplus 156V^{(1,1),\varnothing}$
$k = 11: \quad 15070V^{\varnothing,\varnothing} \oplus 13362V^{\varnothing,(1)} \oplus 2920V^{\varnothing,(2)} \oplus 2920V^{\varnothing,(1,1)} \oplus 29V^{\varnothing,(3)} \oplus 33V^{\varnothing,(2,1)} \oplus 24V^{\varnothing,(1,1,1)} \oplus 13818V^{(1),\varnothing} \oplus 11888V^{(1),(1)} \oplus 455V^{(1),(2)} \oplus 455V^{(1),(1,1)} \oplus 2138V^{(2),\varnothing} \oplus 435V^{(2),(1)} \oplus 3226V^{(1,1),\varnothing} \oplus 461V^{(1,1),(1)} \oplus 40V^{(2,1),\varnothing} \oplus 42V^{(1,1,1),\varnothing}$
$k = 10: \quad 11144V^{\varnothing,\varnothing} \oplus 11236V^{\varnothing,(1)} \oplus 4570V^{\varnothing,(2)} \oplus 4570V^{\varnothing,(1,1)} \oplus 752V^{\varnothing,(3)} \oplus 1464V^{\varnothing,(2,1)} \oplus 702V^{\varnothing,(1,1,1)} \oplus 11V^{\varnothing,(3,1)} \oplus 11V^{\varnothing,(2,2)} \oplus 9V^{\varnothing,(2,1,1)} \oplus 12754V^{(1),\varnothing} \oplus 19598V^{(1),(1)} \oplus 4216V^{(1),(2)} \oplus 4216V^{(1),(1,1)} \oplus 119V^{(1),(3)} \oplus 127V^{(1),(2,1)} \oplus 101V^{(1),(1,1,1)} \oplus 3216V^{(2),\varnothing} \oplus 3552V^{(2),(1)} \oplus 267V^{(2),(2)} \oplus 267V^{(2),(1,1)} \oplus 4974V^{(1,1),\varnothing} \oplus 4456V^{(1,1),(1)} \oplus 293V^{(1,1),(2)} \oplus 293V^{(1,1),(1,1)} \oplus 1146V^{(2,1),\varnothing} \oplus 125V^{(2,1),(1)} \oplus 1250V^{(1,1,1),\varnothing} \oplus 131V^{(1,1,1),(1)} \oplus 9V^{(2,2),\varnothing} \oplus 12V^{(2,1,1),\varnothing} \oplus 12V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 4854V^{\varnothing,\varnothing} \oplus 7136V^{\varnothing,(1)} \oplus 3120V^{\varnothing,(2)} \oplus 3120V^{\varnothing,(1,1)} \oplus 902V^{\varnothing,(3)} \oplus 1902V^{\varnothing,(2,1)} \oplus 902V^{\varnothing,(1,1,1)} \oplus 464V^{\varnothing,(3,1)} \oplus 464V^{\varnothing,(2,2)} \oplus 412V^{\varnothing,(2,1,1)} \oplus 4V^{\varnothing,(3,2)} \oplus 3V^{\varnothing,(3,1,1)} \oplus 3V^{\varnothing,(2,2,1)} \oplus 8394V^{(1),\varnothing} \oplus 17576V^{(1),(1)} \oplus 6522V^{(1),(2)} \oplus 6522V^{(1),(1,1)} \oplus 1272V^{(1),(3)} \oplus 1768V^{(1),(2,1)} \oplus 1200V^{(1),(1,1,1)} \oplus 31V^{(1),(3,1)} \oplus 31V^{(1),(2,2)} \oplus 27V^{(1),(2,1,1)} \oplus 2536V^{(2),\varnothing} \oplus 5514V^{(2),(1)} \oplus 1308V^{(2),(2)} \oplus 1308V^{(2),(1,1)} \oplus 82V^{(2),(3)} \oplus 88V^{(2),(2,1)} \oplus 70V^{(2),(1,1,1)} \oplus 3736V^{(1,1),\varnothing} \oplus 6846V^{(1,1),(1)} \oplus 1676V^{(1,1),(2)} \oplus 1676V^{(1,1),(1,1)} \oplus 99V^{(1,1),(3)} \oplus 109V^{(1,1),(2,1)} \oplus 81V^{(1,1),(1,1,1)} \oplus 1478V^{(2,1),\varnothing} \oplus 1560V^{(2,1),(1)} \oplus 101V^{(2,1),(2)} \oplus 101V^{(2,1),(1,1)} \oplus 1578V^{(1,1,1),\varnothing} \oplus 1680V^{(1,1,1),(1)} \oplus 107V^{(1,1,1),(2)} \oplus 107V^{(1,1,1),(1,1)} \oplus 288V^{(2,2),\varnothing} \oplus 27V^{(2,2),(1)} \oplus 492V^{(2,1,1),\varnothing} \oplus 35V^{(2,1,1),(1)} \oplus 492V^{(1,1,1,1),\varnothing} \oplus 35V^{(1,1,1,1),(1)} \oplus 3V^{(2,2,1),\varnothing} \oplus 4V^{(2,1,1,1),\varnothing} \oplus 3V^{(1,1,1,1,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 2280V^{\varnothing,(1)} \oplus 1356V^{\varnothing,(2)} \oplus 1356V^{\varnothing,(1,1)} \oplus 428V^{\varnothing,(3)} \oplus 948V^{\varnothing,(2,1)} \oplus 428V^{\varnothing,(1,1,1)} \oplus 384V^{\varnothing,(3,1)} \oplus 384V^{\varnothing,(2,2)} \oplus 384V^{\varnothing,(2,1,1)} \oplus 180V^{\varnothing,(3,2)} \oplus 104V^{\varnothing,(3,1,1)} \oplus 104V^{\varnothing,(2,2,1)} \oplus V^{\varnothing,(3,3)} \oplus V^{\varnothing,(3,2,1)} \oplus 3456V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 5136V^{(1),(2)} \oplus 5136V^{(1),(1,1)} \oplus 1794V^{(1),(3)} \oplus 2466V^{(1),(2,1)} \oplus 1794V^{(1),(1,1,1)} \oplus 592V^{(1),(3,1)} \oplus 592V^{(1),(2,2)} \oplus 552V^{(1),(2,1,1)} \oplus 9V^{(1),(3,2)} \oplus 7V^{(1),(3,1,1)} \oplus 7V^{(1),(2,2,1)} \oplus 1308V^{(2),\varnothing} \oplus 4496V^{(2),(1)} \oplus 1862V^{(2),(2)} \oplus 1862V^{(2),(1,1)} \oplus 412V^{(2),(3)} \oplus 524V^{(2),(2,1)} \oplus 388V^{(2),(1,1,1)} \oplus 23V^{(2),(3,1)} \oplus 23V^{(2),(2,2)} \oplus 19V^{(2),(2,1,1)} \oplus 1776V^{(1,1),\varnothing} \oplus 5280V^{(1,1),(1)} \oplus 2330V^{(1,1),(2)} \oplus 2330V^{(1,1),(1,1)} \oplus 508V^{(1,1),(3)} \oplus 716V^{(1,1),(2,1)} \oplus 472V^{(1,1),(1,1,1)} \oplus 35V^{(1,1),(3,1)} \oplus 35V^{(1,1),(2,2)} \oplus 29V^{(1,1),(2,1,1)} \oplus 856V^{(2,1),\varnothing} \oplus 2166V^{(2,1),(1)} \oplus 588V^{(2,1),(2)} \oplus 588V^{(2,1),(1,1)} \oplus 59V^{(2,1),(3)} \oplus 67V^{(2,1),(2,1)} \oplus 47V^{(2,1),(1,1,1)} \oplus 856V^{(1,1,1),\varnothing} \oplus 2274V^{(1,1,1),(1)} \oplus 636V^{(1,1,1),(2)} \oplus 636V^{(1,1,1),(1,1)} \oplus 63V^{(1,1,1),(3)} \oplus 73V^{(1,1,1),(2,1)} \oplus 51V^{(1,1,1),(1,1,1)} \oplus 276V^{(2,2),\varnothing} \oplus 468V^{(2,2),(1)} \oplus 27V^{(2,2),(2)} \oplus 27V^{(2,2),(1,1)} \oplus 426V^{(2,1,1),\varnothing} \oplus 632V^{(2,1,1),(1)} \oplus 35V^{(2,1,1),(2)} \oplus 35V^{(2,1,1),(1,1)} \oplus 426V^{(1,1,1,1),\varnothing} \oplus 632V^{(1,1,1,1),(1)} \oplus 35V^{(1,1,1,1),(2)} \oplus 35V^{(1,1,1,1),(1,1)} \oplus 118V^{(2,2,1),\varnothing} \oplus 9V^{(2,2,1),(1)} \oplus 194V^{(2,1,1,1),\varnothing} \oplus 11V^{(2,1,1,1),(1)} \oplus 118V^{(1,1,1,1,1),\varnothing} \oplus 9V^{(1,1,1,1,1),(1)} \oplus V^{(2,2,1,1),\varnothing} \oplus V^{(2,1,1,1,1),\varnothing}$
$k = 7: \quad 196V^{\varnothing,(1)} \oplus 140V^{\varnothing,(2)} \oplus 140V^{\varnothing,(1,1)} \oplus 84V^{\varnothing,(3)} \oplus 84V^{\varnothing,(2,1)} \oplus 84V^{\varnothing,(1,1,1)} \oplus 42V^{\varnothing,(3,1)} \oplus 42V^{\varnothing,(2,2)} \oplus 42V^{\varnothing,(2,1,1)} \oplus 28V^{\varnothing,(3,2)} \oplus 28V^{\varnothing,(3,1,1)} \oplus 28V^{\varnothing,(2,2,1)} \oplus 14V^{\varnothing,(3,3)} \oplus 14V^{\varnothing,(3,2,1)} \oplus 441V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1200V^{(1),(3)} \oplus 1520V^{(1),(2,1)} \oplus 1200V^{(1),(1,1,1)} \oplus 650V^{(1),(3,1)} \oplus 650V^{(1),(2,2)} \oplus 650V^{(1),(2,1,1)} \oplus 256V^{(1),(3,2)} \oplus 204V^{(1),(3,1,1)} \oplus 204V^{(1),(2,2,1)} \oplus 3V^{(1),(3,3)} \oplus 3V^{(1),(3,2,1)} \oplus 336V^{(2),\varnothing} \oplus 2580V^{(2),(1)} \oplus 1352V^{(2),(2)} \oplus 1352V^{(2),(1,1)} \oplus 552V^{(2),(3)} \oplus 684V^{(2),(2,1)} \oplus 552V^{(2),(1,1,1)} \oplus 176V^{(2),(3,1)} \oplus 176V^{(2),(2,2)} \oplus 160V^{(2),(2,1,1)} \oplus 7V^{(2),(3,2)} \oplus 6V^{(2),(3,1,1)} \oplus 6V^{(2),(2,2,1)} \oplus 336V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1580V^{(1,1),(2)} \oplus 1580V^{(1,1),(1,1)} \oplus 630V^{(1,1),(3)} \oplus 882V^{(1,1),(2,1)} \oplus 630V^{(1,1),(1,1,1)} \oplus 232V^{(1,1),(3,1)} \oplus 232V^{(1,1),(2,2)} \oplus$

Table 189: Table for $\lambda = (2,2,1,1,1)$, $\mu = (3,2,2)$:

$k = 14: \quad 46V^{\varnothing,\varnothing}$
$k = 13: \quad 8230V^{\varnothing,\varnothing} \oplus 255V^{\varnothing,(1)} \oplus 543V^{(1),\varnothing}$
$k = 12: \quad 15432V^{\varnothing,\varnothing} \oplus 7680V^{\varnothing,(1)} \oplus 93V^{\varnothing,(2)} \oplus 93V^{\varnothing,(1,1)} \oplus 8180V^{(1),\varnothing} \oplus 1487V^{(1),(1)} \oplus 147V^{(2),\varnothing} \oplus 156V^{(1,1),\varnothing}$
$k = 11: \quad 15070V^{\varnothing,\varnothing} \oplus 13362V^{\varnothing,(1)} \oplus 2920V^{\varnothing,(2)} \oplus 2920V^{\varnothing,(1,1)} \oplus 24V^{\varnothing,(3)} \oplus 33V^{\varnothing,(2,1)} \oplus 29V^{\varnothing,(1,1,1)} \oplus 13818V^{(1),\varnothing} \oplus 11888V^{(1),(1)} \oplus 455V^{(1),(2)} \oplus 455V^{(1),(1,1)} \oplus 2138V^{(2),\varnothing} \oplus 435V^{(2),(1)} \oplus 3226V^{(1,1),\varnothing} \oplus 461V^{(1,1),(1)} \oplus 40V^{(2,1),\varnothing} \oplus 42V^{(1,1,1),\varnothing}$
$k = 10: \quad 11144V^{\varnothing,\varnothing} \oplus 11236V^{\varnothing,(1)} \oplus 4570V^{\varnothing,(2)} \oplus 4570V^{\varnothing,(1,1)} \oplus 702V^{\varnothing,(3)} \oplus 1464V^{\varnothing,(2,1)} \oplus 752V^{\varnothing,(1,1,1)} \oplus 9V^{\varnothing,(3,1)} \oplus 11V^{\varnothing,(2,2)} \oplus 11V^{\varnothing,(2,1,1)} \oplus 12754V^{(1),\varnothing} \oplus 19598V^{(1),(1)} \oplus 4216V^{(1),(2)} \oplus 4216V^{(1),(1,1)} \oplus 101V^{(1),(3)} \oplus 127V^{(1),(2,1)} \oplus 119V^{(1),(1,1,1)} \oplus 3216V^{(2),\varnothing} \oplus 3552V^{(2),(1)} \oplus 267V^{(2),(2)} \oplus 267V^{(2),(1,1)} \oplus 4974V^{(1,1),\varnothing} \oplus 4456V^{(1,1),(1)} \oplus 293V^{(1,1),(2)} \oplus 293V^{(1,1),(1,1)} \oplus 1146V^{(2,1),\varnothing} \oplus 125V^{(2,1),(1)} \oplus 1250V^{(1,1,1),\varnothing} \oplus 131V^{(1,1,1),(1)} \oplus 9V^{(2,2),\varnothing} \oplus 12V^{(2,1,1),\varnothing} \oplus 12V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 4854V^{\varnothing,\varnothing} \oplus 7136V^{\varnothing,(1)} \oplus 3120V^{\varnothing,(2)} \oplus 3120V^{\varnothing,(1,1)} \oplus 902V^{\varnothing,(3)} \oplus 1902V^{\varnothing,(2,1)} \oplus 902V^{\varnothing,(1,1,1)} \oplus 412V^{\varnothing,(3,1)} \oplus 464V^{\varnothing,(2,2)} \oplus 464V^{\varnothing,(2,1,1)} \oplus 3V^{\varnothing,(3,2)} \oplus 3V^{\varnothing,(3,1,1)} \oplus 4V^{\varnothing,(2,2,1)} \oplus 8394V^{(1),\varnothing} \oplus 17576V^{(1),(1)} \oplus 6522V^{(1),(2)} \oplus 6522V^{(1),(1,1)} \oplus 1200V^{(1),(3)} \oplus 1768V^{(1),(2,1)} \oplus 1272V^{(1),(1,1,1)} \oplus 27V^{(1),(3,1)} \oplus 31V^{(1),(2,2)} \oplus 31V^{(1),(2,1,1)} \oplus 2536V^{(2),\varnothing} \oplus 5514V^{(2),(1)} \oplus 1308V^{(2),(2)} \oplus 1308V^{(2),(1,1)} \oplus 70V^{(2),(3)} \oplus 88V^{(2),(2,1)} \oplus 82V^{(2),(1,1,1)} \oplus 3736V^{(1,1),\varnothing} \oplus 6846V^{(1,1),(1)} \oplus 1676V^{(1,1),(2)} \oplus 1676V^{(1,1),(1,1)} \oplus 81V^{(1,1),(3)} \oplus 109V^{(1,1),(2,1)} \oplus 99V^{(1,1),(1,1,1)} \oplus 1478V^{(2,1),\varnothing} \oplus 1560V^{(2,1),(1)} \oplus 101V^{(2,1),(2)} \oplus 101V^{(2,1),(1,1)} \oplus 1578V^{(1,1,1),\varnothing} \oplus 1680V^{(1,1,1),(1)} \oplus 107V^{(1,1,1),(2)} \oplus 107V^{(1,1,1),(1,1)} \oplus 288V^{(2,2),\varnothing} \oplus 27V^{(2,2),(1)} \oplus 492V^{(2,1,1),\varnothing} \oplus 35V^{(2,1,1),(1)} \oplus 492V^{(1,1,1,1),\varnothing} \oplus 35V^{(1,1,1,1),(1)} \oplus 3V^{(2,2,1),\varnothing} \oplus 4V^{(2,1,1,1),\varnothing} \oplus 3V^{(1,1,1,1,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 2280V^{\varnothing,(1)} \oplus 1356V^{\varnothing,(2)} \oplus 1356V^{\varnothing,(1,1)} \oplus 428V^{\varnothing,(3)} \oplus 948V^{\varnothing,(2,1)} \oplus 428V^{\varnothing,(1,1,1)} \oplus 384V^{\varnothing,(3,1)} \oplus 384V^{\varnothing,(2,2)} \oplus 384V^{\varnothing,(2,1,1)} \oplus 104V^{\varnothing,(3,2)} \oplus 104V^{\varnothing,(3,1,1)} \oplus 180V^{\varnothing,(2,2,1)} \oplus V^{\varnothing,(3,2,1)} \oplus V^{\varnothing,(2,2,2)} \oplus 3456V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 5136V^{(1),(2)} \oplus 5136V^{(1),(1,1)} \oplus 1794V^{(1),(3)} \oplus 2466V^{(1),(2,1)} \oplus 1794V^{(1),(1,1,1)} \oplus 552V^{(1),(3,1)} \oplus 592V^{(1),(2,2)} \oplus 592V^{(1),(2,1,1)} \oplus 7V^{(1),(3,2)} \oplus 7V^{(1),(3,1,1)} \oplus 9V^{(1),(2,2,1)} \oplus 1308V^{(2),\varnothing} \oplus 4496V^{(2),(1)} \oplus 1862V^{(2),(2)} \oplus 1862V^{(2),(1,1)} \oplus 388V^{(2),(3)} \oplus 524V^{(2),(2,1)} \oplus 412V^{(2),(1,1,1)} \oplus 19V^{(2),(3,1)} \oplus 23V^{(2),(2,2)} \oplus 23V^{(2),(2,1,1)} \oplus 1776V^{(1,1),\varnothing} \oplus 5280V^{(1,1),(1)} \oplus 2330V^{(1,1),(2)} \oplus 2330V^{(1,1),(1,1)} \oplus 472V^{(1,1),(3)} \oplus 716V^{(1,1),(2,1)} \oplus 508V^{(1,1),(1,1,1)} \oplus 29V^{(1,1),(3,1)} \oplus 35V^{(1,1),(2,2)} \oplus 35V^{(1,1),(2,1,1)} \oplus 856V^{(2,1),\varnothing} \oplus 2166V^{(2,1),(1)} \oplus 588V^{(2,1),(2)} \oplus 588V^{(2,1),(1,1)} \oplus 47V^{(2,1),(3)} \oplus 67V^{(2,1),(2,1)} \oplus 59V^{(2,1),(1,1,1)} \oplus 856V^{(1,1,1),\varnothing} \oplus 2274V^{(1,1,1),(1)} \oplus 636V^{(1,1,1),(2)} \oplus 636V^{(1,1,1),(1,1)} \oplus 51V^{(1,1,1),(3)} \oplus 73V^{(1,1,1),(2,1)} \oplus 63V^{(1,1,1),(1,1,1)} \oplus 276V^{(2,2),\varnothing} \oplus 468V^{(2,2),(1)} \oplus 27V^{(2,2),(2)} \oplus 27V^{(2,2),(1,1)} \oplus 426V^{(2,1,1),\varnothing} \oplus 632V^{(2,1,1),(1)} \oplus 35V^{(2,1,1),(2)} \oplus 35V^{(2,1,1),(1,1)} \oplus 426V^{(1,1,1,1),\varnothing} \oplus 632V^{(1,1,1,1),(1)} \oplus 35V^{(1,1,1,1),(2)} \oplus 35V^{(1,1,1,1),(1,1)} \oplus 118V^{(2,2,1),\varnothing} \oplus 9V^{(2,2,1),(1)} \oplus 194V^{(2,1,1,1),\varnothing} \oplus 11V^{(2,1,1,1),(1)} \oplus 118V^{(1,1,1,1,1),\varnothing} \oplus 9V^{(1,1,1,1,1),(1)} \oplus V^{(2,2,1,1),\varnothing} \oplus V^{(2,1,1,1,1),\varnothing}$
$k = 7: \quad 196V^{\varnothing,(1)} \oplus 140V^{\varnothing,(2)} \oplus 140V^{\varnothing,(1,1)} \oplus 84V^{\varnothing,(3)} \oplus 84V^{\varnothing,(2,1)} \oplus 84V^{\varnothing,(1,1,1)} \oplus 42V^{\varnothing,(3,1)} \oplus 42V^{\varnothing,(2,2)} \oplus 42V^{\varnothing,(2,1,1)} \oplus 28V^{\varnothing,(3,2)} \oplus 28V^{\varnothing,(3,1,1)} \oplus 28V^{\varnothing,(2,2,1)} \oplus 14V^{\varnothing,(3,2,1)} \oplus 14V^{\varnothing,(2,2,2)} \oplus 441V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1200V^{(1),(3)} \oplus 1520V^{(1),(2,1)} \oplus 1200V^{(1),(1,1,1)} \oplus 650V^{(1),(3,1)} \oplus 650V^{(1),(2,2)} \oplus 650V^{(1),(2,1,1)} \oplus 204V^{(1),(3,2)} \oplus 204V^{(1),(3,1,1)} \oplus 256V^{(1),(2,2,1)} \oplus 3V^{(1),(3,2,1)} \oplus 3V^{(1),(2,2,2)} \oplus 336V^{(2),\varnothing} \oplus 2580V^{(2),(1)} \oplus 1352V^{(2),(2)} \oplus 1352V^{(2),(1,1)} \oplus 552V^{(2),(3)} \oplus 684V^{(2),(2,1)} \oplus 552V^{(2),(1,1,1)} \oplus 160V^{(2),(3,1)} \oplus 176V^{(2),(2,2)} \oplus 176V^{(2),(2,1,1)} \oplus 6V^{(2),(3,2)} \oplus 6V^{(2),(3,1,1)} \oplus 7V^{(2),(2,2,1)} \oplus 336V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1580V^{(1,1),(2)} \oplus 1580V^{(1,1),(1,1)} \oplus 630V^{(1,1),(3)} \oplus 882V^{(1,1),(2,1)} \oplus 630V^{(1,1),(1,1,1)} \oplus 208V^{(1,1),(3,1)} \oplus 232V^{(1,1),(2,2)} \oplus$

Table 190: Table for $\lambda = (2,2,1,1,1)$, $\mu = (3,2,1,1)$:

$k = 14: \quad 144V^{\varnothing,\varnothing}$
$k = 13: \quad 8587V^{\varnothing,\varnothing} \oplus 316V^{\varnothing,(1)} \oplus 734V^{(1),\varnothing}$
$k = 12: \quad 15874V^{\varnothing,\varnothing} \oplus 8076V^{\varnothing,(1)} \oplus 112V^{\varnothing,(2)} \oplus 114V^{\varnothing,(1,1)} \oplus 9332V^{(1),\varnothing} \oplus 1817V^{(1),(1)} \oplus 165V^{(2),\varnothing} \oplus 174V^{(1,1),\varnothing}$
$k = 11: \quad 15468V^{\varnothing,\varnothing} \oplus 13716V^{\varnothing,(1)} \oplus 3076V^{\varnothing,(2)} \oplus 3284V^{\varnothing,(1,1)} \oplus 29V^{\varnothing,(3)} \oplus 40V^{\varnothing,(2,1)} \oplus 37V^{\varnothing,(1,1,1)} \oplus 15936V^{(1),\varnothing} \oplus 12704V^{(1),(1)} \oplus 545V^{(1),(2)} \oplus 549V^{(1),(1,1)} \oplus 2510V^{(2),\varnothing} \oplus 615V^{(2),(1)} \oplus 3598V^{(1,1),\varnothing} \oplus 647V^{(1,1),(1)} \oplus 41V^{(2,1),\varnothing} \oplus 43V^{(1,1,1),\varnothing}$
$k = 10: \quad 12026V^{\varnothing,\varnothing} \oplus 11356V^{\varnothing,(1)} \oplus 4660V^{\varnothing,(2)} \oplus 4960V^{\varnothing,(1,1)} \oplus 752V^{\varnothing,(3)} \oplus 1618V^{\varnothing,(2,1)} \oplus 1210V^{\varnothing,(1,1,1)} \oplus 11V^{\varnothing,(3,1)} \oplus 11V^{\varnothing,(2,2)} \oplus 14V^{\varnothing,(2,1,1)} \oplus 10V^{\varnothing,(1,1,1,1)} \oplus 15358V^{(1),\varnothing} \oplus 20066V^{(1),(1)} \oplus 4504V^{(1),(2)} \oplus 4664V^{(1),(1,1)} \oplus 119V^{(1),(3)} \oplus 149V^{(1),(2,1)} \oplus 143V^{(1),(1,1,1)} \oplus 3916V^{(2),\varnothing} \oplus 3744V^{(2),(1)} \oplus 327V^{(2),(2)} \oplus 331V^{(2),(1,1)} \oplus 5674V^{(1,1),\varnothing} \oplus 4696V^{(1,1),(1)} \oplus 359V^{(1,1),(2)} \oplus 365V^{(1,1),(1,1)} \oplus 1286V^{(2,1),\varnothing} \oplus 161V^{(2,1),(1)} \oplus 1390V^{(1,1,1),\varnothing} \oplus 167V^{(1,1,1),(1)} \oplus 9V^{(2,2),\varnothing} \oplus 12V^{(2,1,1),\varnothing} \oplus 12V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 5540V^{\varnothing,\varnothing} \oplus 7136V^{\varnothing,(1)} \oplus 3120V^{\varnothing,(2)} \oplus 3280V^{\varnothing,(1,1)} \oplus 902V^{\varnothing,(3)} \oplus 2002V^{\varnothing,(2,1)} \oplus 1452V^{\varnothing,(1,1,1)} \oplus 464V^{\varnothing,(3,1)} \oplus 464V^{\varnothing,(2,2)} \oplus 668V^{\varnothing,(2,1,1)} \oplus 312V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(3,2)} \oplus 4V^{\varnothing,(3,1,1)} \oplus 4V^{\varnothing,(2,2,1)} \oplus 4V^{\varnothing,(2,1,1,1)} \oplus 11425V^{(1),\varnothing} \oplus 17684V^{(1),(1)} \oplus 6630V^{(1),(2)} \oplus 6846V^{(1),(1,1)} \oplus 1272V^{(1),(3)} \oplus 1920V^{(1),(2,1)} \oplus 1632V^{(1),(1,1,1)} \oplus 31V^{(1),(3,1)} \oplus 31V^{(1),(2,2)} \oplus 37V^{(1),(2,1,1)} \oplus 29V^{(1),(1,1,1,1)} \oplus 3320V^{(2),\varnothing} \oplus 5586V^{(2),(1)} \oplus 1404V^{(2),(2)} \oplus 1468V^{(2),(1,1)} \oplus 82V^{(2),(3)} \oplus 104V^{(2),(2,1)} \oplus 99V^{(2),(1,1,1)} \oplus 4520V^{(1,1),\varnothing} \oplus 6954V^{(1,1),(1)} \oplus 1796V^{(1,1),(2)} \oplus 1892V^{(1,1),(1,1)} \oplus 99V^{(1,1),(3)} \oplus 133V^{(1,1),(2,1)} \oplus 125V^{(1,1),(1,1,1)} \oplus 1730V^{(2,1),\varnothing} \oplus 1608V^{(2,1),(1)} \oplus 137V^{(2,1),(2)} \oplus 141V^{(2,1),(1,1)} \oplus 1830V^{(1,1,1),\varnothing} \oplus 1728V^{(1,1,1),(1)} \oplus 143V^{(1,1,1),(2)} \oplus 149V^{(1,1,1),(1,1)} \oplus 344V^{(2,2),\varnothing} \oplus 33V^{(2,2),(1)} \oplus 548V^{(2,1,1),\varnothing} \oplus 41V^{(2,1,1),(1)} \oplus 548V^{(1,1,1,1),\varnothing} \oplus 41V^{(1,1,1,1),(1)} \oplus 3V^{(2,2,1),\varnothing} \oplus 4V^{(2,1,1,1),\varnothing} \oplus 3V^{(1,1,1,1,1),\varnothing}$
$k = 8: \quad 1210V^{\varnothing,\varnothing} \oplus 2280V^{\varnothing,(1)} \oplus 1356V^{\varnothing,(2)} \oplus 1356V^{\varnothing,(1,1)} \oplus 428V^{\varnothing,(3)} \oplus 948V^{\varnothing,(2,1)} \oplus 688V^{\varnothing,(1,1,1)} \oplus 384V^{\varnothing,(3,1)} \oplus 384V^{\varnothing,(2,2)} \oplus 534V^{\varnothing,(2,1,1)} \oplus 234V^{\varnothing,(1,1,1,1)} \oplus 104V^{\varnothing,(3,2)} \oplus 180V^{\varnothing,(3,1,1)} \oplus 180V^{\varnothing,(2,2,1)} \oplus 180V^{\varnothing,(2,1,1,1)} \oplus V^{\varnothing,(3,2,1)} \oplus V^{\varnothing,(3,1,1,1)} \oplus V^{\varnothing,(2,2,1,1)} \oplus 5640V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 5136V^{(1),(2)} \oplus 5232V^{(1),(1,1)} \oplus 1794V^{(1),(3)} \oplus 2538V^{(1),(2,1)} \oplus 2166V^{(1),(1,1,1)} \oplus 592V^{(1),(3,1)} \oplus 592V^{(1),(2,2)} \oplus 736V^{(1),(2,1,1)} \oplus 488V^{(1),(1,1,1,1)} \oplus 7V^{(1),(3,2)} \oplus 9V^{(1),(3,1,1)} \oplus 9V^{(1),(2,2,1)} \oplus 9V^{(1),(2,1,1,1)} \oplus 2043V^{(2),\varnothing} \oplus 4496V^{(2),(1)} \oplus 1886V^{(2),(2)} \oplus 1958V^{(2),(1,1)} \oplus 412V^{(2),(3)} \oplus 580V^{(2),(2,1)} \oplus 508V^{(2),(1,1,1)} \oplus 23V^{(2),(3,1)} \oplus 23V^{(2),(2,2)} \oplus 28V^{(2),(2,1,1)} \oplus 22V^{(2),(1,1,1,1)} \oplus 2511V^{(1,1),\varnothing} \oplus 5280V^{(1,1),(1)} \oplus 2366V^{(1,1),(2)} \oplus 2474V^{(1,1),(1,1)} \oplus 508V^{(1,1),(3)} \oplus 800V^{(1,1),(2,1)} \oplus 672V^{(1,1),(1,1,1)} \oplus 35V^{(1,1),(3,1)} \oplus 35V^{(1,1),(2,2)} \oplus 43V^{(1,1),(2,1,1)} \oplus 33V^{(1,1),(1,1,1,1)} \oplus 1080V^{(2,1),\varnothing} \oplus 2166V^{(2,1),(1)} \oplus 612V^{(2,1),(2)} \oplus 644V^{(2,1),(1,1)} \oplus 59V^{(2,1),(3)} \oplus 83V^{(2,1),(2,1)} \oplus 77V^{(2,1),(1,1,1)} \oplus 1080V^{(1,1,1),\varnothing} \oplus 2274V^{(1,1,1),(1)} \oplus 660V^{(1,1,1),(2)} \oplus 708V^{(1,1,1),(1,1)} \oplus 63V^{(1,1,1),(3)} \oplus 91V^{(1,1,1),(2,1)} \oplus 83V^{(1,1,1),(1,1,1)} \oplus 360V^{(2,2),\varnothing} \oplus 468V^{(2,2),(1)} \oplus 33V^{(2,2),(2)} \oplus 35V^{(2,2),(1,1)} \oplus 510V^{(2,1,1),\varnothing} \oplus 632V^{(2,1,1),(1)} \oplus 41V^{(2,1,1),(2)} \oplus 45V^{(2,1,1),(1,1)} \oplus 510V^{(1,1,1,1),\varnothing} \oplus 632V^{(1,1,1,1),(1)} \oplus 41V^{(1,1,1,1),(2)} \oplus 45V^{(1,1,1,1),(1,1)} \oplus 146V^{(2,2,1),\varnothing} \oplus 9V^{(2,2,1),(1)} \oplus 222V^{(2,1,1,1),\varnothing} \oplus 11V^{(2,1,1,1),(1)} \oplus 146V^{(1,1,1,1,1),\varnothing} \oplus 9V^{(1,1,1,1,1),(1)} \oplus V^{(2,2,1,1),\varnothing} \oplus V^{(2,1,1,1,1),\varnothing}$
$k = 7: \quad 196V^{\varnothing,(1)} \oplus 140V^{\varnothing,(2)} \oplus 140V^{\varnothing,(1,1)} \oplus 84V^{\varnothing,(3)} \oplus 84V^{\varnothing,(2,1)} \oplus 84V^{\varnothing,(1,1,1)} \oplus 42V^{\varnothing,(3,1)} \oplus 42V^{\varnothing,(2,2)} \oplus 42V^{\varnothing,(2,1,1)} \oplus 42V^{\varnothing,(1,1,1,1)} \oplus 28V^{\varnothing,(3,2)} \oplus 28V^{\varnothing,(3,1,1)} \oplus 28V^{\varnothing,(2,2,1)} \oplus 28V^{\varnothing,(2,1,1,1)} \oplus 14V^{\varnothing,(3,2,1)} \oplus 14V^{\varnothing,(3,1,1,1)} \oplus 14V^{\varnothing,(2,2,1,1)} \oplus 1225V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1200V^{(1),(3)} \oplus 1520V^{(1),(2,1)} \oplus 1360V^{(1),(1,1,1)} \oplus 650V^{(1),(3,1)} \oplus 650V^{(1),(2,2)} \oplus 750V^{(1),(2,1,1)} \oplus 550V^{(1),(1,1,1,1)} \oplus 204V^{(1),(3,2)} \oplus 256V^{(1),(3,1,1)} \oplus 256V^{(1),(2,2,1)} \oplus 256V^{(1),(2,1,1,1)} \oplus 3V^{(1),(3,2,1)} \oplus 3V^{(1),(3,1,1,1)} \oplus 3V^{(1),(2,2,1,1)} \oplus 700V^{(2),\varnothing} \oplus 2580V^{(2),(1)} \oplus 1352V^{(2),(2)} \oplus 1376V^{(2),(1,1)} \oplus 552V^{(2),(3)} \oplus 708V^{(2),(2,1)} \oplus 630V^{(2),(1,1,1)} \oplus 176V^{(2),(3,1)} \oplus 176V^{(2),(2,2)} \oplus$

Table 191: Table for $\lambda = (2,2,1,1,1)$, $\mu = (3,1,1,1,1)$:

$k = 14: \quad 60V^{\varnothing,\varnothing}$
$k = 13: \quad 8091V^{\varnothing,\varnothing} \oplus 255V^{\varnothing,(1)} \oplus 312V^{(1),\varnothing}$
$k = 12: \quad 15194V^{\varnothing,\varnothing} \oplus 7680V^{\varnothing,(1)} \oplus 86V^{\varnothing,(2)} \oplus 93V^{\varnothing,(1,1)} \oplus 7520V^{(1),\varnothing} \oplus 1487V^{(1),(1)} \oplus 108V^{(2),\varnothing} \oplus 117V^{(1,1),\varnothing}$
$k = 11: \quad 14884V^{\varnothing,\varnothing} \oplus 13362V^{\varnothing,(1)} \oplus 2612V^{\varnothing,(2)} \oplus 2920V^{\varnothing,(1,1)} \oplus 22V^{\varnothing,(3)} \oplus 30V^{\varnothing,(2,1)} \oplus 32V^{\varnothing,(1,1,1)} \oplus 12864V^{(1),\varnothing} \oplus 11888V^{(1),(1)} \oplus 433V^{(1),(2)} \oplus 455V^{(1),(1,1)} \oplus 1958V^{(2),\varnothing} \oplus 435V^{(2),(1)} \oplus 3046V^{(1,1),\varnothing} \oplus 461V^{(1,1),(1)} \oplus 37V^{(2,1),\varnothing} \oplus 39V^{(1,1,1),\varnothing}$
$k = 10: \quad 10976V^{\varnothing,\varnothing} \oplus 11236V^{\varnothing,(1)} \oplus 4180V^{\varnothing,(2)} \oplus 4570V^{\varnothing,(1,1)} \oplus 598V^{\varnothing,(3)} \oplus 1056V^{\varnothing,(2,1)} \oplus 1160V^{\varnothing,(1,1,1)} \oplus 8V^{\varnothing,(3,1)} \oplus 11V^{\varnothing,(2,1,1)} \oplus 11V^{\varnothing,(1,1,1,1)} \oplus 11638V^{(1),\varnothing} \oplus 19598V^{(1),(1)} \oplus 3912V^{(1),(2)} \oplus 4216V^{(1),(1,1)} \oplus 97V^{(1),(3)} \oplus 121V^{(1),(2,1)} \oplus 125V^{(1),(1,1,1)} \oplus 2916V^{(2),\varnothing} \oplus 3552V^{(2),(1)} \oplus 251V^{(2),(2)} \oplus 267V^{(2),(1,1)} \oplus 4674V^{(1,1),\varnothing} \oplus 4456V^{(1,1),(1)} \oplus 269V^{(1,1),(2)} \oplus 293V^{(1,1),(1,1)} \oplus 1086V^{(2,1),\varnothing} \oplus 125V^{(2,1),(1)} \oplus 1190V^{(1,1,1),\varnothing} \oplus 131V^{(1,1,1),(1)} \oplus 9V^{(2,2),\varnothing} \oplus 12V^{(2,1,1),\varnothing} \oplus 12V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 4980V^{\varnothing,\varnothing} \oplus 7136V^{\varnothing,(1)} \oplus 2960V^{\varnothing,(2)} \oplus 3120V^{\varnothing,(1,1)} \oplus 802V^{\varnothing,(3)} \oplus 1352V^{\varnothing,(2,1)} \oplus 1452V^{\varnothing,(1,1,1)} \oplus 260V^{\varnothing,(3,1)} \oplus 464V^{\varnothing,(2,1,1)} \oplus 464V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(3,1,1)} \oplus 4V^{\varnothing,(2,1,1,1)} \oplus 3V^{\varnothing,(1,1,1,1,1)} \oplus 7185V^{(1),\varnothing} \oplus 17576V^{(1),(1)} \oplus 6198V^{(1),(2)} \oplus 6522V^{(1),(1,1)} \oplus 1120V^{(1),(3)} \oplus 1480V^{(1),(2,1)} \oplus 1560V^{(1),(1,1,1)} \oplus 25V^{(1),(3,1)} \oplus 31V^{(1),(2,1,1)} \oplus 31V^{(1),(1,1,1,1)} \oplus 2200V^{(2),\varnothing} \oplus 5514V^{(2),(1)} \oplus 1196V^{(2),(2)} \oplus 1308V^{(2),(1,1)} \oplus 66V^{(2),(3)} \oplus 83V^{(2),(2,1)} \oplus 87V^{(2),(1,1,1)} \oplus 3400V^{(1,1),\varnothing} \oplus 6846V^{(1,1),(1)} \oplus 1508V^{(1,1),(2)} \oplus 1676V^{(1,1),(1,1)} \oplus 75V^{(1,1),(3)} \oplus 101V^{(1,1),(2,1)} \oplus 107V^{(1,1),(1,1,1)} \oplus 1370V^{(2,1),\varnothing} \oplus 1560V^{(2,1),(1)} \oplus 85V^{(2,1),(2)} \oplus 101V^{(2,1),(1,1)} \oplus 1470V^{(1,1,1),\varnothing} \oplus 1680V^{(1,1,1),(1)} \oplus 89V^{(1,1,1),(2)} \oplus 107V^{(1,1,1),(1,1)} \oplus 264V^{(2,2),\varnothing} \oplus 27V^{(2,2),(1)} \oplus 468V^{(2,1,1),\varnothing} \oplus 35V^{(2,1,1),(1)} \oplus 468V^{(1,1,1,1),\varnothing} \oplus 35V^{(1,1,1,1),(1)} \oplus 3V^{(2,2,1),\varnothing} \oplus 4V^{(2,1,1,1),\varnothing} \oplus 3V^{(1,1,1,1,1),\varnothing}$
$k = 8: \quad 930V^{\varnothing,\varnothing} \oplus 2280V^{\varnothing,(1)} \oplus 1356V^{\varnothing,(2)} \oplus 1356V^{\varnothing,(1,1)} \oplus 428V^{\varnothing,(3)} \oplus 688V^{\varnothing,(2,1)} \oplus 688V^{\varnothing,(1,1,1)} \oplus 234V^{\varnothing,(3,1)} \oplus 384V^{\varnothing,(2,1,1)} \oplus 384V^{\varnothing,(1,1,1,1)} \oplus 104V^{\varnothing,(3,1,1)} \oplus 180V^{\varnothing,(2,1,1,1)} \oplus 104V^{\varnothing,(1,1,1,1,1)} \oplus V^{\varnothing,(3,1,1,1)} \oplus V^{\varnothing,(2,1,1,1,1)} \oplus 2430V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 5040V^{(1),(2)} \oplus 5136V^{(1),(1,1)} \oplus 1722V^{(1),(3)} \oplus 2094V^{(1),(2,1)} \oplus 2166V^{(1),(1,1,1)} \oplus 448V^{(1),(3,1)} \oplus 592V^{(1),(2,1,1)} \oplus 592V^{(1),(1,1,1,1)} \oplus 7V^{(1),(3,1,1)} \oplus 9V^{(1),(2,1,1,1)} \oplus 7V^{(1),(1,1,1,1,1)} \oplus 993V^{(2),\varnothing} \oplus 4496V^{(2),(1)} \oplus 1766V^{(2),(2)} \oplus 1862V^{(2),(1,1)} \oplus 356V^{(2),(3)} \oplus 452V^{(2),(2,1)} \oplus 484V^{(2),(1,1,1)} \oplus 18V^{(2),(3,1)} \oplus 23V^{(2),(2,1,1)} \oplus 23V^{(2),(1,1,1,1)} \oplus 1461V^{(1,1),\varnothing} \oplus 5280V^{(1,1),(1)} \oplus 2186V^{(1,1),(2)} \oplus 2330V^{(1,1),(1,1)} \oplus 424V^{(1,1),(3)} \oplus 588V^{(1,1),(2,1)} \oplus 636V^{(1,1),(1,1,1)} \oplus 27V^{(1,1),(3,1)} \oplus 35V^{(1,1),(2,1,1)} \oplus 35V^{(1,1),(1,1,1,1)} \oplus 760V^{(2,1),\varnothing} \oplus 2166V^{(2,1),(1)} \oplus 532V^{(2,1),(2)} \oplus 588V^{(2,1),(1,1)} \oplus 43V^{(2,1),(3)} \oplus 61V^{(2,1),(2,1)} \oplus 65V^{(2,1),(1,1,1)} \oplus 760V^{(1,1,1),\varnothing} \oplus 2274V^{(1,1,1),(1)} \oplus 564V^{(1,1,1),(2)} \oplus 636V^{(1,1,1),(1,1)} \oplus 45V^{(1,1,1),(3)} \oplus 65V^{(1,1,1),(2,1)} \oplus 71V^{(1,1,1),(1,1,1)} \oplus 240V^{(2,2),\varnothing} \oplus 468V^{(2,2),(1)} \oplus 19V^{(2,2),(2)} \oplus 27V^{(2,2),(1,1)} \oplus 390V^{(2,1,1),\varnothing} \oplus 632V^{(2,1,1),(1)} \oplus 25V^{(2,1,1),(2)} \oplus 35V^{(2,1,1),(1,1)} \oplus 390V^{(1,1,1,1),\varnothing} \oplus 632V^{(1,1,1,1),(1)} \oplus 25V^{(1,1,1,1),(2)} \oplus 35V^{(1,1,1,1),(1,1)} \oplus 106V^{(2,2,1),\varnothing} \oplus 9V^{(2,2,1),(1)} \oplus 182V^{(2,1,1,1),\varnothing} \oplus 11V^{(2,1,1,1),(1)} \oplus 106V^{(1,1,1,1,1),\varnothing} \oplus 9V^{(1,1,1,1,1),(1)} \oplus V^{(2,2,1,1),\varnothing} \oplus V^{(2,1,1,1,1),\varnothing}$
$k = 7: \quad 196V^{\varnothing,(1)} \oplus 140V^{\varnothing,(2)} \oplus 140V^{\varnothing,(1,1)} \oplus 84V^{\varnothing,(3)} \oplus 84V^{\varnothing,(2,1)} \oplus 84V^{\varnothing,(1,1,1)} \oplus 42V^{\varnothing,(3,1)} \oplus 42V^{\varnothing,(2,1,1)} \oplus 42V^{\varnothing,(1,1,1,1)} \oplus 28V^{\varnothing,(3,1,1)} \oplus 28V^{\varnothing,(2,1,1,1)} \oplus 28V^{\varnothing,(1,1,1,1,1)} \oplus 14V^{\varnothing,(3,1,1,1)} \oplus 14V^{\varnothing,(2,1,1,1,1)} \oplus 225V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1200V^{(1),(3)} \oplus 1360V^{(1),(2,1)} \oplus 1360V^{(1),(1,1,1)} \oplus 550V^{(1),(3,1)} \oplus 650V^{(1),(2,1,1)} \oplus 650V^{(1),(1,1,1,1)} \oplus 204V^{(1),(3,1,1)} \oplus 256V^{(1),(2,1,1,1)} \oplus 204V^{(1),(1,1,1,1,1)} \oplus 3V^{(1),(3,1,1,1)} \oplus 3V^{(1),(2,1,1,1,1)} \oplus 165V^{(2),\varnothing} \oplus 2580V^{(2),(1)} \oplus 1328V^{(2),(2)} \oplus 1352V^{(2),(1,1)} \oplus 528V^{(2),(3)} \oplus 606V^{(2),(2,1)} \oplus 630V^{(2),(1,1,1)} \oplus 140V^{(2),(3,1)} \oplus 176V^{(2),(2,1,1)} \oplus 176V^{(2),(1,1,1,1)} \oplus 6V^{(2),(3,1,1)} \oplus 7V^{(2),(2,1,1,1)} \oplus 6V^{(2),(1,1,1,1,1)} \oplus 165V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1544V^{(1,1),(2)} \oplus 1580V^{(1,1),(1,1)} \oplus 594V^{(1,1),(3)} \oplus 738V^{(1,1),(2,1)} \oplus 774V^{(1,1),(1,1,1)} \oplus 168V^{(1,1),(3,1)} \oplus$

Table 192: Table for $\lambda = (2,2,1,1,1)$, $\mu = (2,2,2,1)$:

$k = 14: \quad 144V^{\varnothing,\varnothing}$
$k = 13: \quad 8293V^{\varnothing,\varnothing} \oplus 239V^{\varnothing,(1)} \oplus 251V^{(1),\varnothing}$
$k = 12: \quad 15286V^{\varnothing,\varnothing} \oplus 7048V^{\varnothing,(1)} \oplus 85V^{\varnothing,(2)} \oplus 88V^{\varnothing,(1,1)} \oplus 7156V^{(1),\varnothing} \oplus 1411V^{(1),(1)} \oplus 84V^{(2),\varnothing} \oplus 92V^{(1,1),\varnothing}$
$k = 11: \quad 14880V^{\varnothing,\varnothing} \oplus 12378V^{\varnothing,(1)} \oplus 1852V^{\varnothing,(2)} \oplus 2820V^{\varnothing,(1,1)} \oplus 30V^{\varnothing,(2,1)} \oplus 30V^{\varnothing,(1,1,1)} \oplus 12462V^{(1),\varnothing} \oplus 11200V^{(1),(1)} \oplus 431V^{(1),(2)} \oplus 437V^{(1),(1,1)} \oplus 1852V^{(2),\varnothing} \oplus 383V^{(2),(1)} \oplus 2920V^{(1,1),\varnothing} \oplus 407V^{(1,1),(1)} \oplus 30V^{(2,1),\varnothing} \oplus 32V^{(1,1,1),\varnothing}$
$k = 10:$ $11144V^{\varnothing,\varnothing} \oplus 10596V^{\varnothing,(1)} \oplus 2830V^{\varnothing,(2)} \oplus 4480V^{\varnothing,(1,1)} \oplus 1056V^{\varnothing,(2,1)} \oplus 1056V^{\varnothing,(1,1,1)} \oplus 10V^{\varnothing,(2,2)} \oplus 11V^{\varnothing,(2,1,1)} \oplus 8V^{\varnothing,(1,1,1,1)} \oplus 10596V^{(1),\varnothing} \oplus 18806V^{(1),(1)} \oplus 3392V^{(1),(2)} \oplus 4072V^{(1),(1,1)} \oplus 121V^{(1),(2,1)} \oplus 121V^{(1),(1,1,1)} \oplus 2830V^{(2),\varnothing} \oplus 3296V^{(2),(1)} \oplus 250V^{(2),(2)} \oplus 255V^{(2),(1,1)} \oplus 4570V^{(1,1),\varnothing} \oplus 4120V^{(1,1),(1)} \oplus 267V^{(1,1),(2)} \oplus 275V^{(1,1),(1,1)} \oplus 1056V^{(2,1),\varnothing} \oplus 97V^{(2,1),(1)} \oplus 1160V^{(1,1,1),\varnothing} \oplus 101V^{(1,1,1),(1)} \oplus 8V^{(2,2),\varnothing} \oplus 11V^{(2,1,1),\varnothing} \oplus 11V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 4952V^{\varnothing,\varnothing} \oplus 6896V^{\varnothing,(1)} \oplus 1920V^{\varnothing,(2)} \oplus 3120V^{\varnothing,(1,1)} \oplus 1352V^{\varnothing,(2,1)} \oplus 1352V^{\varnothing,(1,1,1)} \oplus 312V^{\varnothing,(2,2)} \oplus 464V^{\varnothing,(2,1,1)} \oplus 260V^{\varnothing,(1,1,1,1)} \oplus 4V^{\varnothing,(2,2,1)} \oplus 3V^{\varnothing,(2,1,1,1)} \oplus 6896V^{(1),\varnothing} \oplus 17192V^{(1),(1)} \oplus 5298V^{(1),(2)} \oplus 6414V^{(1),(1,1)} \oplus 1480V^{(1),(2,1)} \oplus 1480V^{(1),(1,1,1)} \oplus 29V^{(1),(2,2)} \oplus 31V^{(1),(2,1,1)} \oplus 25V^{(1),(1,1,1,1)} \oplus 1920V^{(2),\varnothing} \oplus 5298V^{(2),(1)} \oplus 1096V^{(2),(2)} \oplus 1260V^{(2),(1,1)} \oplus 83V^{(2),(2,1)} \oplus 83V^{(2),(1,1,1)} \oplus 3120V^{(1,1),\varnothing} \oplus 6522V^{(1,1),(1)} \oplus 1308V^{(1,1),(2)} \oplus 1604V^{(1,1),(1,1)} \oplus 101V^{(1,1),(2,1)} \oplus 101V^{(1,1),(1,1,1)} \oplus 1352V^{(2,1),\varnothing} \oplus 1480V^{(2,1),(1)} \oplus 83V^{(2,1),(2)} \oplus 89V^{(2,1),(1,1)} \oplus 1452V^{(1,1,1),\varnothing} \oplus 1560V^{(1,1,1),(1)} \oplus 87V^{(1,1,1),(2)} \oplus 95V^{(1,1,1),(1,1)} \oplus 260V^{(2,2),\varnothing} \oplus 25V^{(2,2),(1)} \oplus 464V^{(2,1,1),\varnothing} \oplus 31V^{(2,1,1),(1)} \oplus 464V^{(1,1,1,1),\varnothing} \oplus 31V^{(1,1,1,1),(1)} \oplus 3V^{(2,2,1),\varnothing} \oplus 4V^{(2,1,1,1),\varnothing} \oplus 3V^{(1,1,1,1,1),\varnothing}$
$k = 8: \quad 916V^{\varnothing,\varnothing} \oplus 2280V^{\varnothing,(1)} \oplus 888V^{\varnothing,(2)} \oplus 1356V^{\varnothing,(1,1)} \oplus 688V^{\varnothing,(2,1)} \oplus 688V^{\varnothing,(1,1,1)} \oplus 234V^{\varnothing,(2,2)} \oplus 384V^{\varnothing,(2,1,1)} \oplus 234V^{\varnothing,(1,1,1,1)} \oplus 180V^{\varnothing,(2,2,1)} \oplus 104V^{\varnothing,(2,1,1,1)} \oplus V^{\varnothing,(2,2,2)} \oplus V^{\varnothing,(2,2,1,1)} \oplus 2196V^{(1),\varnothing} \oplus 11828V^{(1),(1)} \oplus 4400V^{(1),(2)} \oplus 5136V^{(1),(1,1)} \oplus 2094V^{(1),(2,1)} \oplus 2094V^{(1),(1,1,1)} \oplus 488V^{(1),(2,2)} \oplus 592V^{(1),(2,1,1)} \oplus 448V^{(1),(1,1,1,1)} \oplus 9V^{(1),(2,2,1)} \oplus 7V^{(1),(2,1,1,1)} \oplus 888V^{(2),\varnothing} \oplus 4400V^{(2),(1)} \oplus 1604V^{(2),(2)} \oplus 1838V^{(2),(1,1)} \oplus 452V^{(2),(2,1)} \oplus 452V^{(2),(1,1,1)} \oplus 22V^{(2),(2,2)} \oplus 23V^{(2),(2,1,1)} \oplus 18V^{(2),(1,1,1,1)} \oplus 1356V^{(1,1),\varnothing} \oplus 5136V^{(1,1),(1)} \oplus 1862V^{(1,1),(2)} \oplus 2294V^{(1,1),(1,1)} \oplus 588V^{(1,1),(2,1)} \oplus 588V^{(1,1),(1,1,1)} \oplus 33V^{(1,1),(2,2)} \oplus 35V^{(1,1),(2,1,1)} \oplus 27V^{(1,1),(1,1,1,1)} \oplus 688V^{(2,1),\varnothing} \oplus 2094V^{(2,1),(1)} \oplus 452V^{(2,1),(2)} \oplus 564V^{(2,1),(1,1)} \oplus 61V^{(2,1),(2,1)} \oplus 61V^{(2,1),(1,1,1)} \oplus 688V^{(1,1,1),\varnothing} \oplus 2166V^{(1,1,1),(1)} \oplus 484V^{(1,1,1),(2)} \oplus 612V^{(1,1,1),(1,1)} \oplus 65V^{(1,1,1),(2,1)} \oplus 65V^{(1,1,1),(1,1,1)} \oplus 234V^{(2,2),\varnothing} \oplus 448V^{(2,2),(1)} \oplus 18V^{(2,2),(2)} \oplus 21V^{(2,2),(1,1)} \oplus 384V^{(2,1,1),\varnothing} \oplus 592V^{(2,1,1),(1)} \oplus 23V^{(2,1,1),(2)} \oplus 29V^{(2,1,1),(1,1)} \oplus 384V^{(1,1,1,1),\varnothing} \oplus 592V^{(1,1,1,1),(1)} \oplus 23V^{(1,1,1,1),(2)} \oplus 29V^{(1,1,1,1),(1,1)} \oplus 104V^{(2,2,1),\varnothing} \oplus 7V^{(2,2,1),(1)} \oplus 180V^{(2,1,1,1),\varnothing} \oplus 9V^{(2,1,1,1),(1)} \oplus 104V^{(1,1,1,1,1),\varnothing} \oplus 7V^{(1,1,1,1,1),(1)} \oplus V^{(2,2,1,1),\varnothing} \oplus V^{(2,1,1,1,1),\varnothing}$
$k = 7: \quad 196V^{\varnothing,(1)} \oplus 140V^{\varnothing,(2)} \oplus 140V^{\varnothing,(1,1)} \oplus 84V^{\varnothing,(2,1)} \oplus 84V^{\varnothing,(1,1,1)} \oplus 42V^{\varnothing,(2,2)} \oplus 42V^{\varnothing,(2,1,1)} \oplus 42V^{\varnothing,(1,1,1,1)} \oplus 28V^{\varnothing,(2,2,1)} \oplus 28V^{\varnothing,(2,1,1,1)} \oplus 14V^{\varnothing,(2,2,2)} \oplus 14V^{\varnothing,(2,2,1,1)} \oplus 196V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2580V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1360V^{(1),(2,1)} \oplus 1360V^{(1),(1,1,1)} \oplus 550V^{(1),(2,2)} \oplus 650V^{(1),(2,1,1)} \oplus 550V^{(1),(1,1,1,1)} \oplus 256V^{(1),(2,2,1)} \oplus 204V^{(1),(2,1,1,1)} \oplus 3V^{(1),(2,2,2)} \oplus 3V^{(1),(2,2,1,1)} \oplus 126V^{(2),\varnothing} \oplus 2580V^{(2),(1)} \oplus 1232V^{(2),(2)} \oplus 1352V^{(2),(1,1)} \oplus 606V^{(2),(2,1)} \oplus 606V^{(2),(1,1,1)} \oplus 156V^{(2),(2,2)} \oplus 176V^{(2),(2,1,1)} \oplus 140V^{(2),(1,1,1,1)} \oplus 7V^{(2),(2,2,1)} \oplus 6V^{(2),(2,1,1,1)} \oplus 126V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1352V^{(1,1),(2)} \oplus 1580V^{(1,1),(1,1)} \oplus 738V^{(1,1),(2,1)} \oplus 738V^{(1,1),(1,1,1)} \oplus 192V^{(1,1),(2,2)} \oplus 232V^{(1,1),(2,1,1)} \oplus 168V^{(1,1),(1,1,1,1)} \oplus 11V^{(1,1),(2,2,1)} \oplus 9V^{(1,1),(2,1,1,1)} \oplus 84V^{(2,1),\varnothing} \oplus 1360V^{(2,1),(1)} \oplus 606V^{(2,1),(2)} \oplus 738V^{(2,1),(1,1)} \oplus 220V^{(2,1),(2,1)} \oplus 220V^{(2,1),(1,1,1)} \oplus 23V^{(2,1),(2,2)} \oplus 25V^{(2,1),(2,1,1)} \oplus 19V^{(2,1),(1,1,1,1)} \oplus 84V^{(1,1,1),\varnothing} \oplus 1360V^{(1,1,1),(1)} \oplus 630V^{(1,1,1),(2)} \oplus$

Table 193: Table for $\lambda = (2,2,1,1,1)$, $\mu = (2,2,1,1,1)$:

$k = 14: \quad 366V^{\varnothing,\varnothing}$
$k = 13: \quad 8322V^{\varnothing,\varnothing} \oplus 253V^{\varnothing,(1)} \oplus 253V^{(1),\varnothing}$
$k = 12: \quad 15288V^{\varnothing,\varnothing} \oplus 7160V^{\varnothing,(1)} \oplus 85V^{\varnothing,(2)} \oplus 93V^{\varnothing,(1,1)} \oplus 7160V^{(1),\varnothing} \oplus 1483V^{(1),(1)} \oplus 85V^{(2),\varnothing} \oplus 93V^{(1,1),\varnothing}$
$k = 11: \quad 14880V^{\varnothing,\varnothing} \oplus 12462V^{\varnothing,(1)} \oplus 1852V^{\varnothing,(2)} \oplus 2920V^{\varnothing,(1,1)} \oplus 30V^{\varnothing,(2,1)} \oplus 32V^{\varnothing,(1,1,1)} \oplus 12462V^{(1),\varnothing} \oplus 11488V^{(1),(1)} \oplus 431V^{(1),(2)} \oplus 455V^{(1),(1,1)} \oplus 1852V^{(2),\varnothing} \oplus 431V^{(2),(1)} \oplus 2920V^{(1,1),\varnothing} \oplus 455V^{(1,1),(1)} \oplus 30V^{(2,1),\varnothing} \oplus 32V^{(1,1,1),\varnothing}$
$k = 10:$ $11144V^{\varnothing,\varnothing} \oplus 10596V^{\varnothing,(1)} \oplus 2830V^{\varnothing,(2)} \oplus 4570V^{\varnothing,(1,1)} \oplus 1056V^{\varnothing,(2,1)} \oplus 1160V^{\varnothing,(1,1,1)} \oplus 8V^{\varnothing,(2,2)} \oplus 11V^{\varnothing,(2,1,1)} \oplus 11V^{\varnothing,(1,1,1,1)} \oplus 10596V^{(1),\varnothing} \oplus 18950V^{(1),(1)} \oplus 3392V^{(1),(2)} \oplus 4216V^{(1),(1,1)} \oplus 121V^{(1),(2,1)} \oplus 125V^{(1),(1,1,1)} \oplus 2830V^{(2),\varnothing} \oplus 3392V^{(2),(1)} \oplus 250V^{(2),(2)} \oplus 267V^{(2),(1,1)} \oplus 4570V^{(1,1),\varnothing} \oplus 4216V^{(1,1),(1)} \oplus 267V^{(1,1),(2)} \oplus 293V^{(1,1),(1,1)} \oplus 1056V^{(2,1),\varnothing} \oplus 121V^{(2,1),(1)} \oplus 1160V^{(1,1,1),\varnothing} \oplus 125V^{(1,1,1),(1)} \oplus 8V^{(2,2),\varnothing} \oplus 11V^{(2,1,1),\varnothing} \oplus 11V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 5148V^{\varnothing,\varnothing} \oplus 6896V^{\varnothing,(1)} \oplus 1920V^{\varnothing,(2)} \oplus 3120V^{\varnothing,(1,1)} \oplus 1352V^{\varnothing,(2,1)} \oplus 1452V^{\varnothing,(1,1,1)} \oplus 260V^{\varnothing,(2,2)} \oplus 464V^{\varnothing,(2,1,1)} \oplus 464V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(2,2,1)} \oplus 4V^{\varnothing,(2,1,1,1)} \oplus 3V^{\varnothing,(1,1,1,1,1)} \oplus 6896V^{(1),\varnothing} \oplus 17192V^{(1),(1)} \oplus 5298V^{(1),(2)} \oplus 6522V^{(1),(1,1)} \oplus 1480V^{(1),(2,1)} \oplus 1560V^{(1),(1,1,1)} \oplus 25V^{(1),(2,2)} \oplus 31V^{(1),(2,1,1)} \oplus 31V^{(1),(1,1,1,1)} \oplus 1920V^{(2),\varnothing} \oplus 5298V^{(2),(1)} \oplus 1096V^{(2),(2)} \oplus 1308V^{(2),(1,1)} \oplus 83V^{(2),(2,1)} \oplus 87V^{(2),(1,1,1)} \oplus 3120V^{(1,1),\varnothing} \oplus 6522V^{(1,1),(1)} \oplus 1308V^{(1,1),(2)} \oplus 1676V^{(1,1),(1,1)} \oplus 101V^{(1,1),(2,1)} \oplus 107V^{(1,1),(1,1,1)} \oplus 1352V^{(2,1),\varnothing} \oplus 1480V^{(2,1),(1)} \oplus 83V^{(2,1),(2)} \oplus 101V^{(2,1),(1,1)} \oplus 1452V^{(1,1,1),\varnothing} \oplus 1560V^{(1,1,1),(1)} \oplus 87V^{(1,1,1),(2)} \oplus 107V^{(1,1,1),(1,1)} \oplus 260V^{(2,2),\varnothing} \oplus 25V^{(2,2),(1)} \oplus 464V^{(2,1,1),\varnothing} \oplus 31V^{(2,1,1),(1)} \oplus 464V^{(1,1,1,1),\varnothing} \oplus 31V^{(1,1,1,1),(1)} \oplus 3V^{(2,2,1),\varnothing} \oplus 4V^{(2,1,1,1),\varnothing} \oplus 3V^{(1,1,1,1,1),\varnothing}$
$k = 8: \quad 1112V^{\varnothing,\varnothing} \oplus 2280V^{\varnothing,(1)} \oplus 888V^{\varnothing,(2)} \oplus 1356V^{\varnothing,(1,1)} \oplus 688V^{\varnothing,(2,1)} \oplus 688V^{\varnothing,(1,1,1)} \oplus 234V^{\varnothing,(2,2)} \oplus 384V^{\varnothing,(2,1,1)} \oplus 384V^{\varnothing,(1,1,1,1)} \oplus 104V^{\varnothing,(2,2,1)} \oplus 180V^{\varnothing,(2,1,1,1)} \oplus 104V^{\varnothing,(1,1,1,1,1)} \oplus V^{\varnothing,(2,2,1,1)} \oplus V^{\varnothing,(2,1,1,1,1)} \oplus 2280V^{(1),\varnothing} \oplus 11828V^{(1),(1)} \oplus 4400V^{(1),(2)} \oplus 5136V^{(1),(1,1)} \oplus 2094V^{(1),(2,1)} \oplus 2166V^{(1),(1,1,1)} \oplus 448V^{(1),(2,2)} \oplus 592V^{(1),(2,1,1)} \oplus 592V^{(1),(1,1,1,1)} \oplus 7V^{(1),(2,2,1)} \oplus 9V^{(1),(2,1,1,1)} \oplus 7V^{(1),(1,1,1,1,1)} \oplus 888V^{(2),\varnothing} \oplus 4400V^{(2),(1)} \oplus 1604V^{(2),(2)} \oplus 1862V^{(2),(1,1)} \oplus 452V^{(2),(2,1)} \oplus 484V^{(2),(1,1,1)} \oplus 18V^{(2),(2,2)} \oplus 23V^{(2),(2,1,1)} \oplus 23V^{(2),(1,1,1,1)} \oplus 1356V^{(1,1),\varnothing} \oplus 5136V^{(1,1),(1)} \oplus 1862V^{(1,1),(2)} \oplus 2330V^{(1,1),(1,1)} \oplus 588V^{(1,1),(2,1)} \oplus 636V^{(1,1),(1,1,1)} \oplus 27V^{(1,1),(2,2)} \oplus 35V^{(1,1),(2,1,1)} \oplus 35V^{(1,1),(1,1,1,1)} \oplus 688V^{(2,1),\varnothing} \oplus 2094V^{(2,1),(1)} \oplus 452V^{(2,1),(2)} \oplus 588V^{(2,1),(1,1)} \oplus 61V^{(2,1),(2,1)} \oplus 65V^{(2,1),(1,1,1)} \oplus 688V^{(1,1,1),\varnothing} \oplus 2166V^{(1,1,1),(1)} \oplus 484V^{(1,1,1),(2)} \oplus 636V^{(1,1,1),(1,1)} \oplus 65V^{(1,1,1),(2,1)} \oplus 71V^{(1,1,1),(1,1,1)} \oplus 234V^{(2,2),\varnothing} \oplus 448V^{(2,2),(1)} \oplus 18V^{(2,2),(2)} \oplus 27V^{(2,2),(1,1)} \oplus 384V^{(2,1,1),\varnothing} \oplus 592V^{(2,1,1),(1)} \oplus 23V^{(2,1,1),(2)} \oplus 35V^{(2,1,1),(1,1)} \oplus 384V^{(1,1,1,1),\varnothing} \oplus 592V^{(1,1,1,1),(1)} \oplus 23V^{(1,1,1,1),(2)} \oplus 35V^{(1,1,1,1),(1,1)} \oplus 104V^{(2,2,1),\varnothing} \oplus 7V^{(2,2,1),(1)} \oplus 180V^{(2,1,1,1),\varnothing} \oplus 9V^{(2,1,1,1),(1)} \oplus 104V^{(1,1,1,1,1),\varnothing} \oplus 7V^{(1,1,1,1,1),(1)} \oplus V^{(2,2,1,1),\varnothing} \oplus V^{(2,1,1,1,1),\varnothing}$
$k = 7: \quad 196V^{\varnothing,\varnothing} \oplus 196V^{\varnothing,(1)} \oplus 140V^{\varnothing,(2)} \oplus 140V^{\varnothing,(1,1)} \oplus 84V^{\varnothing,(2,1)} \oplus 84V^{\varnothing,(1,1,1)} \oplus 42V^{\varnothing,(2,2)} \oplus 42V^{\varnothing,(2,1,1)} \oplus 42V^{\varnothing,(1,1,1,1)} \oplus 28V^{\varnothing,(2,2,1)} \oplus 28V^{\varnothing,(2,1,1,1)} \oplus 28V^{\varnothing,(1,1,1,1,1)} \oplus 14V^{\varnothing,(2,2,1,1)} \oplus 14V^{\varnothing,(2,1,1,1,1)} \oplus 196V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2580V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1360V^{(1),(2,1)} \oplus 1360V^{(1),(1,1,1)} \oplus 550V^{(1),(2,2)} \oplus 650V^{(1),(2,1,1)} \oplus 650V^{(1),(1,1,1,1)} \oplus 204V^{(1),(2,2,1)} \oplus 256V^{(1),(2,1,1,1)} \oplus 204V^{(1),(1,1,1,1,1)} \oplus 3V^{(1),(2,2,1,1)} \oplus 3V^{(1),(2,1,1,1,1)} \oplus 140V^{(2),\varnothing} \oplus 2580V^{(2),(1)} \oplus 1232V^{(2),(2)} \oplus 1352V^{(2),(1,1)} \oplus 606V^{(2),(2,1)} \oplus 630V^{(2),(1,1,1)} \oplus 140V^{(2),(2,2)} \oplus 176V^{(2),(2,1,1)} \oplus 176V^{(2),(1,1,1,1)} \oplus 6V^{(2),(2,2,1)} \oplus 7V^{(2),(2,1,1,1)} \oplus 6V^{(2),(1,1,1,1,1)} \oplus 140V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1352V^{(1,1),(2)} \oplus 1580V^{(1,1),(1,1)} \oplus 738V^{(1,1),(2,1)} \oplus 774V^{(1,1),(1,1,1)} \oplus 168V^{(1,1),(2,2)} \oplus 232V^{(1,1),(2,1,1)} \oplus 232V^{(1,1),(1,1,1,1)} \oplus 9V^{(1,1),(2,2,1)} \oplus 11V^{(1,1),(2,1,1,1)} \oplus 9V^{(1,1),(1,1,1,1,1)} \oplus 84V^{(2,1),\varnothing} \oplus 1360V^{(2,1),(1)} \oplus 606V^{(2,1),(2)} \oplus 738V^{(2,1),(1,1)} \oplus 220V^{(2,1),(2,1)} \oplus 236V^{(2,1),(1,1,1)} \oplus 19V^{(2,1),(2,2)} \oplus$

Table 194: Table for $\lambda = (2,2,1,1,1)$, $\mu = (2,1,1,1,1,1)$:

$k = 14: \quad 60V^{\varnothing,\varnothing}$
$k = 13: \quad 7965V^{\varnothing,\varnothing} \oplus 234V^{\varnothing,(1)} \oplus 111V^{(1),\varnothing}$
$k = 12: \quad 14942V^{\varnothing,\varnothing} \oplus 6848V^{\varnothing,(1)} \oplus 64V^{\varnothing,(2)} \oplus 86V^{\varnothing,(1,1)} \oplus 6356V^{(1),\varnothing} \oplus 1393V^{(1),(1)} \oplus 52V^{(2),\varnothing} \oplus 60V^{(1,1),\varnothing}$
$k = 11: \quad 14632V^{\varnothing,\varnothing} \oplus 12108V^{\varnothing,(1)} \oplus 1488V^{\varnothing,(2)} \oplus 2612V^{\varnothing,(1,1)} \oplus 22V^{\varnothing,(2,1)} \oplus 30V^{\varnothing,(1,1,1)} \oplus 11190V^{(1),\varnothing} \oplus 10912V^{(1),(1)} \oplus 337V^{(1),(2)} \oplus 433V^{(1),(1,1)} \oplus 1612V^{(2),\varnothing} \oplus 371V^{(2),(1)} \oplus 2680V^{(1,1),\varnothing} \oplus 389V^{(1,1),(1)} \oplus 26V^{(2,1),\varnothing} \oplus 28V^{(1,1,1),\varnothing}$
$k = 10: \quad 10724V^{\varnothing,\varnothing} \oplus 10476V^{\varnothing,(1)} \oplus 2440V^{\varnothing,(2)} \oplus 4180V^{\varnothing,(1,1)} \oplus 598V^{\varnothing,(2,1)} \oplus 1056V^{\varnothing,(1,1,1)} \oplus 8V^{\varnothing,(2,1,1)} \oplus 11V^{\varnothing,(1,1,1,1)} \oplus 9556V^{(1),\varnothing} \oplus 18482V^{(1),(1)} \oplus 2944V^{(1),(2)} \oplus 3912V^{(1),(1,1)} \oplus 97V^{(1),(2,1)} \oplus 121V^{(1),(1,1,1)} \oplus 2430V^{(2),\varnothing} \oplus 3200V^{(2),(1)} \oplus 186V^{(2),(2)} \oplus 251V^{(2),(1,1)} \oplus 4170V^{(1,1),\varnothing} \oplus 3976V^{(1,1),(1)} \oplus 195V^{(1,1),(2)} \oplus 269V^{(1,1),(1,1)} \oplus 976V^{(2,1),\varnothing} \oplus 85V^{(2,1),(1)} \oplus 1080V^{(1,1,1),\varnothing} \oplus 89V^{(1,1,1),(1)} \oplus 8V^{(2,2),\varnothing} \oplus 11V^{(2,1,1),\varnothing} \oplus 11V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 4728V^{\varnothing,\varnothing} \oplus 6896V^{\varnothing,(1)} \oplus 1760V^{\varnothing,(2)} \oplus 2960V^{\varnothing,(1,1)} \oplus 802V^{\varnothing,(2,1)} \oplus 1352V^{\varnothing,(1,1,1)} \oplus 260V^{\varnothing,(2,1,1)} \oplus 464V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(2,1,1,1)} \oplus 4V^{\varnothing,(1,1,1,1,1)} \oplus 5640V^{(1),\varnothing} \oplus 17084V^{(1),(1)} \oplus 4974V^{(1),(2)} \oplus 6198V^{(1),(1,1)} \oplus 1120V^{(1),(2,1)} \oplus 1480V^{(1),(1,1,1)} \oplus 25V^{(1),(2,1,1)} \oplus 31V^{(1),(1,1,1,1)} \oplus 1600V^{(2),\varnothing} \oplus 5226V^{(2),(1)} \oplus 936V^{(2),(2)} \oplus 1196V^{(2),(1,1)} \oplus 66V^{(2),(2,1)} \oplus 83V^{(2),(1,1,1)} \oplus 2800V^{(1,1),\varnothing} \oplus 6414V^{(1,1),(1)} \oplus 1092V^{(1,1),(2)} \oplus 1508V^{(1,1),(1,1)} \oplus 75V^{(1,1),(2,1)} \oplus 101V^{(1,1),(1,1,1)} \oplus 1208V^{(2,1),\varnothing} \oplus 1432V^{(2,1),(1)} \oplus 43V^{(2,1),(2)} \oplus 85V^{(2,1),(1,1)} \oplus 1308V^{(1,1,1),\varnothing} \oplus 1512V^{(1,1,1),(1)} \oplus 45V^{(1,1,1),(2)} \oplus 89V^{(1,1,1),(1,1)} \oplus 228V^{(2,2),\varnothing} \oplus 19V^{(2,2),(1)} \oplus 432V^{(2,1,1),\varnothing} \oplus 25V^{(2,1,1),(1)} \oplus 432V^{(1,1,1,1),\varnothing} \oplus 25V^{(1,1,1,1),(1)} \oplus 3V^{(2,2,1),\varnothing} \oplus 4V^{(2,1,1,1),\varnothing} \oplus 3V^{(1,1,1,1,1),\varnothing}$
$k = 8: \quad 804V^{\varnothing,\varnothing} \oplus 2280V^{\varnothing,(1)} \oplus 888V^{\varnothing,(2)} \oplus 1356V^{\varnothing,(1,1)} \oplus 428V^{\varnothing,(2,1)} \oplus 688V^{\varnothing,(1,1,1)} \oplus 234V^{\varnothing,(2,1,1)} \oplus 384V^{\varnothing,(1,1,1,1)} \oplus 104V^{\varnothing,(2,1,1,1)} \oplus 180V^{\varnothing,(1,1,1,1,1)} \oplus V^{\varnothing,(2,1,1,1,1)} \oplus V^{\varnothing,(1,1,1,1,1,1)} \oplus 1620V^{(1),\varnothing} \oplus 11828V^{(1),(1)} \oplus 4304V^{(1),(2)} \oplus 5040V^{(1),(1,1)} \oplus 1722V^{(1),(2,1)} \oplus 2094V^{(1),(1,1,1)} \oplus 448V^{(1),(2,1,1)} \oplus 592V^{(1),(1,1,1,1)} \oplus 7V^{(1),(2,1,1,1)} \oplus 9V^{(1),(1,1,1,1,1)} \oplus 588V^{(2),\varnothing} \oplus 4400V^{(2),(1)} \oplus 1508V^{(2),(2)} \oplus 1766V^{(2),(1,1)} \oplus 356V^{(2),(2,1)} \oplus 452V^{(2),(1,1,1)} \oplus 18V^{(2),(2,1,1)} \oplus 23V^{(2),(1,1,1,1)} \oplus 1056V^{(1,1),\varnothing} \oplus 5136V^{(1,1),(1)} \oplus 1718V^{(1,1),(2)} \oplus 2186V^{(1,1),(1,1)} \oplus 424V^{(1,1),(2,1)} \oplus 588V^{(1,1),(1,1,1)} \oplus 27V^{(1,1),(2,1,1)} \oplus 35V^{(1,1),(1,1,1,1)} \oplus 592V^{(2,1),\varnothing} \oplus 2094V^{(2,1),(1)} \oplus 396V^{(2,1),(2)} \oplus 532V^{(2,1),(1,1)} \oplus 43V^{(2,1),(2,1)} \oplus 61V^{(2,1),(1,1,1)} \oplus 592V^{(1,1,1),\varnothing} \oplus 2166V^{(1,1,1),(1)} \oplus 412V^{(1,1,1),(2)} \oplus 564V^{(1,1,1),(1,1)} \oplus 45V^{(1,1,1),(2,1)} \oplus 65V^{(1,1,1),(1,1,1)} \oplus 186V^{(2,2),\varnothing} \oplus 448V^{(2,2),(1)} \oplus 10V^{(2,2),(2)} \oplus 19V^{(2,2),(1,1)} \oplus 336V^{(2,1,1),\varnothing} \oplus 592V^{(2,1,1),(1)} \oplus 13V^{(2,1,1),(2)} \oplus 25V^{(2,1,1),(1,1)} \oplus 336V^{(1,1,1,1),\varnothing} \oplus 592V^{(1,1,1,1),(1)} \oplus 13V^{(1,1,1,1),(2)} \oplus 25V^{(1,1,1,1),(1,1)} \oplus 88V^{(2,2,1),\varnothing} \oplus 7V^{(2,2,1),(1)} \oplus 164V^{(2,1,1,1),\varnothing} \oplus 9V^{(2,1,1,1),(1)} \oplus 88V^{(1,1,1,1,1),\varnothing} \oplus 7V^{(1,1,1,1,1),(1)} \oplus V^{(2,2,1,1),\varnothing} \oplus V^{(2,1,1,1,1),\varnothing}$
$k = 7: \quad 196V^{\varnothing,(1)} \oplus 140V^{\varnothing,(2)} \oplus 140V^{\varnothing,(1,1)} \oplus 84V^{\varnothing,(2,1)} \oplus 84V^{\varnothing,(1,1,1)} \oplus 42V^{\varnothing,(2,1,1)} \oplus 42V^{\varnothing,(1,1,1,1)} \oplus 28V^{\varnothing,(2,1,1,1)} \oplus 28V^{\varnothing,(1,1,1,1,1)} \oplus 14V^{\varnothing,(2,1,1,1,1)} \oplus 14V^{\varnothing,(1,1,1,1,1,1)} \oplus 36V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2580V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1200V^{(1),(2,1)} \oplus 1360V^{(1),(1,1,1)} \oplus 550V^{(1),(2,1,1)} \oplus 650V^{(1),(1,1,1,1)} \oplus 204V^{(1),(2,1,1,1)} \oplus 256V^{(1),(1,1,1,1,1)} \oplus 3V^{(1),(2,1,1,1,1)} \oplus 3V^{(1),(1,1,1,1,1,1)} \oplus 30V^{(2),\varnothing} \oplus 2580V^{(2),(1)} \oplus 1208V^{(2),(2)} \oplus 1328V^{(2),(1,1)} \oplus 528V^{(2),(2,1)} \oplus 606V^{(2),(1,1,1)} \oplus 140V^{(2),(2,1,1)} \oplus 176V^{(2),(1,1,1,1)} \oplus 6V^{(2),(2,1,1,1)} \oplus 7V^{(2),(1,1,1,1,1)} \oplus 30V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1316V^{(1,1),(2)} \oplus 1544V^{(1,1),(1,1)} \oplus 594V^{(1,1),(2,1)} \oplus 738V^{(1,1),(1,1,1)} \oplus 168V^{(1,1),(2,1,1)} \oplus 232V^{(1,1),(1,1,1,1)} \oplus 9V^{(1,1),(2,1,1,1)} \oplus 11V^{(1,1),(1,1,1,1,1)} \oplus 24V^{(2,1),\varnothing} \oplus 1360V^{(2,1),(1)} \oplus 582V^{(2,1),(2)} \oplus 714V^{(2,1),(1,1)} \oplus 160V^{(2,1),(2,1)} \oplus 220V^{(2,1),(1,1,1)} \oplus 19V^{(2,1),(2,1,1)} \oplus 25V^{(2,1),(1,1,1,1)} \oplus 24V^{(1,1,1),\varnothing} \oplus 1360V^{(1,1,1),(1)} \oplus 594V^{(1,1,1),(2)} \oplus 738V^{(1,1,1),(1,1)} \oplus 168V^{(1,1,1),(2,1)} \oplus 236V^{(1,1,1),(1,1,1)} \oplus 21V^{(1,1,1),(2,1,1)} \oplus 29V^{(1,1,1),(1,1,1,1)} \oplus 18V^{(2,2),\varnothing} \oplus 550V^{(2,2),(1)} \oplus 132V^{(2,2),(2)} \oplus 160V^{(2,2),(1,1)} \oplus 10V^{(2,2),(2,1)} \oplus 19V^{(2,2),(1,1,1)} \oplus 18V^{(2,1,1),\varnothing} \oplus 650V^{(2,1,1),(1)} \oplus 160V^{(2,1,1),(2)} \oplus$

Table 195: Table for $\lambda = (2,2,1,1,1)$, $\mu = (1,1,1,1,1,1,1)$:

$k = 14: \quad 5V^{\varnothing,\varnothing}$
$k = 13: \quad 6586V^{\varnothing,\varnothing} \oplus 170V^{\varnothing,(1)} \oplus 14V^{(1),\varnothing}$
$k = 12:$ $12696V^{\varnothing,\varnothing} \oplus 3956V^{\varnothing,(1)} \oplus 64V^{\varnothing,(1,1)} \oplus 4696V^{(1),\varnothing} \oplus 1057V^{(1),(1)} \oplus 9V^{(2),\varnothing} \oplus 12V^{(1,1),\varnothing}$
$k = 11: \quad 12952V^{\varnothing,\varnothing} \oplus 7104V^{\varnothing,(1)} \oplus 1488V^{\varnothing,(1,1)} \oplus 22V^{\varnothing,(1,1,1)} \oplus 8655V^{(1),\varnothing} \oplus 8344V^{(1),(1)} \oplus 337V^{(1),(1,1)} \oplus 1042V^{(2),\varnothing} \oplus 186V^{(2),(1)} \oplus 1926V^{(1,1),\varnothing} \oplus 195V^{(1,1),(1)} \oplus 8V^{(2,1),\varnothing} \oplus 9V^{(1,1,1),\varnothing}$
$k = 10: \quad 9874V^{\varnothing,\varnothing} \oplus 6148V^{\varnothing,(1)} \oplus 2440V^{\varnothing,(1,1)} \oplus 598V^{\varnothing,(1,1,1)} \oplus 8V^{\varnothing,(1,1,1,1)} \oplus 7904V^{(1),\varnothing} \oplus 14866V^{(1),(1)} \oplus 2944V^{(1),(1,1)} \oplus 97V^{(1),(1,1,1)} \oplus 1711V^{(2),\varnothing} \oplus 2588V^{(2),(1)} \oplus 186V^{(2),(1,1)} \oplus 3229V^{(1,1),\varnothing} \oplus 2976V^{(1,1),(1)} \oplus 195V^{(1,1),(1,1)} \oplus 742V^{(2,1),\varnothing} \oplus 43V^{(2,1),(1)} \oplus 794V^{(1,1,1),\varnothing} \oplus 45V^{(1,1,1),(1)} \oplus 4V^{(2,2),\varnothing} \oplus 6V^{(2,1,1),\varnothing} \oplus 6V^{(1,1,1,1),\varnothing}$
$k = 9:$ $4454V^{\varnothing,\varnothing} \oplus 4316V^{\varnothing,(1)} \oplus 1760V^{\varnothing,(1,1)} \oplus 802V^{\varnothing,(1,1,1)} \oplus 260V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(1,1,1,1,1)} \oplus 4945V^{(1),\varnothing} \oplus 14416V^{(1),(1)} \oplus 4974V^{(1),(1,1)} \oplus 1120V^{(1),(1,1,1)} \oplus 25V^{(1),(1,1,1,1)} \oplus 1216V^{(2),\varnothing} \oplus 4488V^{(2),(1)} \oplus 936V^{(2),(1,1)} \oplus 66V^{(2),(1,1,1)} \oplus 2336V^{(1,1),\varnothing} \oplus 5082V^{(1,1),(1)} \oplus 1092V^{(1,1),(1,1)} \oplus 75V^{(1,1),(1,1,1)} \oplus 1009V^{(2,1),\varnothing} \oplus 1096V^{(2,1),(1)} \oplus 43V^{(2,1),(1,1)} \oplus 1059V^{(1,1,1),\varnothing} \oplus 1136V^{(1,1,1),(1)} \oplus 45V^{(1,1,1),(1,1)} \oplus 182V^{(2,2),\varnothing} \oplus 10V^{(2,2),(1)} \oplus 360V^{(2,1,1),\varnothing} \oplus 13V^{(2,1,1),(1)} \oplus 360V^{(1,1,1,1),\varnothing} \oplus 13V^{(1,1,1,1),(1)} \oplus 3V^{(2,2,1),\varnothing} \oplus 4V^{(2,1,1,1),\varnothing} \oplus 3V^{(1,1,1,1,1),\varnothing}$
$k = 8:$ $720V^{\varnothing,\varnothing} \oplus 1560V^{\varnothing,(1)} \oplus 888V^{\varnothing,(1,1)} \oplus 428V^{\varnothing,(1,1,1)} \oplus 234V^{\varnothing,(1,1,1,1)} \oplus 104V^{\varnothing,(1,1,1,1,1)} \oplus V^{\varnothing,(1,1,1,1,1,1)} \oplus 1446V^{(1),\varnothing} \oplus 10532V^{(1),(1)} \oplus 4304V^{(1),(1,1)} \oplus 1722V^{(1),(1,1,1)} \oplus 448V^{(1),(1,1,1,1)} \oplus 7V^{(1),(1,1,1,1,1)} \oplus 473V^{(2),\varnothing} \oplus 3984V^{(2),(1)} \oplus 1508V^{(2),(1,1)} \oplus 356V^{(2),(1,1,1)} \oplus 18V^{(2),(1,1,1,1)} \oplus 941V^{(1,1),\varnothing} \oplus 4352V^{(1,1),(1)} \oplus 1718V^{(1,1),(1,1)} \oplus 424V^{(1,1),(1,1,1)} \oplus 27V^{(1,1),(1,1,1,1)} \oplus 524V^{(2,1),\varnothing} \oplus 1722V^{(2,1),(1)} \oplus 396V^{(2,1),(1,1)} \oplus 43V^{(2,1),(1,1,1)} \oplus 524V^{(1,1,1),\varnothing} \oplus 1758V^{(1,1,1),(1)} \oplus 412V^{(1,1,1),(1,1)} \oplus 45V^{(1,1,1),(1,1,1)} \oplus 153V^{(2,2),\varnothing} \oplus 376V^{(2,2),(1)} \oplus 10V^{(2,2),(1,1)} \oplus 303V^{(2,1,1),\varnothing} \oplus 448V^{(2,1,1),(1)} \oplus 13V^{(2,1,1),(1,1)} \oplus 303V^{(1,1,1,1),\varnothing} \oplus 448V^{(1,1,1,1),(1)} \oplus 13V^{(1,1,1,1),(1,1)} \oplus 78V^{(2,2,1),\varnothing} \oplus 4V^{(2,2,1),(1)} \oplus 154V^{(2,1,1,1),\varnothing} \oplus 5V^{(2,1,1,1),(1)} \oplus 78V^{(1,1,1,1,1),\varnothing} \oplus 4V^{(1,1,1,1,1),(1)} \oplus 2V^{(2,2,1,1),\varnothing} \oplus 2V^{(2,1,1,1,1),\varnothing}$
$k = 7: \quad 196V^{\varnothing,(1)} \oplus 140V^{\varnothing,(1,1)} \oplus 84V^{\varnothing,(1,1,1)} \oplus 42V^{\varnothing,(1,1,1,1)} \oplus 28V^{\varnothing,(1,1,1,1,1)} \oplus 14V^{\varnothing,(1,1,1,1,1,1)} \oplus V^{(1),\varnothing} \oplus 4560V^{(1),(1)} \oplus 2580V^{(1),(1,1)} \oplus 1200V^{(1),(1,1,1)} \oplus 550V^{(1),(1,1,1,1)} \oplus 204V^{(1),(1,1,1,1,1)} \oplus 3V^{(1),(1,1,1,1,1,1)} \oplus V^{(2),\varnothing} \oplus 2460V^{(2),(1)} \oplus 1208V^{(2),(1,1)} \oplus 528V^{(2),(1,1,1)} \oplus 140V^{(2),(1,1,1,1)} \oplus 6V^{(2),(1,1,1,1,1)} \oplus V^{(1,1),\varnothing} \oplus 2580V^{(1,1),(1)} \oplus 1316V^{(1,1),(1,1)} \oplus 594V^{(1,1),(1,1,1)} \oplus 168V^{(1,1),(1,1,1,1)} \oplus 9V^{(1,1),(1,1,1,1,1)} \oplus V^{(2,1),\varnothing} \oplus 1200V^{(2,1),(1)} \oplus 582V^{(2,1),(1,1)} \oplus 160V^{(2,1),(1,1,1)} \oplus 19V^{(2,1),(1,1,1,1)} \oplus V^{(1,1,1),\varnothing} \oplus 1200V^{(1,1,1),(1)} \oplus 594V^{(1,1,1),(1,1)} \oplus 168V^{(1,1,1),(1,1,1)} \oplus 21V^{(1,1,1),(1,1,1,1)} \oplus V^{(2,2),\varnothing} \oplus 500V^{(2,2),(1)} \oplus 132V^{(2,2),(1,1)} \oplus 10V^{(2,2),(1,1,1)} \oplus V^{(2,1,1),\varnothing} \oplus 550V^{(2,1,1),(1)} \oplus 160V^{(2,1,1),(1,1)} \oplus 13V^{(2,1,1),(1,1,1)} \oplus V^{(1,1,1,1),\varnothing} \oplus 550V^{(1,1,1,1),(1)} \oplus 160V^{(1,1,1,1),(1,1)} \oplus 13V^{(1,1,1,1),(1,1,1)} \oplus V^{(2,2,1),\varnothing} \oplus 178V^{(2,2,1),(1)} \oplus 4V^{(2,2,1),(1,1)} \oplus V^{(2,1,1,1),\varnothing} \oplus 204V^{(2,1,1,1),(1)} \oplus 5V^{(2,1,1,1),(1,1)} \oplus V^{(1,1,1,1,1),\varnothing} \oplus 178V^{(1,1,1,1,1),(1)} \oplus 4V^{(1,1,1,1,1),(1,1)} \oplus V^{(2,2,1,1),\varnothing} \oplus 2V^{(2,2,1,1),(1)} \oplus V^{(2,1,1,1,1),\varnothing} \oplus 2V^{(2,1,1,1,1),(1)} \oplus V^{(2,2,1,1,1),\varnothing}$
$k = 6: \quad 720V^{(1),(1)} \oplus 720V^{(1),(1,1)} \oplus 468V^{(1),(1,1,1)} \oplus 260V^{(1),(1,1,1,1)} \oplus 150V^{(1),(1,1,1,1,1)} \oplus 76V^{(1),(1,1,1,1,1,1)} \oplus V^{(1),(1,1,1,1,1,1,1)} \oplus 720V^{(2),(1)} \oplus 624V^{(2),(1,1)} \oplus 344V^{(2),(1,1,1)} \oplus 168V^{(2),(1,1,1,1)} \oplus 62V^{(2),(1,1,1,1,1)} \oplus 2V^{(2),(1,1,1,1,1,1)} \oplus 720V^{(1,1),(1)} \oplus 648V^{(1,1),(1,1)} \oplus 368V^{(1,1),(1,1,1)} \oplus 186V^{(1,1),(1,1,1,1)} \oplus 72V^{(1,1),(1,1,1,1,1)} \oplus 3V^{(1,1),(1,1,1,1,1,1)} \oplus 468V^{(2,1),(1)} \oplus 368V^{(2,1),(1,1)} \oplus 206V^{(2,1),(1,1,1)} \oplus 64V^{(2,1),(1,1,1,1)} \oplus 7V^{(2,1),(1,1,1,1,1)} \oplus 468V^{(1,1,1),(1)} \oplus 368V^{(1,1,1),(1,1)} \oplus 210V^{(1,1,1),(1,1,1)} \oplus$

Table 196: Table for $\lambda = (2,1,1,1,1,1)$, $\mu = (7,)$:

$k = 14: \quad 2V^{\varnothing,\varnothing}$
$k = 13: \quad 6458V^{\varnothing,\varnothing} \oplus 61V^{\varnothing,(1)} \oplus 11V^{(1),\varnothing}$
$k = 12:$ $12506V^{\varnothing,\varnothing} \oplus 3266V^{\varnothing,(1)} \oplus 35V^{\varnothing,(2)} \oplus 4648V^{(1),\varnothing} \oplus 1027V^{(1),(1)} \oplus 5V^{(2),\varnothing} \oplus 9V^{(1,1),\varnothing}$
$k = 11: \quad 12836V^{\varnothing,\varnothing} \oplus 5880V^{\varnothing,(1)} \oplus 1264V^{\varnothing,(2)} \oplus 18V^{\varnothing,(3)} \oplus 8595V^{(1),\varnothing} \oplus 8152V^{(1),(1)} \oplus$ $307V^{(1),(2)} \oplus 914V^{(2),\varnothing} \oplus 154V^{(2),(1)} \oplus 1802V^{(1,1),\varnothing} \oplus 187V^{(1,1),(1)} \oplus 4V^{(2,1),\varnothing} \oplus 7V^{(1,1,1),\varnothing}$
$k = 10: \quad 9836V^{\varnothing,\varnothing} \oplus 5108V^{\varnothing,(1)} \oplus 2040V^{\varnothing,(2)} \oplus 518V^{\varnothing,(3)} \oplus 8V^{\varnothing,(4)} \oplus 7880V^{(1),\varnothing} \oplus$ $14710V^{(1),(1)} \oplus 2848V^{(1),(2)} \oplus 67V^{(1),(3)} \oplus 1543V^{(2),\varnothing} \oplus 2412V^{(2),(1)} \oplus 154V^{(2),(2)} \oplus$ $3061V^{(1,1),\varnothing} \oplus 2848V^{(1,1),(1)} \oplus 187V^{(1,1),(2)} \oplus 376V^{(2,1),\varnothing} \oplus 34V^{(2,1),(1)} \oplus$ $742V^{(1,1,1),\varnothing} \oplus 43V^{(1,1,1),(1)} \oplus 3V^{(2,1,1),\varnothing} \oplus 5V^{(1,1,1,1),\varnothing}$
$k = 9:$ $4440V^{\varnothing,\varnothing} \oplus 3060V^{\varnothing,(1)} \oplus 1440V^{\varnothing,(2)} \oplus 658V^{\varnothing,(3)} \oplus 228V^{\varnothing,(4)} \oplus 3V^{\varnothing,(5)} \oplus 4945V^{(1),\varnothing} \oplus$ $14380V^{(1),(1)} \oplus 4938V^{(1),(2)} \oplus 1096V^{(1),(3)} \oplus 19V^{(1),(4)} \oplus 1136V^{(2),\varnothing} \oplus 4344V^{(2),(1)} \oplus$ $856V^{(2),(2)} \oplus 34V^{(2),(3)} \oplus 2256V^{(1,1),\varnothing} \oplus 4938V^{(1,1),(1)} \oplus 1036V^{(1,1),(2)} \oplus 67V^{(1,1),(3)} \oplus$ $509V^{(2,1),\varnothing} \oplus 928V^{(2,1),(1)} \oplus 34V^{(2,1),(2)} \oplus 1009V^{(1,1,1),\varnothing} \oplus 1096V^{(1,1,1),(1)} \oplus 43V^{(1,1,1),(2)} \oplus$ $182V^{(2,1,1),\varnothing} \oplus 10V^{(2,1,1),(1)} \oplus 360V^{(1,1,1,1),\varnothing} \oplus 13V^{(1,1,1,1),(1)} \oplus 2V^{(2,1,1,1),\varnothing} \oplus 3V^{(1,1,1,1,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 900V^{\varnothing,(1)} \oplus 588V^{\varnothing,(2)} \oplus 332V^{\varnothing,(3)} \oplus 186V^{\varnothing,(4)} \oplus 88V^{\varnothing,(5)} \oplus$ $V^{\varnothing,(6)} \oplus 1446V^{(1),\varnothing} \oplus 10532V^{(1),(1)} \oplus 4304V^{(1),(2)} \oplus 1722V^{(1),(3)} \oplus 448V^{(1),(4)} \oplus$ $7V^{(1),(5)} \oplus 473V^{(2),\varnothing} \oplus 3936V^{(2),(1)} \oplus 1460V^{(2),(2)} \oplus 328V^{(2),(3)} \oplus 10V^{(2),(4)} \oplus$ $941V^{(1,1),\varnothing} \oplus 4304V^{(1,1),(1)} \oplus 1670V^{(1,1),(2)} \oplus 396V^{(1,1),(3)} \oplus 19V^{(1,1),(4)} \oplus 264V^{(2,1),\varnothing} \oplus$ $1536V^{(2,1),(1)} \oplus 328V^{(2,1),(2)} \oplus 34V^{(2,1),(3)} \oplus 524V^{(1,1,1),\varnothing} \oplus 1722V^{(1,1,1),(1)} \oplus$ $396V^{(1,1,1),(2)} \oplus 43V^{(1,1,1),(3)} \oplus 153V^{(2,1,1),\varnothing} \oplus 376V^{(2,1,1),(1)} \oplus 10V^{(2,1,1),(2)} \oplus$ $303V^{(1,1,1,1),\varnothing} \oplus 448V^{(1,1,1,1),(1)} \oplus 13V^{(1,1,1,1),(2)} \oplus 78V^{(2,1,1,1),\varnothing} \oplus 4V^{(2,1,1,1),(1)} \oplus$ $154V^{(1,1,1,1,1),\varnothing} \oplus 5V^{(1,1,1,1,1),(1)} \oplus V^{(2,1,1,1,1),\varnothing} \oplus V^{(1,1,1,1,1,1),\varnothing}$
$k = 7: \quad 36V^{\varnothing,(1)} \oplus 30V^{\varnothing,(2)} \oplus 24V^{\varnothing,(3)} \oplus 18V^{\varnothing,(4)} \oplus 12V^{\varnothing,(5)} \oplus 6V^{\varnothing,(6)} \oplus V^{(1),\varnothing} \oplus$ $4560V^{(1),(1)} \oplus 2580V^{(1),(2)} \oplus 1200V^{(1),(3)} \oplus 550V^{(1),(4)} \oplus 204V^{(1),(5)} \oplus 3V^{(1),(6)} \oplus$ $V^{(2),\varnothing} \oplus 2460V^{(2),(1)} \oplus 1196V^{(2),(2)} \oplus 516V^{(2),(3)} \oplus 132V^{(2),(4)} \oplus 4V^{(2),(5)} \oplus V^{(1,1),\varnothing} \oplus$ $2580V^{(1,1),(1)} \oplus 1304V^{(1,1),(2)} \oplus 582V^{(1,1),(3)} \oplus 160V^{(1,1),(4)} \oplus 7V^{(1,1),(5)} \oplus V^{(2,1),\varnothing} \oplus$ $1120V^{(2,1),(1)} \oplus 516V^{(2,1),(2)} \oplus 130V^{(2,1),(3)} \oplus 10V^{(2,1),(4)} \oplus V^{(1,1,1),\varnothing} \oplus 1200V^{(1,1,1),(1)} \oplus$ $582V^{(1,1,1),(2)} \oplus 160V^{(1,1,1),(3)} \oplus 19V^{(1,1,1),(4)} \oplus V^{(2,1,1),\varnothing} \oplus 500V^{(2,1,1),(1)} \oplus 132V^{(2,1,1),(2)} \oplus$ $10V^{(2,1,1),(3)} \oplus V^{(1,1,1,1),\varnothing} \oplus 550V^{(1,1,1,1),(1)} \oplus 160V^{(1,1,1,1),(2)} \oplus 13V^{(1,1,1,1),(3)} \oplus$ $V^{(2,1,1,1),\varnothing} \oplus 178V^{(2,1,1,1),(1)} \oplus 4V^{(2,1,1,1),(2)} \oplus V^{(1,1,1,1,1),\varnothing} \oplus 204V^{(1,1,1,1,1),(1)} \oplus$ $5V^{(1,1,1,1,1),(2)} \oplus V^{(2,1,1,1,1),\varnothing} \oplus 2V^{(2,1,1,1,1),(1)} \oplus V^{(1,1,1,1,1,1),\varnothing} \oplus 2V^{(1,1,1,1,1,1),(1)}$
$k = 6: \quad 720V^{(1),(1)} \oplus 720V^{(1),(2)} \oplus 468V^{(1),(3)} \oplus 260V^{(1),(4)} \oplus 150V^{(1),(5)} \oplus$ $76V^{(1),(6)} \oplus V^{(1),(7)} \oplus 720V^{(2),(1)} \oplus 624V^{(2),(2)} \oplus 344V^{(2),(3)} \oplus 168V^{(2),(4)} \oplus 62V^{(2),(5)} \oplus$ $2V^{(2),(6)} \oplus 720V^{(1,1),(1)} \oplus 648V^{(1,1),(2)} \oplus 368V^{(1,1),(3)} \oplus 186V^{(1,1),(4)} \oplus 72V^{(1,1),(5)} \oplus$ $3V^{(1,1),(6)} \oplus 468V^{(2,1),(1)} \oplus 344V^{(2,1),(2)} \oplus 184V^{(2,1),(3)} \oplus 52V^{(2,1),(4)} \oplus 4V^{(2,1),(5)} \oplus$ $468V^{(1,1,1),(1)} \oplus 368V^{(1,1,1),(2)} \oplus 206V^{(1,1,1),(3)} \oplus 64V^{(1,1,1),(4)} \oplus 7V^{(1,1,1),(5)} \oplus$ $260V^{(2,1,1),(1)} \oplus 168V^{(2,1,1),(2)} \oplus 52V^{(2,1,1),(3)} \oplus 10V^{(2,1,1),(4)} \oplus 260V^{(1,1,1,1),(1)} \oplus$ $186V^{(1,1,1,1),(2)} \oplus 64V^{(1,1,1,1),(3)} \oplus 13V^{(1,1,1,1),(4)} \oplus 150V^{(2,1,1,1),(1)} \oplus 62V^{(2,1,1,1),(2)} \oplus$ $4V^{(2,1,1,1),(3)} \oplus 150V^{(1,1,1,1,1),(1)} \oplus 72V^{(1,1,1,1,1),(2)} \oplus 5V^{(1,1,1,1,1),(3)} \oplus 76V^{(2,1,1,1,1),(1)} \oplus$ $2V^{(2,1,1,1,1),(2)} \oplus 76V^{(1,1,1,1,1,1),(1)} \oplus 2V^{(1,1,1,1,1,1),(2)} \oplus V^{(2,1,1,1,1,1),(1)}$
$k = 5: \quad 120V^{(2),(2)} \oplus 120V^{(2),(3)} \oplus 80V^{(2),(4)} \oplus 50V^{(2),(5)} \oplus 26V^{(2),(6)} \oplus V^{(2),(7)} \oplus$ $120V^{(1,1),(2)} \oplus 120V^{(1,1),(3)} \oplus 80V^{(1,1),(4)} \oplus 50V^{(1,1),(5)} \oplus 26V^{(1,1),(6)} \oplus V^{(1,1),(7)} \oplus$ $120V^{(2,1),(2)} \oplus 102V^{(2,1),(3)} \oplus 60V^{(2,1),(4)} \oplus 24V^{(2,1),(5)} \oplus 2V^{(2,1),(6)} \oplus 120V^{(1,1,1),(2)} \oplus$ $108V^{(1,1,1),(3)} \oplus 66V^{(1,1,1),(4)} \oplus 28V^{(1,1,1),(5)} \oplus 3V^{(1,1,1),(6)} \oplus 80V^{(2,1,1),(2)} \oplus$

Table 197: Table for $\lambda = (2,1,1,1,1,1)$, $\mu = (6,1)$:

$k = 14: \quad 7V^{\varnothing,\varnothing}$
$k = 13: \quad 7564V^{\varnothing,\varnothing} \oplus 96V^{\varnothing,(1)} \oplus 96V^{(1),\varnothing}$
$k = 12: \quad 14470V^{\varnothing,\varnothing} \oplus 6076V^{\varnothing,(1)} \oplus 53V^{\varnothing,(2)} \oplus 35V^{\varnothing,(1,1)} \oplus 6076V^{(1),\varnothing} \oplus 1333V^{(1),(1)} \oplus 35V^{(2),\varnothing} \oplus 53V^{(1,1),\varnothing}$
$k = 11: \quad 14344V^{\varnothing,\varnothing} \oplus 10860V^{\varnothing,(1)} \oplus 2372V^{\varnothing,(2)} \oplus 1264V^{\varnothing,(1,1)} \oplus 26V^{\varnothing,(3)} \oplus 18V^{\varnothing,(2,1)} \oplus 10860V^{(1),\varnothing} \oplus 10528V^{(1),(1)} \oplus 373V^{(1),(2)} \oplus 307V^{(1),(1,1)} \oplus 1264V^{(2),\varnothing} \oplus 307V^{(2),(1)} \oplus 2372V^{(1,1),\varnothing} \oplus 373V^{(1,1),(1)} \oplus 18V^{(2,1),\varnothing} \oplus 26V^{(1,1,1),\varnothing}$
$k = 10: \quad 10532V^{\varnothing,\varnothing} \oplus 9436V^{\varnothing,(1)} \oplus 3780V^{\varnothing,(2)} \oplus 2040V^{\varnothing,(1,1)} \oplus 976V^{\varnothing,(3)} \oplus 518V^{\varnothing,(2,1)} \oplus 11V^{\varnothing,(4)} \oplus 8V^{\varnothing,(3,1)} \oplus 9436V^{(1),\varnothing} \oplus 18170V^{(1),(1)} \oplus 3720V^{(1),(2)} \oplus 2848V^{(1),(1,1)} \oplus 85V^{(1),(3)} \oplus 67V^{(1),(2,1)} \oplus 2040V^{(2),\varnothing} \oplus 2848V^{(2),(1)} \oplus 187V^{(2),(2)} \oplus 154V^{(2),(1,1)} \oplus 3780V^{(1,1),\varnothing} \oplus 3720V^{(1,1),(1)} \oplus 253V^{(1,1),(2)} \oplus 187V^{(1,1),(1,1)} \oplus 518V^{(2,1),\varnothing} \oplus 67V^{(2,1),(1)} \oplus 976V^{(1,1,1),\varnothing} \oplus 85V^{(1,1,1),(1)} \oplus 8V^{(2,1,1),\varnothing} \oplus 11V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 4560V^{\varnothing,\varnothing} \oplus 5640V^{\varnothing,(1)} \oplus 2640V^{\varnothing,(2)} \oplus 1440V^{\varnothing,(1,1)} \oplus 1208V^{\varnothing,(3)} \oplus 658V^{\varnothing,(2,1)} \oplus 432V^{\varnothing,(4)} \oplus 228V^{\varnothing,(3,1)} \oplus 4V^{\varnothing,(5)} \oplus 3V^{\varnothing,(4,1)} \oplus 5640V^{(1),\varnothing} \oplus 17012V^{(1),(1)} \oplus 6126V^{(1),(2)} \oplus 4938V^{(1),(1,1)} \oplus 1432V^{(1),(3)} \oplus 1096V^{(1),(2,1)} \oplus 25V^{(1),(4)} \oplus 19V^{(1),(3,1)} \oplus 1440V^{(2),\varnothing} \oplus 4938V^{(2),(1)} \oplus 1036V^{(2),(2)} \oplus 856V^{(2),(1,1)} \oplus 43V^{(2),(3)} \oplus 34V^{(2),(2,1)} \oplus 2640V^{(1,1),\varnothing} \oplus 6126V^{(1,1),(1)} \oplus 1396V^{(1,1),(2)} \oplus 1036V^{(1,1),(1,1)} \oplus 85V^{(1,1),(3)} \oplus 67V^{(1,1),(2,1)} \oplus 658V^{(2,1),\varnothing} \oplus 1096V^{(2,1),(1)} \oplus 67V^{(2,1),(2)} \oplus 34V^{(2,1),(1,1)} \oplus 1208V^{(1,1,1),\varnothing} \oplus 1432V^{(1,1,1),(1)} \oplus 85V^{(1,1,1),(2)} \oplus 43V^{(1,1,1),(1,1)} \oplus 228V^{(2,1,1),\varnothing} \oplus 19V^{(2,1,1),(1)} \oplus 432V^{(1,1,1,1),\varnothing} \oplus 25V^{(1,1,1,1),(1)} \oplus 3V^{(2,1,1,1),\varnothing} \oplus 4V^{(1,1,1,1,1),\varnothing}$
$k = 8:$ $720V^{\varnothing,\varnothing} \oplus 1620V^{\varnothing,(1)} \oplus 1056V^{\varnothing,(2)} \oplus 588V^{\varnothing,(1,1)} \oplus 592V^{\varnothing,(3)} \oplus 332V^{\varnothing,(2,1)} \oplus 336V^{\varnothing,(4)} \oplus 186V^{\varnothing,(3,1)} \oplus 164V^{\varnothing,(5)} \oplus 88V^{\varnothing,(4,1)} \oplus V^{\varnothing,(6)} \oplus V^{\varnothing,(5,1)} \oplus 1620V^{(1),\varnothing} \oplus 11828V^{(1),(1)} \oplus 5040V^{(1),(2)} \oplus 4304V^{(1),(1,1)} \oplus 2094V^{(1),(3)} \oplus 1722V^{(1),(2,1)} \oplus 592V^{(1),(4)} \oplus 448V^{(1),(3,1)} \oplus 9V^{(1),(5)} \oplus 7V^{(1),(4,1)} \oplus 588V^{(2),\varnothing} \oplus 4304V^{(2),(1)} \oplus 1670V^{(2),(2)} \oplus 1460V^{(2),(1,1)} \oplus 396V^{(2),(3)} \oplus 328V^{(2),(2,1)} \oplus 13V^{(2),(4)} \oplus 10V^{(2),(3,1)} \oplus 1056V^{(1,1),\varnothing} \oplus 5040V^{(1,1),(1)} \oplus 2090V^{(1,1),(2)} \oplus 1670V^{(1,1),(1,1)} \oplus 532V^{(1,1),(3)} \oplus 396V^{(1,1),(2,1)} \oplus 25V^{(1,1),(4)} \oplus 19V^{(1,1),(3,1)} \oplus 332V^{(2,1),\varnothing} \oplus 1722V^{(2,1),(1)} \oplus 396V^{(2,1),(2)} \oplus 328V^{(2,1),(1,1)} \oplus 43V^{(2,1),(3)} \oplus 34V^{(2,1),(2,1)} \oplus 592V^{(1,1,1),\varnothing} \oplus 2094V^{(1,1,1),(1)} \oplus 532V^{(1,1,1),(2)} \oplus 396V^{(1,1,1),(1,1)} \oplus 61V^{(1,1,1),(3)} \oplus 43V^{(1,1,1),(2,1)} \oplus 186V^{(2,1,1),\varnothing} \oplus 448V^{(2,1,1),(1)} \oplus 19V^{(2,1,1),(2)} \oplus 10V^{(2,1,1),(1,1)} \oplus 336V^{(1,1,1,1),\varnothing} \oplus 592V^{(1,1,1,1),(1)} \oplus 25V^{(1,1,1,1),(2)} \oplus 13V^{(1,1,1,1),(1,1)} \oplus 88V^{(2,1,1,1),\varnothing} \oplus 7V^{(2,1,1,1),(1)} \oplus 164V^{(1,1,1,1,1),\varnothing} \oplus 9V^{(1,1,1,1,1),(1)} \oplus V^{(2,1,1,1,1),\varnothing} \oplus V^{(1,1,1,1,1,1),\varnothing}$
$k = 7: \quad 36V^{\varnothing,(1)} \oplus 30V^{\varnothing,(2)} \oplus 30V^{\varnothing,(1,1)} \oplus 24V^{\varnothing,(3)} \oplus 24V^{\varnothing,(2,1)} \oplus 18V^{\varnothing,(4)} \oplus 18V^{\varnothing,(3,1)} \oplus 12V^{\varnothing,(5)} \oplus 12V^{\varnothing,(4,1)} \oplus 6V^{\varnothing,(6)} \oplus 6V^{\varnothing,(5,1)} \oplus 36V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2580V^{(1),(1,1)} \oplus 1360V^{(1),(3)} \oplus 1200V^{(1),(2,1)} \oplus 650V^{(1),(4)} \oplus 550V^{(1),(3,1)} \oplus 256V^{(1),(5)} \oplus 204V^{(1),(4,1)} \oplus 3V^{(1),(6)} \oplus 3V^{(1),(5,1)} \oplus 30V^{(2),\varnothing} \oplus 2580V^{(2),(1)} \oplus 1304V^{(2),(2)} \oplus 1196V^{(2),(1,1)} \oplus 582V^{(2),(3)} \oplus 516V^{(2),(2,1)} \oplus 160V^{(2),(4)} \oplus 132V^{(2),(3,1)} \oplus 5V^{(2),(5)} \oplus 4V^{(2),(4,1)} \oplus 30V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1520V^{(1,1),(2)} \oplus 1304V^{(1,1),(1,1)} \oplus 714V^{(1,1),(3)} \oplus 582V^{(1,1),(2,1)} \oplus 216V^{(1,1),(4)} \oplus 160V^{(1,1),(3,1)} \oplus 9V^{(1,1),(5)} \oplus 7V^{(1,1),(4,1)} \oplus 24V^{(2,1),\varnothing} \oplus 1200V^{(2,1),(1)} \oplus 582V^{(2,1),(2)} \oplus 516V^{(2,1),(1,1)} \oplus 160V^{(2,1),(3)} \oplus 130V^{(2,1),(2,1)} \oplus 13V^{(2,1),(4)} \oplus 10V^{(2,1),(3,1)} \oplus 24V^{(1,1,1),\varnothing} \oplus 1360V^{(1,1,1),(1)} \oplus 714V^{(1,1,1),(2)} \oplus 582V^{(1,1,1),(1,1)} \oplus 220V^{(1,1,1),(3)} \oplus 160V^{(1,1,1),(2,1)} \oplus 25V^{(1,1,1),(4)} \oplus 19V^{(1,1,1),(3,1)} \oplus 18V^{(2,1,1),\varnothing} \oplus 550V^{(2,1,1),(1)} \oplus 160V^{(2,1,1),(2)} \oplus 132V^{(2,1,1),(1,1)} \oplus 19V^{(2,1,1),(3)} \oplus 10V^{(2,1,1),(2,1)} \oplus 18V^{(1,1,1,1),\varnothing} \oplus 650V^{(1,1,1,1),(1)} \oplus 216V^{(1,1,1,1),(2)} \oplus 160V^{(1,1,1,1),(1,1)} \oplus 25V^{(1,1,1,1),(3)} \oplus 13V^{(1,1,1,1),(2,1)} \oplus 12V^{(2,1,1,1),\varnothing} \oplus 204V^{(2,1,1,1),(1)} \oplus 7V^{(2,1,1,1),(2)} \oplus 4V^{(2,1,1,1),(1,1)} \oplus 12V^{(1,1,1,1,1),\varnothing} \oplus 256V^{(1,1,1,1,1),(1)} \oplus 9V^{(1,1,1,1,1),(2)} \oplus 5V^{(1,1,1,1,1),(1,1)} \oplus 6V^{(2,1,1,1,1),\varnothing} \oplus 3V^{(2,1,1,1,1),(1)} \oplus 6V^{(1,1,1,1,1,1),\varnothing} \oplus 3V^{(1,1,1,1,1,1),(1)}$

Table 198: Table for $\lambda = (2,1,1,1,1,1)$, $\mu = (5,2)$:

$k = 14: \quad 7V^{\varnothing,\varnothing}$
$k = 13: \quad 7612V^{\varnothing,\varnothing} \oplus 111V^{\varnothing,(1)} \oplus 234V^{(1),\varnothing}$
$k = 12: \quad 14566V^{\varnothing,\varnothing} \oplus 6356V^{\varnothing,(1)} \oplus 60V^{\varnothing,(2)} \oplus 52V^{\varnothing,(1,1)} \oplus 6848V^{(1),\varnothing} \oplus 1393V^{(1),(1)} \oplus 64V^{(2),\varnothing} \oplus 86V^{(1,1),\varnothing}$
$k = 11: \quad 14392V^{\varnothing,\varnothing} \oplus 11190V^{\varnothing,(1)} \oplus 2680V^{\varnothing,(2)} \oplus 1612V^{\varnothing,(1,1)} \oplus 28V^{\varnothing,(3)} \oplus 26V^{\varnothing,(2,1)} \oplus 12108V^{(1),\varnothing} \oplus 10912V^{(1),(1)} \oplus 389V^{(1),(2)} \oplus 371V^{(1),(1,1)} \oplus 1488V^{(2),\varnothing} \oplus 337V^{(2),(1)} \oplus 2612V^{(1,1),\varnothing} \oplus 433V^{(1,1),(1)} \oplus 22V^{(2,1),\varnothing} \oplus 30V^{(1,1,1),\varnothing}$
$k = 10: \quad 10532V^{\varnothing,\varnothing} \oplus 9556V^{\varnothing,(1)} \oplus 4170V^{\varnothing,(2)} \oplus 2430V^{\varnothing,(1,1)} \oplus 1080V^{\varnothing,(3)} \oplus 976V^{\varnothing,(2,1)} \oplus 11V^{\varnothing,(4)} \oplus 11V^{\varnothing,(3,1)} \oplus 8V^{\varnothing,(2,2)} \oplus 10476V^{(1),\varnothing} \oplus 18482V^{(1),(1)} \oplus 3976V^{(1),(2)} \oplus 3200V^{(1),(1,1)} \oplus 89V^{(1),(3)} \oplus 85V^{(1),(2,1)} \oplus 2440V^{(2),\varnothing} \oplus 2944V^{(2),(1)} \oplus 195V^{(2),(2)} \oplus 186V^{(2),(1,1)} \oplus 4180V^{(1,1),\varnothing} \oplus 3912V^{(1,1),(1)} \oplus 269V^{(1,1),(2)} \oplus 251V^{(1,1),(1,1)} \oplus 598V^{(2,1),\varnothing} \oplus 97V^{(2,1),(1)} \oplus 1056V^{(1,1,1),\varnothing} \oplus 121V^{(1,1,1),(1)} \oplus 8V^{(2,1,1),\varnothing} \oplus 11V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 4560V^{\varnothing,\varnothing} \oplus 5640V^{\varnothing,(1)} \oplus 2800V^{\varnothing,(2)} \oplus 1600V^{\varnothing,(1,1)} \oplus 1308V^{\varnothing,(3)} \oplus 1208V^{\varnothing,(2,1)} \oplus 432V^{\varnothing,(4)} \oplus 432V^{\varnothing,(3,1)} \oplus 228V^{\varnothing,(2,2)} \oplus 3V^{\varnothing,(5)} \oplus 4V^{\varnothing,(4,1)} \oplus 3V^{\varnothing,(3,2)} \oplus 6896V^{(1),\varnothing} \oplus 17084V^{(1),(1)} \oplus 6414V^{(1),(2)} \oplus 5226V^{(1),(1,1)} \oplus 1512V^{(1),(3)} \oplus 1432V^{(1),(2,1)} \oplus 25V^{(1),(4)} \oplus 25V^{(1),(3,1)} \oplus 19V^{(1),(2,2)} \oplus 1760V^{(2),\varnothing} \oplus 4974V^{(2),(1)} \oplus 1092V^{(2),(2)} \oplus 936V^{(2),(1,1)} \oplus 45V^{(2),(3)} \oplus 43V^{(2),(2,1)} \oplus 2960V^{(1,1),\varnothing} \oplus 6198V^{(1,1),(1)} \oplus 1508V^{(1,1),(2)} \oplus 1196V^{(1,1),(1,1)} \oplus 89V^{(1,1),(3)} \oplus 85V^{(1,1),(2,1)} \oplus 802V^{(2,1),\varnothing} \oplus 1120V^{(2,1),(1)} \oplus 75V^{(2,1),(2)} \oplus 66V^{(2,1),(1,1)} \oplus 1352V^{(1,1,1),\varnothing} \oplus 1480V^{(1,1,1),(1)} \oplus 101V^{(1,1,1),(2)} \oplus 83V^{(1,1,1),(1,1)} \oplus 260V^{(2,1,1),\varnothing} \oplus 25V^{(2,1,1),(1)} \oplus 464V^{(1,1,1,1),\varnothing} \oplus 31V^{(1,1,1,1),(1)} \oplus 3V^{(2,1,1,1),\varnothing} \oplus 4V^{(1,1,1,1,1),\varnothing}$
$k = 8:$ $720V^{\varnothing,\varnothing} \oplus 1620V^{\varnothing,(1)} \oplus 1056V^{\varnothing,(2)} \oplus 588V^{\varnothing,(1,1)} \oplus 592V^{\varnothing,(3)} \oplus 592V^{\varnothing,(2,1)} \oplus 336V^{\varnothing,(4)} \oplus 336V^{\varnothing,(3,1)} \oplus 186V^{\varnothing,(2,2)} \oplus 88V^{\varnothing,(5)} \oplus 164V^{\varnothing,(4,1)} \oplus 88V^{\varnothing,(3,2)} \oplus V^{\varnothing,(5,1)} \oplus V^{\varnothing,(4,2)} \oplus 2280V^{(1),\varnothing} \oplus 11828V^{(1),(1)} \oplus 5136V^{(1),(2)} \oplus 4400V^{(1),(1,1)} \oplus 2166V^{(1),(3)} \oplus 2094V^{(1),(2,1)} \oplus 592V^{(1),(4)} \oplus 592V^{(1),(3,1)} \oplus 448V^{(1),(2,2)} \oplus 7V^{(1),(5)} \oplus 9V^{(1),(4,1)} \oplus 7V^{(1),(3,2)} \oplus 888V^{(2),\varnothing} \oplus 4304V^{(2),(1)} \oplus 1718V^{(2),(2)} \oplus 1508V^{(2),(1,1)} \oplus 412V^{(2),(3)} \oplus 396V^{(2),(2,1)} \oplus 13V^{(2),(4)} \oplus 13V^{(2),(3,1)} \oplus 10V^{(2),(2,2)} \oplus 1356V^{(1,1),\varnothing} \oplus 5040V^{(1,1),(1)} \oplus 2186V^{(1,1),(2)} \oplus 1766V^{(1,1),(1,1)} \oplus 564V^{(1,1),(3)} \oplus 532V^{(1,1),(2,1)} \oplus 25V^{(1,1),(4)} \oplus 25V^{(1,1),(3,1)} \oplus 19V^{(1,1),(2,2)} \oplus 428V^{(2,1),\varnothing} \oplus 1722V^{(2,1),(1)} \oplus 424V^{(2,1),(2)} \oplus 356V^{(2,1),(1,1)} \oplus 45V^{(2,1),(3)} \oplus 43V^{(2,1),(2,1)} \oplus 688V^{(1,1,1),\varnothing} \oplus 2094V^{(1,1,1),(1)} \oplus 588V^{(1,1,1),(2)} \oplus 452V^{(1,1,1),(1,1)} \oplus 65V^{(1,1,1),(3)} \oplus 61V^{(1,1,1),(2,1)} \oplus 234V^{(2,1,1),\varnothing} \oplus 448V^{(2,1,1),(1)} \oplus 27V^{(2,1,1),(2)} \oplus 18V^{(2,1,1),(1,1)} \oplus 384V^{(1,1,1,1),\varnothing} \oplus 592V^{(1,1,1,1),(1)} \oplus 35V^{(1,1,1,1),(2)} \oplus 23V^{(1,1,1,1),(1,1)} \oplus 104V^{(2,1,1,1),\varnothing} \oplus 7V^{(2,1,1,1),(1)} \oplus 180V^{(1,1,1,1,1),\varnothing} \oplus 9V^{(1,1,1,1,1),(1)} \oplus V^{(2,1,1,1,1),\varnothing} \oplus V^{(1,1,1,1,1,1),\varnothing}$
$k = 7: \quad 36V^{\varnothing,(1)} \oplus 30V^{\varnothing,(2)} \oplus 30V^{\varnothing,(1,1)} \oplus 24V^{\varnothing,(3)} \oplus 24V^{\varnothing,(2,1)} \oplus 18V^{\varnothing,(4)} \oplus 18V^{\varnothing,(3,1)} \oplus 18V^{\varnothing,(2,2)} \oplus 12V^{\varnothing,(5)} \oplus 12V^{\varnothing,(4,1)} \oplus 12V^{\varnothing,(3,2)} \oplus 6V^{\varnothing,(5,1)} \oplus 6V^{\varnothing,(4,2)} \oplus 196V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2580V^{(1),(1,1)} \oplus 1360V^{(1),(3)} \oplus 1360V^{(1),(2,1)} \oplus 650V^{(1),(4)} \oplus 650V^{(1),(3,1)} \oplus 550V^{(1),(2,2)} \oplus 204V^{(1),(5)} \oplus 256V^{(1),(4,1)} \oplus 204V^{(1),(3,2)} \oplus 3V^{(1),(5,1)} \oplus 3V^{(1),(4,2)} \oplus 140V^{(2),\varnothing} \oplus 2580V^{(2),(1)} \oplus 1316V^{(2),(2)} \oplus 1208V^{(2),(1,1)} \oplus 594V^{(2),(3)} \oplus 582V^{(2),(2,1)} \oplus 160V^{(2),(4)} \oplus 160V^{(2),(3,1)} \oplus 132V^{(2),(2,2)} \oplus 4V^{(2),(5)} \oplus 5V^{(2),(4,1)} \oplus 4V^{(2),(3,2)} \oplus 140V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1544V^{(1,1),(2)} \oplus 1328V^{(1,1),(1,1)} \oplus 738V^{(1,1),(3)} \oplus 714V^{(1,1),(2,1)} \oplus 216V^{(1,1),(4)} \oplus 216V^{(1,1),(3,1)} \oplus 160V^{(1,1),(2,2)} \oplus 7V^{(1,1),(5)} \oplus 9V^{(1,1),(4,1)} \oplus 7V^{(1,1),(3,2)} \oplus 84V^{(2,1),\varnothing} \oplus 1200V^{(2,1),(1)} \oplus 594V^{(2,1),(2)} \oplus 528V^{(2,1),(1,1)} \oplus 168V^{(2,1),(3)} \oplus 160V^{(2,1),(2,1)} \oplus 13V^{(2,1),(4)} \oplus 13V^{(2,1),(3,1)} \oplus 10V^{(2,1),(2,2)} \oplus 84V^{(1,1,1),\varnothing} \oplus 1360V^{(1,1,1),(1)} \oplus 738V^{(1,1,1),(2)} \oplus 606V^{(1,1,1),(1,1)} \oplus 236V^{(1,1,1),(3)} \oplus 220V^{(1,1,1),(2,1)} \oplus 25V^{(1,1,1),(4)} \oplus 25V^{(1,1,1),(3,1)} \oplus 19V^{(1,1,1),(2,2)} \oplus 42V^{(2,1,1),\varnothing} \oplus 550V^{(2,1,1),(1)} \oplus 168V^{(2,1,1),(2)} \oplus 140V^{(2,1,1),(1,1)} \oplus 21V^{(2,1,1),(3)} \oplus 19V^{(2,1,1),(2,1)} \oplus 42V^{(1,1,1,1),\varnothing} \oplus 650V^{(1,1,1,1),(1)} \oplus 232V^{(1,1,1,1),(2)} \oplus$

Table 199: Table for $\lambda = (2,1,1,1,1,1)$, $\mu = (5,1,1)$:

$k = 14: \quad 17V^{\varnothing,\varnothing}$
$k = 13: \quad 7862V^{\varnothing,\varnothing} \oplus 113V^{\varnothing,(1)} \oplus 287V^{(1),\varnothing}$
$k = 12: \quad 14902V^{\varnothing,\varnothing} \oplus 6876V^{\varnothing,(1)} \oplus 60V^{\varnothing,(2)} \oplus 53V^{\varnothing,(1,1)} \oplus 7128V^{(1),\varnothing} \oplus 1397V^{(1),(1)} \oplus 81V^{(2),\varnothing} \oplus 109V^{(1,1),\varnothing}$
$k = 11: \quad 14638V^{\varnothing,\varnothing} \oplus 12090V^{\varnothing,(1)} \oplus 2680V^{\varnothing,(2)} \oplus 2372V^{\varnothing,(1,1)} \oplus 28V^{\varnothing,(3)} \oplus 26V^{\varnothing,(2,1)} \oplus 18V^{\varnothing,(1,1,1)} \oplus 12426V^{(1),\varnothing} \oplus 11312V^{(1),(1)} \oplus 389V^{(1),(2)} \oplus 373V^{(1),(1,1)} \oplus 1554V^{(2),\varnothing} \oplus 339V^{(2),(1)} \oplus 2718V^{(1,1),\varnothing} \oplus 437V^{(1,1),(1)} \oplus 28V^{(2,1),\varnothing} \oplus 37V^{(1,1,1),\varnothing}$
$k = 10: \quad 10646V^{\varnothing,\varnothing} \oplus 10196V^{\varnothing,(1)} \oplus 4170V^{\varnothing,(2)} \oplus 3780V^{\varnothing,(1,1)} \oplus 1080V^{\varnothing,(3)} \oplus 976V^{\varnothing,(2,1)} \oplus 518V^{\varnothing,(1,1,1)} \oplus 11V^{\varnothing,(4)} \oplus 11V^{\varnothing,(3,1)} \oplus 8V^{\varnothing,(2,1,1)} \oplus 11494V^{(1),\varnothing} \oplus 19130V^{(1),(1)} \oplus 3976V^{(1),(2)} \oplus 3720V^{(1),(1,1)} \oplus 89V^{(1),(3)} \oplus 85V^{(1),(2,1)} \oplus 67V^{(1),(1,1,1)} \oplus 2508V^{(2),\varnothing} \oplus 3024V^{(2),(1)} \oplus 195V^{(2),(2)} \oplus 187V^{(2),(1,1)} \oplus 4266V^{(1,1),\varnothing} \oplus 4072V^{(1,1),(1)} \oplus 269V^{(1,1),(2)} \oplus 253V^{(1,1),(1,1)} \oplus 618V^{(2,1),\varnothing} \oplus 99V^{(2,1),(1)} \oplus 1086V^{(1,1,1),\varnothing} \oplus 125V^{(1,1,1),(1)} \oplus 9V^{(2,1,1),\varnothing} \oplus 12V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 4560V^{\varnothing,\varnothing} \oplus 5880V^{\varnothing,(1)} \oplus 2800V^{\varnothing,(2)} \oplus 2640V^{\varnothing,(1,1)} \oplus 1308V^{\varnothing,(3)} \oplus 1208V^{\varnothing,(2,1)} \oplus 658V^{\varnothing,(1,1,1)} \oplus 432V^{\varnothing,(4)} \oplus 432V^{\varnothing,(3,1)} \oplus 228V^{\varnothing,(2,1,1)} \oplus 3V^{\varnothing,(5)} \oplus 4V^{\varnothing,(4,1)} \oplus 3V^{\varnothing,(3,1,1)} \oplus 7185V^{(1),\varnothing} \oplus 17468V^{(1),(1)} \oplus 6414V^{(1),(2)} \oplus 6126V^{(1),(1,1)} \oplus 1512V^{(1),(3)} \oplus 1432V^{(1),(2,1)} \oplus 1096V^{(1),(1,1,1)} \oplus 25V^{(1),(4)} \oplus 25V^{(1),(3,1)} \oplus 19V^{(1),(2,1,1)} \oplus 2040V^{(2),\varnothing} \oplus 5082V^{(2),(1)} \oplus 1092V^{(2),(2)} \oplus 1036V^{(2),(1,1)} \oplus 45V^{(2),(3)} \oplus 43V^{(2),(2,1)} \oplus 34V^{(2),(1,1,1)} \oplus 3240V^{(1,1),\varnothing} \oplus 6414V^{(1,1),(1)} \oplus 1508V^{(1,1),(2)} \oplus 1396V^{(1,1),(1,1)} \oplus 89V^{(1,1),(3)} \oplus 85V^{(1,1),(2,1)} \oplus 67V^{(1,1),(1,1,1)} \oplus 820V^{(2,1),\varnothing} \oplus 1160V^{(2,1),(1)} \oplus 75V^{(2,1),(2)} \oplus 67V^{(2,1),(1,1)} \oplus 1370V^{(1,1,1),\varnothing} \oplus 1560V^{(1,1,1),(1)} \oplus 101V^{(1,1,1),(2)} \oplus 85V^{(1,1,1),(1,1)} \oplus 264V^{(2,1,1),\varnothing} \oplus 27V^{(2,1,1),(1)} \oplus 468V^{(1,1,1,1),\varnothing} \oplus 35V^{(1,1,1,1),(1)} \oplus 3V^{(2,1,1,1),\varnothing} \oplus 4V^{(1,1,1,1,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 1620V^{\varnothing,(1)} \oplus 1056V^{\varnothing,(2)} \oplus 1056V^{\varnothing,(1,1)} \oplus 592V^{\varnothing,(3)} \oplus 592V^{\varnothing,(2,1)} \oplus 332V^{\varnothing,(1,1,1)} \oplus 336V^{\varnothing,(4)} \oplus 336V^{\varnothing,(3,1)} \oplus 186V^{\varnothing,(2,1,1)} \oplus 88V^{\varnothing,(5)} \oplus 164V^{\varnothing,(4,1)} \oplus 88V^{\varnothing,(3,1,1)} \oplus V^{\varnothing,(5,1)} \oplus V^{\varnothing,(4,1,1)} \oplus 2430V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 5136V^{(1),(2)} \oplus 5040V^{(1),(1,1)} \oplus 2166V^{(1),(3)} \oplus 2094V^{(1),(2,1)} \oplus 1722V^{(1),(1,1,1)} \oplus 592V^{(1),(4)} \oplus 592V^{(1),(3,1)} \oplus 448V^{(1),(2,1,1)} \oplus 7V^{(1),(5)} \oplus 9V^{(1),(4,1)} \oplus 7V^{(1),(3,1,1)} \oplus 993V^{(2),\varnothing} \oplus 4352V^{(2),(1)} \oplus 1718V^{(2),(2)} \oplus 1670V^{(2),(1,1)} \oplus 412V^{(2),(3)} \oplus 396V^{(2),(2,1)} \oplus 328V^{(2),(1,1,1)} \oplus 13V^{(2),(4)} \oplus 13V^{(2),(3,1)} \oplus 10V^{(2),(2,1,1)} \oplus 1461V^{(1,1),\varnothing} \oplus 5136V^{(1,1),(1)} \oplus 2186V^{(1,1),(2)} \oplus 2090V^{(1,1),(1,1)} \oplus 564V^{(1,1),(3)} \oplus 532V^{(1,1),(2,1)} \oplus 396V^{(1,1),(1,1,1)} \oplus 25V^{(1,1),(4)} \oplus 25V^{(1,1),(3,1)} \oplus 19V^{(1,1),(2,1,1)} \oplus 500V^{(2,1),\varnothing} \oplus 1758V^{(2,1),(1)} \oplus 424V^{(2,1),(2)} \oplus 396V^{(2,1),(1,1)} \oplus 45V^{(2,1),(3)} \oplus 43V^{(2,1),(2,1)} \oplus 34V^{(2,1),(1,1,1)} \oplus 760V^{(1,1,1),\varnothing} \oplus 2166V^{(1,1,1),(1)} \oplus 588V^{(1,1,1),(2)} \oplus 532V^{(1,1,1),(1,1)} \oplus 65V^{(1,1,1),(3)} \oplus 61V^{(1,1,1),(2,1)} \oplus 43V^{(1,1,1),(1,1,1)} \oplus 240V^{(2,1,1),\varnothing} \oplus 468V^{(2,1,1),(1)} \oplus 27V^{(2,1,1),(2)} \oplus 19V^{(2,1,1),(1,1)} \oplus 390V^{(1,1,1,1),\varnothing} \oplus 632V^{(1,1,1,1),(1)} \oplus 35V^{(1,1,1,1),(2)} \oplus 25V^{(1,1,1,1),(1,1)} \oplus 106V^{(2,1,1,1),\varnothing} \oplus 9V^{(2,1,1,1),(1)} \oplus 182V^{(1,1,1,1,1),\varnothing} \oplus 11V^{(1,1,1,1,1),(1)} \oplus V^{(2,1,1,1,1),\varnothing} \oplus V^{(1,1,1,1,1,1),\varnothing}$
$k = 7:$ $36V^{\varnothing,(1)} \oplus 30V^{\varnothing,(2)} \oplus 30V^{\varnothing,(1,1)} \oplus 24V^{\varnothing,(3)} \oplus 24V^{\varnothing,(2,1)} \oplus 24V^{\varnothing,(1,1,1)} \oplus 18V^{\varnothing,(4)} \oplus 18V^{\varnothing,(3,1)} \oplus 18V^{\varnothing,(2,1,1)} \oplus 12V^{\varnothing,(5)} \oplus 12V^{\varnothing,(4,1)} \oplus 12V^{\varnothing,(3,1,1)} \oplus 6V^{\varnothing,(5,1)} \oplus 6V^{\varnothing,(4,1,1)} \oplus 225V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1360V^{(1),(3)} \oplus 1360V^{(1),(2,1)} \oplus 1200V^{(1),(1,1,1)} \oplus 650V^{(1),(4)} \oplus 650V^{(1),(3,1)} \oplus 550V^{(1),(2,1,1)} \oplus 204V^{(1),(5)} \oplus 256V^{(1),(4,1)} \oplus 204V^{(1),(3,1,1)} \oplus 3V^{(1),(5,1)} \oplus 3V^{(1),(4,1,1)} \oplus 165V^{(2),\varnothing} \oplus 2580V^{(2),(1)} \oplus 1316V^{(2),(2)} \oplus 1304V^{(2),(1,1)} \oplus 594V^{(2),(3)} \oplus 582V^{(2),(2,1)} \oplus 516V^{(2),(1,1,1)} \oplus 160V^{(2),(4)} \oplus 160V^{(2),(3,1)} \oplus 132V^{(2),(2,1,1)} \oplus 4V^{(2),(5)} \oplus 5V^{(2),(4,1)} \oplus 4V^{(2),(3,1,1)} \oplus 165V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1544V^{(1,1),(2)} \oplus 1520V^{(1,1),(1,1)} \oplus 738V^{(1,1),(3)} \oplus 714V^{(1,1),(2,1)} \oplus 582V^{(1,1),(1,1,1)} \oplus 216V^{(1,1),(4)} \oplus 216V^{(1,1),(3,1)} \oplus 160V^{(1,1),(2,1,1)} \oplus 7V^{(1,1),(5)} \oplus 9V^{(1,1),(4,1)} \oplus 7V^{(1,1),(3,1,1)} \oplus 105V^{(2,1),\varnothing} \oplus 1200V^{(2,1),(1)} \oplus 594V^{(2,1),(2)} \oplus 582V^{(2,1),(1,1)} \oplus 168V^{(2,1),(3)} \oplus 160V^{(2,1),(2,1)} \oplus$

Table 200: Table for $\lambda = (2,1,1,1,1,1)$, $\mu = (4,3)$:

$k = 14: \quad 7V^{\varnothing,\varnothing}$
$k = 13: \quad 7612V^{\varnothing,\varnothing} \oplus 101V^{\varnothing,(1)} \oplus 232V^{(1),\varnothing}$
$k = 12: \quad 14566V^{\varnothing,\varnothing} \oplus 6276V^{\varnothing,(1)} \oplus 55V^{\varnothing,(2)} \oplus 52V^{\varnothing,(1,1)} \oplus 6844V^{(1),\varnothing} \oplus 1345V^{(1),(1)} \oplus 63V^{(2),\varnothing} \oplus 85V^{(1,1),\varnothing}$
$k = 11: \quad 14392V^{\varnothing,\varnothing} \oplus 11130V^{\varnothing,(1)} \oplus 2580V^{\varnothing,(2)} \oplus 1612V^{\varnothing,(1,1)} \oplus 26V^{\varnothing,(3)} \oplus 26V^{\varnothing,(2,1)} \oplus 12108V^{(1),\varnothing} \oplus 10720V^{(1),(1)} \oplus 377V^{(1),(2)} \oplus 371V^{(1),(1,1)} \oplus 1488V^{(2),\varnothing} \oplus 313V^{(2),(1)} \oplus 2612V^{(1,1),\varnothing} \oplus 385V^{(1,1),(1)} \oplus 22V^{(2,1),\varnothing} \oplus 30V^{(1,1,1),\varnothing}$
$k = 10: \quad 10532V^{\varnothing,\varnothing} \oplus 9556V^{\varnothing,(1)} \oplus 4080V^{\varnothing,(2)} \oplus 2430V^{\varnothing,(1,1)} \oplus 976V^{\varnothing,(3)} \oplus 976V^{\varnothing,(2,1)} \oplus 8V^{\varnothing,(4)} \oplus 11V^{\varnothing,(3,1)} \oplus 10V^{\varnothing,(2,2)} \oplus 10476V^{(1),\varnothing} \oplus 18386V^{(1),(1)} \oplus 3880V^{(1),(2)} \oplus 3200V^{(1),(1,1)} \oplus 85V^{(1),(3)} \oplus 85V^{(1),(2,1)} \oplus 2440V^{(2),\varnothing} \oplus 2896V^{(2),(1)} \oplus 189V^{(2),(2)} \oplus 186V^{(2),(1,1)} \oplus 4180V^{(1,1),\varnothing} \oplus 3816V^{(1,1),(1)} \oplus 257V^{(1,1),(2)} \oplus 251V^{(1,1),(1,1)} \oplus 598V^{(2,1),\varnothing} \oplus 73V^{(2,1),(1)} \oplus 1056V^{(1,1,1),\varnothing} \oplus 97V^{(1,1,1),(1)} \oplus 8V^{(2,1,1),\varnothing} \oplus 11V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 4560V^{\varnothing,\varnothing} \oplus 5640V^{\varnothing,(1)} \oplus 2800V^{\varnothing,(2)} \oplus 1600V^{\varnothing,(1,1)} \oplus 1208V^{\varnothing,(3)} \oplus 1208V^{\varnothing,(2,1)} \oplus 228V^{\varnothing,(4)} \oplus 432V^{\varnothing,(3,1)} \oplus 280V^{\varnothing,(2,2)} \oplus 3V^{\varnothing,(4,1)} \oplus 4V^{\varnothing,(3,2)} \oplus 6896V^{(1),\varnothing} \oplus 17084V^{(1),(1)} \oplus 6342V^{(1),(2)} \oplus 5226V^{(1),(1,1)} \oplus 1432V^{(1),(3)} \oplus 1432V^{(1),(2,1)} \oplus 19V^{(1),(4)} \oplus 25V^{(1),(3,1)} \oplus 23V^{(1),(2,2)} \oplus 1760V^{(2),\varnothing} \oplus 4974V^{(2),(1)} \oplus 1068V^{(2),(2)} \oplus 936V^{(2),(1,1)} \oplus 43V^{(2),(3)} \oplus 43V^{(2),(2,1)} \oplus 2960V^{(1,1),\varnothing} \oplus 6198V^{(1,1),(1)} \oplus 1460V^{(1,1),(2)} \oplus 1196V^{(1,1),(1,1)} \oplus 85V^{(1,1),(3)} \oplus 85V^{(1,1),(2,1)} \oplus 802V^{(2,1),\varnothing} \oplus 1120V^{(2,1),(1)} \oplus 69V^{(2,1),(2)} \oplus 66V^{(2,1),(1,1)} \oplus 1352V^{(1,1,1),\varnothing} \oplus 1480V^{(1,1,1),(1)} \oplus 89V^{(1,1,1),(2)} \oplus 83V^{(1,1,1),(1,1)} \oplus 260V^{(2,1,1),\varnothing} \oplus 25V^{(2,1,1),(1)} \oplus 464V^{(1,1,1,1),\varnothing} \oplus 31V^{(1,1,1,1),(1)} \oplus 3V^{(2,1,1,1),\varnothing} \oplus 4V^{(1,1,1,1,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 1620V^{\varnothing,(1)} \oplus 1056V^{\varnothing,(2)} \oplus 588V^{\varnothing,(1,1)} \oplus 592V^{\varnothing,(3)} \oplus 592V^{\varnothing,(2,1)} \oplus 186V^{\varnothing,(4)} \oplus 336V^{\varnothing,(3,1)} \oplus 186V^{\varnothing,(2,2)} \oplus 88V^{\varnothing,(4,1)} \oplus 164V^{\varnothing,(3,2)} \oplus V^{\varnothing,(4,2)} \oplus V^{\varnothing,(3,3)} \oplus 2196V^{(1),\varnothing} \oplus 11828V^{(1),(1)} \oplus 5136V^{(1),(2)} \oplus 4400V^{(1),(1,1)} \oplus 2094V^{(1),(3)} \oplus 2094V^{(1),(2,1)} \oplus 448V^{(1),(4)} \oplus 592V^{(1),(3,1)} \oplus 488V^{(1),(2,2)} \oplus 7V^{(1),(4,1)} \oplus 9V^{(1),(3,2)} \oplus 888V^{(2),\varnothing} \oplus 4304V^{(2),(1)} \oplus 1706V^{(2),(2)} \oplus 1508V^{(2),(1,1)} \oplus 396V^{(2),(3)} \oplus 396V^{(2),(2,1)} \oplus 10V^{(2),(4)} \oplus 13V^{(2),(3,1)} \oplus 12V^{(2),(2,2)} \oplus 1356V^{(1,1),\varnothing} \oplus 5040V^{(1,1),(1)} \oplus 2162V^{(1,1),(2)} \oplus 1766V^{(1,1),(1,1)} \oplus 532V^{(1,1),(3)} \oplus 532V^{(1,1),(2,1)} \oplus 19V^{(1,1),(4)} \oplus 25V^{(1,1),(3,1)} \oplus 23V^{(1,1),(2,2)} \oplus 428V^{(2,1),\varnothing} \oplus 1722V^{(2,1),(1)} \oplus 412V^{(2,1),(2)} \oplus 356V^{(2,1),(1,1)} \oplus 43V^{(2,1),(3)} \oplus 43V^{(2,1),(2,1)} \oplus 688V^{(1,1,1),\varnothing} \oplus 2094V^{(1,1,1),(1)} \oplus 564V^{(1,1,1),(2)} \oplus 452V^{(1,1,1),(1,1)} \oplus 61V^{(1,1,1),(3)} \oplus 61V^{(1,1,1),(2,1)} \oplus 234V^{(2,1,1),\varnothing} \oplus 448V^{(2,1,1),(1)} \oplus 21V^{(2,1,1),(2)} \oplus 18V^{(2,1,1),(1,1)} \oplus 384V^{(1,1,1,1),\varnothing} \oplus 592V^{(1,1,1,1),(1)} \oplus 29V^{(1,1,1,1),(2)} \oplus 23V^{(1,1,1,1),(1,1)} \oplus 104V^{(2,1,1,1),\varnothing} \oplus 7V^{(2,1,1,1),(1)} \oplus 180V^{(1,1,1,1,1),\varnothing} \oplus 9V^{(1,1,1,1,1),(1)} \oplus V^{(2,1,1,1,1),\varnothing} \oplus V^{(1,1,1,1,1,1),\varnothing}$
$k = 7: \quad 36V^{\varnothing,(1)} \oplus 30V^{\varnothing,(2)} \oplus 30V^{\varnothing,(1,1)} \oplus 24V^{\varnothing,(3)} \oplus 24V^{\varnothing,(2,1)} \oplus 18V^{\varnothing,(4)} \oplus 18V^{\varnothing,(3,1)} \oplus 18V^{\varnothing,(2,2)} \oplus 12V^{\varnothing,(4,1)} \oplus 12V^{\varnothing,(3,2)} \oplus 6V^{\varnothing,(4,2)} \oplus 6V^{\varnothing,(3,3)} \oplus 196V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2580V^{(1),(1,1)} \oplus 1360V^{(1),(3)} \oplus 1360V^{(1),(2,1)} \oplus 550V^{(1),(4)} \oplus 650V^{(1),(3,1)} \oplus 550V^{(1),(2,2)} \oplus 204V^{(1),(4,1)} \oplus 256V^{(1),(3,2)} \oplus 3V^{(1),(4,2)} \oplus 3V^{(1),(3,3)} \oplus 126V^{(2),\varnothing} \oplus 2580V^{(2),(1)} \oplus 1316V^{(2),(2)} \oplus 1208V^{(2),(1,1)} \oplus 582V^{(2),(3)} \oplus 582V^{(2),(2,1)} \oplus 132V^{(2),(4)} \oplus 160V^{(2),(3,1)} \oplus 140V^{(2),(2,2)} \oplus 4V^{(2),(4,1)} \oplus 5V^{(2),(3,2)} \oplus 126V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1544V^{(1,1),(2)} \oplus 1328V^{(1,1),(1,1)} \oplus 714V^{(1,1),(3)} \oplus 714V^{(1,1),(2,1)} \oplus 160V^{(1,1),(4)} \oplus 216V^{(1,1),(3,1)} \oplus 176V^{(1,1),(2,2)} \oplus 7V^{(1,1),(4,1)} \oplus 9V^{(1,1),(3,2)} \oplus 84V^{(2,1),\varnothing} \oplus 1200V^{(2,1),(1)} \oplus 594V^{(2,1),(2)} \oplus 528V^{(2,1),(1,1)} \oplus 160V^{(2,1),(3)} \oplus 160V^{(2,1),(2,1)} \oplus 10V^{(2,1),(4)} \oplus 13V^{(2,1),(3,1)} \oplus 12V^{(2,1),(2,2)} \oplus 84V^{(1,1,1),\varnothing} \oplus 1360V^{(1,1,1),(1)} \oplus 738V^{(1,1,1),(2)} \oplus 606V^{(1,1,1),(1,1)} \oplus 220V^{(1,1,1),(3)} \oplus 220V^{(1,1,1),(2,1)} \oplus 19V^{(1,1,1),(4)} \oplus 25V^{(1,1,1),(3,1)} \oplus 23V^{(1,1,1),(2,2)} \oplus 42V^{(2,1,1),\varnothing} \oplus 550V^{(2,1,1),(1)} \oplus 168V^{(2,1,1),(2)} \oplus 140V^{(2,1,1),(1,1)} \oplus 19V^{(2,1,1),(3)} \oplus 19V^{(2,1,1),(2,1)} \oplus 42V^{(1,1,1,1),\varnothing} \oplus 650V^{(1,1,1,1),(1)} \oplus 232V^{(1,1,1,1),(2)} \oplus 176V^{(1,1,1,1),(1,1)} \oplus 25V^{(1,1,1,1),(3)} \oplus 25V^{(1,1,1,1),(2,1)} \oplus 28V^{(2,1,1,1),\varnothing} \oplus 204V^{(2,1,1,1),(1)} \oplus 9V^{(2,1,1,1),(2)} \oplus 6V^{(2,1,1,1),(1,1)} \oplus 28V^{(1,1,1,1,1),\varnothing} \oplus 256V^{(1,1,1,1,1),(1)} \oplus 11V^{(1,1,1,1,1),(2)} \oplus$

Table 201: Table for $\lambda = (2,1,1,1,1,1)$, $\mu = (4,2,1)$:

$k = 14: \quad 17V^{\varnothing,\varnothing}$
$k = 13: \quad 7982V^{\varnothing,\varnothing} \oplus 145V^{\varnothing,(1)} \oplus 705V^{(1),\varnothing}$
$k = 12: \quad 15142V^{\varnothing,\varnothing} \oplus 7190V^{\varnothing,(1)} \oplus 77V^{\varnothing,(2)} \oplus 75V^{\varnothing,(1,1)} \oplus 8908V^{(1),\varnothing} \oplus 1697V^{(1),(1)} \oplus 134V^{(2),\varnothing} \oplus 166V^{(1,1),\varnothing}$
$k = 11: \quad 14878V^{\varnothing,\varnothing} \oplus 12420V^{\varnothing,(1)} \oplus 3028V^{\varnothing,(2)} \oplus 2820V^{\varnothing,(1,1)} \oplus 33V^{\varnothing,(3)} \oplus 36V^{\varnothing,(2,1)} \oplus 25V^{\varnothing,(1,1,1)} \oplus 15474V^{(1),\varnothing} \oplus 11936V^{(1),(1)} \oplus 453V^{(1),(2)} \oplus 449V^{(1),(1,1)} \oplus 2090V^{(2),\varnothing} \oplus 489V^{(2),(1)} \oplus 3270V^{(1,1),\varnothing} \oplus 617V^{(1,1),(1)} \oplus 32V^{(2,1),\varnothing} \oplus 41V^{(1,1,1),\varnothing}$
$k = 10: \quad 10766V^{\varnothing,\varnothing} \oplus 10316V^{\varnothing,(1)} \oplus 4560V^{\varnothing,(2)} \oplus 4260V^{\varnothing,(1,1)} \oplus 1130V^{\varnothing,(3)} \oplus 1538V^{\varnothing,(2,1)} \oplus 672V^{\varnothing,(1,1,1)} \oplus 10V^{\varnothing,(4)} \oplus 14V^{\varnothing,(3,1)} \oplus 11V^{\varnothing,(2,2)} \oplus 11V^{\varnothing,(2,1,1)} \oplus 15214V^{(1),\varnothing} \oplus 19442V^{(1),(1)} \oplus 4328V^{(1),(2)} \oplus 4168V^{(1),(1,1)} \oplus 101V^{(1),(3)} \oplus 107V^{(1),(2,1)} \oplus 83V^{(1),(1,1,1)} \oplus 3508V^{(2),\varnothing} \oplus 3120V^{(2),(1)} \oplus 227V^{(2),(2)} \oplus 225V^{(2),(1,1)} \oplus 5266V^{(1,1),\varnothing} \oplus 4264V^{(1,1),(1)} \oplus 333V^{(1,1),(2)} \oplus 329V^{(1,1),(1,1)} \oplus 818V^{(2,1),\varnothing} \oplus 129V^{(2,1),(1)} \oplus 1286V^{(1,1,1),\varnothing} \oplus 161V^{(1,1,1),(1)} \oplus 9V^{(2,1,1),\varnothing} \oplus 12V^{(1,1,1,1),\varnothing}$
$k = 9:$ $4560V^{\varnothing,\varnothing} \oplus 5880V^{\varnothing,(1)} \oplus 2960V^{\varnothing,(2)} \oplus 2800V^{\varnothing,(1,1)} \oplus 1308V^{\varnothing,(3)} \oplus 1858V^{\varnothing,(2,1)} \oplus 758V^{\varnothing,(1,1,1)} \oplus 280V^{\varnothing,(4)} \oplus 636V^{\varnothing,(3,1)} \oplus 432V^{\varnothing,(2,2)} \oplus 432V^{\varnothing,(2,1,1)} \oplus 4V^{\varnothing,(4,1)} \oplus 4V^{\varnothing,(3,2)} \oplus 4V^{\varnothing,(3,1,1)} \oplus 3V^{\varnothing,(2,2,1)} \oplus 11425V^{(1),\varnothing} \oplus 17540V^{(1),(1)} \oplus 6702V^{(1),(2)} \oplus 6486V^{(1),(1,1)} \oplus 1560V^{(1),(3)} \oplus 1848V^{(1),(2,1)} \oplus 1224V^{(1),(1,1,1)} \oplus 23V^{(1),(4)} \oplus 31V^{(1),(3,1)} \oplus 25V^{(1),(2,2)} \oplus 25V^{(1),(2,1,1)} \oplus 3160V^{(2),\varnothing} \oplus 5118V^{(2),(1)} \oplus 1172V^{(2),(2)} \oplus 1140V^{(2),(1,1)} \oplus 51V^{(2),(3)} \oplus 54V^{(2),(2,1)} \oplus 42V^{(2),(1,1,1)} \oplus 4360V^{(1,1),\varnothing} \oplus 6486V^{(1,1),(1)} \oplus 1668V^{(1,1),(2)} \oplus 1604V^{(1,1),(1,1)} \oplus 101V^{(1,1),(3)} \oplus 107V^{(1,1),(2,1)} \oplus 83V^{(1,1),(1,1,1)} \oplus 1180V^{(2,1),\varnothing} \oplus 1184V^{(2,1),(1)} \oplus 107V^{(2,1),(2)} \oplus 105V^{(2,1),(1,1)} \oplus 1730V^{(1,1,1),\varnothing} \oplus 1608V^{(1,1,1),(1)} \oplus 141V^{(1,1,1),(2)} \oplus 137V^{(1,1,1),(1,1)} \oplus 344V^{(2,1,1),\varnothing} \oplus 33V^{(2,1,1),(1)} \oplus 548V^{(1,1,1,1),\varnothing} \oplus 41V^{(1,1,1,1),(1)} \oplus 3V^{(2,1,1,1),\varnothing} \oplus 4V^{(1,1,1,1,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 1620V^{\varnothing,(1)} \oplus 1056V^{\varnothing,(2)} \oplus 1056V^{\varnothing,(1,1)} \oplus 592V^{\varnothing,(3)} \oplus 852V^{\varnothing,(2,1)} \oplus 332V^{\varnothing,(1,1,1)} \oplus 186V^{\varnothing,(4)} \oplus 486V^{\varnothing,(3,1)} \oplus 336V^{\varnothing,(2,2)} \oplus 336V^{\varnothing,(2,1,1)} \oplus 164V^{\varnothing,(4,1)} \oplus 164V^{\varnothing,(3,2)} \oplus 164V^{\varnothing,(3,1,1)} \oplus 88V^{\varnothing,(2,2,1)} \oplus V^{\varnothing,(4,2)} \oplus V^{\varnothing,(4,1,1)} \oplus V^{\varnothing,(3,2,1)} \oplus 5640V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 5232V^{(1),(2)} \oplus 5136V^{(1),(1,1)} \oplus 2166V^{(1),(3)} \oplus 2538V^{(1),(2,1)} \oplus 1794V^{(1),(1,1,1)} \oplus 488V^{(1),(4)} \oplus 736V^{(1),(3,1)} \oplus 592V^{(1),(2,2)} \oplus 592V^{(1),(2,1,1)} \oplus 9V^{(1),(4,1)} \oplus 9V^{(1),(3,2)} \oplus 9V^{(1),(3,1,1)} \oplus 7V^{(1),(2,2,1)} \oplus 2043V^{(2),\varnothing} \oplus 4352V^{(2),(1)} \oplus 1766V^{(2),(2)} \oplus 1730V^{(2),(1,1)} \oplus 424V^{(2),(3)} \oplus 480V^{(2),(2,1)} \oplus 356V^{(2),(1,1,1)} \oplus 12V^{(2),(4)} \oplus 16V^{(2),(3,1)} \oplus 13V^{(2),(2,2)} \oplus 13V^{(2),(2,1,1)} \oplus 2511V^{(1,1),\varnothing} \oplus 5136V^{(1,1),(1)} \oplus 2282V^{(1,1),(2)} \oplus 2210V^{(1,1),(1,1)} \oplus 588V^{(1,1),(3)} \oplus 700V^{(1,1),(2,1)} \oplus 452V^{(1,1),(1,1,1)} \oplus 23V^{(1,1),(4)} \oplus 31V^{(1,1),(3,1)} \oplus 25V^{(1,1),(2,2)} \oplus 25V^{(1,1),(2,1,1)} \oplus 820V^{(2,1),\varnothing} \oplus 1758V^{(2,1),(1)} \oplus 452V^{(2,1),(2)} \oplus 436V^{(2,1),(1,1)} \oplus 51V^{(2,1),(3)} \oplus 54V^{(2,1),(2,1)} \oplus 42V^{(2,1),(1,1,1)} \oplus 1080V^{(1,1,1),\varnothing} \oplus 2166V^{(1,1,1),(1)} \oplus 644V^{(1,1,1),(2)} \oplus 612V^{(1,1,1),(1,1)} \oplus 77V^{(1,1,1),(3)} \oplus 83V^{(1,1,1),(2,1)} \oplus 59V^{(1,1,1),(1,1,1)} \oplus 360V^{(2,1,1),\varnothing} \oplus 468V^{(2,1,1),(1)} \oplus 35V^{(2,1,1),(2)} \oplus 33V^{(2,1,1),(1,1)} \oplus 510V^{(1,1,1,1),\varnothing} \oplus 632V^{(1,1,1,1),(1)} \oplus 45V^{(1,1,1,1),(2)} \oplus 41V^{(1,1,1,1),(1,1)} \oplus 146V^{(2,1,1,1),\varnothing} \oplus 9V^{(2,1,1,1),(1)} \oplus 222V^{(1,1,1,1,1),\varnothing} \oplus 11V^{(1,1,1,1,1),(1)} \oplus V^{(2,1,1,1,1),\varnothing} \oplus V^{(1,1,1,1,1,1),\varnothing}$
$k = 7: \quad 36V^{\varnothing,(1)} \oplus 30V^{\varnothing,(2)} \oplus 30V^{\varnothing,(1,1)} \oplus 24V^{\varnothing,(3)} \oplus 24V^{\varnothing,(2,1)} \oplus 24V^{\varnothing,(1,1,1)} \oplus 18V^{\varnothing,(4)} \oplus 18V^{\varnothing,(3,1)} \oplus 18V^{\varnothing,(2,2)} \oplus 18V^{\varnothing,(2,1,1)} \oplus 12V^{\varnothing,(4,1)} \oplus 12V^{\varnothing,(3,2)} \oplus 12V^{\varnothing,(3,1,1)} \oplus 12V^{\varnothing,(2,2,1)} \oplus 6V^{\varnothing,(4,2)} \oplus 6V^{\varnothing,(4,1,1)} \oplus 6V^{\varnothing,(3,2,1)} \oplus 1225V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1360V^{(1),(3)} \oplus 1520V^{(1),(2,1)} \oplus 1200V^{(1),(1,1,1)} \oplus 550V^{(1),(4)} \oplus 750V^{(1),(3,1)} \oplus 650V^{(1),(2,2)} \oplus 650V^{(1),(2,1,1)} \oplus 256V^{(1),(4,1)} \oplus 256V^{(1),(3,2)} \oplus 256V^{(1),(3,1,1)} \oplus 204V^{(1),(2,2,1)} \oplus 3V^{(1),(4,2)} \oplus 3V^{(1),(4,1,1)} \oplus 3V^{(1),(3,2,1)} \oplus 700V^{(2),\varnothing} \oplus 2580V^{(2),(1)} \oplus 1328V^{(2),(2)} \oplus 1316V^{(2),(1,1)} \oplus 594V^{(2),(3)} \oplus 660V^{(2),(2,1)} \oplus 528V^{(2),(1,1,1)} \oplus 140V^{(2),(4)} \oplus 188V^{(2),(3,1)} \oplus 160V^{(2),(2,2)} \oplus 160V^{(2),(2,1,1)} \oplus 5V^{(2),(4,1)} \oplus 5V^{(2),(3,2)} \oplus 5V^{(2),(3,1,1)} \oplus 4V^{(2),(2,2,1)} \oplus 700V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1568V^{(1,1),(2)} \oplus$

Table 202: Table for $\lambda = (2,1,1,1,1,1)$, $\mu = (4,1,1,1)$:

$k = 14: \quad 34V^{\varnothing,\varnothing}$
$k = 13: \quad 7972V^{\varnothing,\varnothing} \oplus 118V^{\varnothing,(1)} \oplus 394V^{(1),\varnothing}$
$k = 12: \quad 15012V^{\varnothing,\varnothing} \oplus 7076V^{\varnothing,(1)} \oplus 60V^{\varnothing,(2)} \oplus 60V^{\varnothing,(1,1)} \oplus 7584V^{(1),\varnothing} \oplus 1409V^{(1),(1)} \oplus 97V^{(2),\varnothing} \oplus 126V^{(1,1),\varnothing}$
$k = 11: \quad 14704V^{\varnothing,\varnothing} \oplus 12360V^{\varnothing,(1)} \oplus 2680V^{\varnothing,(2)} \oplus 2680V^{\varnothing,(1,1)} \oplus 26V^{\varnothing,(3)} \oplus 28V^{\varnothing,(2,1)} \oplus 26V^{\varnothing,(1,1,1)} \oplus 13188V^{(1),\varnothing} \oplus 11504V^{(1),(1)} \oplus 389V^{(1),(2)} \oplus 389V^{(1),(1,1)} \oplus 1688V^{(2),\varnothing} \oplus 345V^{(2),(1)} \oplus 2856V^{(1,1),\varnothing} \oplus 449V^{(1,1),(1)} \oplus 29V^{(2,1),\varnothing} \oplus 38V^{(1,1,1),\varnothing}$
$k = 10: \quad 10796V^{\varnothing,\varnothing} \oplus 10316V^{\varnothing,(1)} \oplus 4170V^{\varnothing,(2)} \oplus 4170V^{\varnothing,(1,1)} \oplus 976V^{\varnothing,(3)} \oplus 1080V^{\varnothing,(2,1)} \oplus 976V^{\varnothing,(1,1,1)} \oplus 8V^{\varnothing,(4)} \oplus 11V^{\varnothing,(3,1)} \oplus 11V^{\varnothing,(2,1,1)} \oplus 8V^{\varnothing,(1,1,1,1)} \oplus 12424V^{(1),\varnothing} \oplus 19346V^{(1),(1)} \oplus 3976V^{(1),(2)} \oplus 3976V^{(1),(1,1)} \oplus 85V^{(1),(3)} \oplus 89V^{(1),(2,1)} \oplus 85V^{(1),(1,1,1)} \oplus 2758V^{(2),\varnothing} \oplus 3072V^{(2),(1)} \oplus 195V^{(2),(2)} \oplus 195V^{(2),(1,1)} \oplus 4516V^{(1,1),\varnothing} \oplus 4168V^{(1,1),(1)} \oplus 269V^{(1,1),(2)} \oplus 269V^{(1,1),(1,1)} \oplus 668V^{(2,1),\varnothing} \oplus 105V^{(2,1),(1)} \oplus 1136V^{(1,1,1),\varnothing} \oplus 137V^{(1,1,1),(1)} \oplus 9V^{(2,1,1),\varnothing} \oplus 12V^{(1,1,1,1),\varnothing}$
$k = 9:$ $4680V^{\varnothing,\varnothing} \oplus 5880V^{\varnothing,(1)} \oplus 2800V^{\varnothing,(2)} \oplus 2800V^{\varnothing,(1,1)} \oplus 1208V^{\varnothing,(3)} \oplus 1308V^{\varnothing,(2,1)} \oplus 1208V^{\varnothing,(1,1,1)} \oplus 228V^{\varnothing,(4)} \oplus 432V^{\varnothing,(3,1)} \oplus 432V^{\varnothing,(2,1,1)} \oplus 228V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(4,1)} \oplus 4V^{\varnothing,(3,1,1)} \oplus 3V^{\varnothing,(2,1,1,1)} \oplus 8360V^{(1),\varnothing} \oplus 17540V^{(1),(1)} \oplus 6414V^{(1),(2)} \oplus 6414V^{(1),(1,1)} \oplus 1432V^{(1),(3)} \oplus 1512V^{(1),(2,1)} \oplus 1432V^{(1),(1,1,1)} \oplus 19V^{(1),(4)} \oplus 25V^{(1),(3,1)} \oplus 25V^{(1),(2,1,1)} \oplus 19V^{(1),(1,1,1,1)} \oplus 2320V^{(2),\varnothing} \oplus 5118V^{(2),(1)} \oplus 1092V^{(2),(2)} \oplus 1092V^{(2),(1,1)} \oplus 43V^{(2),(3)} \oplus 45V^{(2),(2,1)} \oplus 43V^{(2),(1,1,1)} \oplus 3520V^{(1,1),\varnothing} \oplus 6486V^{(1,1),(1)} \oplus 1508V^{(1,1),(2)} \oplus 1508V^{(1,1),(1,1)} \oplus 85V^{(1,1),(3)} \oplus 89V^{(1,1),(2,1)} \oplus 85V^{(1,1),(1,1,1)} \oplus 910V^{(2,1),\varnothing} \oplus 1184V^{(2,1),(1)} \oplus 75V^{(2,1),(2)} \oplus 75V^{(2,1),(1,1)} \oplus 1460V^{(1,1,1),\varnothing} \oplus 1608V^{(1,1,1),(1)} \oplus 101V^{(1,1,1),(2)} \oplus 101V^{(1,1,1),(1,1)} \oplus 284V^{(2,1,1),\varnothing} \oplus 33V^{(2,1,1),(1)} \oplus 488V^{(1,1,1,1),\varnothing} \oplus 41V^{(1,1,1,1),(1)} \oplus 3V^{(2,1,1,1),\varnothing} \oplus 4V^{(1,1,1,1,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 1620V^{\varnothing,(1)} \oplus 1056V^{\varnothing,(2)} \oplus 1056V^{\varnothing,(1,1)} \oplus 592V^{\varnothing,(3)} \oplus 592V^{\varnothing,(2,1)} \oplus 592V^{\varnothing,(1,1,1)} \oplus 186V^{\varnothing,(4)} \oplus 336V^{\varnothing,(3,1)} \oplus 336V^{\varnothing,(2,1,1)} \oplus 186V^{\varnothing,(1,1,1,1)} \oplus 88V^{\varnothing,(4,1)} \oplus 164V^{\varnothing,(3,1,1)} \oplus 88V^{\varnothing,(2,1,1,1)} \oplus V^{\varnothing,(4,1,1)} \oplus V^{\varnothing,(3,1,1,1)} \oplus 3120V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 5136V^{(1),(2)} \oplus 5136V^{(1),(1,1)} \oplus 2094V^{(1),(3)} \oplus 2166V^{(1),(2,1)} \oplus 2094V^{(1),(1,1,1)} \oplus 448V^{(1),(4)} \oplus 592V^{(1),(3,1)} \oplus 592V^{(1),(2,1,1)} \oplus 448V^{(1),(1,1,1,1)} \oplus 7V^{(1),(4,1)} \oplus 9V^{(1),(3,1,1)} \oplus 7V^{(1),(2,1,1,1)} \oplus 1268V^{(2),\varnothing} \oplus 4352V^{(2),(1)} \oplus 1718V^{(2),(2)} \oplus 1718V^{(2),(1,1)} \oplus 396V^{(2),(3)} \oplus 412V^{(2),(2,1)} \oplus 396V^{(2),(1,1,1)} \oplus 10V^{(2),(4)} \oplus 13V^{(2),(3,1)} \oplus 13V^{(2),(2,1,1)} \oplus 10V^{(2),(1,1,1,1)} \oplus 1736V^{(1,1),\varnothing} \oplus 5136V^{(1,1),(1)} \oplus 2186V^{(1,1),(2)} \oplus 2186V^{(1,1),(1,1)} \oplus 532V^{(1,1),(3)} \oplus 564V^{(1,1),(2,1)} \oplus 532V^{(1,1),(1,1,1)} \oplus 19V^{(1,1),(4)} \oplus 25V^{(1,1),(3,1)} \oplus 25V^{(1,1),(2,1,1)} \oplus 19V^{(1,1),(1,1,1,1)} \oplus 580V^{(2,1),\varnothing} \oplus 1758V^{(2,1),(1)} \oplus 424V^{(2,1),(2)} \oplus 424V^{(2,1),(1,1)} \oplus 43V^{(2,1),(3)} \oplus 45V^{(2,1),(2,1)} \oplus 43V^{(2,1),(1,1,1)} \oplus 840V^{(1,1,1),\varnothing} \oplus 2166V^{(1,1,1),(1)} \oplus 588V^{(1,1,1),(2)} \oplus 588V^{(1,1,1),(1,1)} \oplus 61V^{(1,1,1),(3)} \oplus 65V^{(1,1,1),(2,1)} \oplus 61V^{(1,1,1),(1,1,1)} \oplus 270V^{(2,1,1),\varnothing} \oplus 468V^{(2,1,1),(1)} \oplus 27V^{(2,1,1),(2)} \oplus 27V^{(2,1,1),(1,1)} \oplus 420V^{(1,1,1,1),\varnothing} \oplus 632V^{(1,1,1,1),(1)} \oplus 35V^{(1,1,1,1),(2)} \oplus 35V^{(1,1,1,1),(1,1)} \oplus 116V^{(2,1,1,1),\varnothing} \oplus 9V^{(2,1,1,1),(1)} \oplus 192V^{(1,1,1,1,1),\varnothing} \oplus 11V^{(1,1,1,1,1),(1)} \oplus V^{(2,1,1,1,1),\varnothing} \oplus V^{(1,1,1,1,1,1),\varnothing}$
$k = 7: \quad 36V^{\varnothing,(1)} \oplus 30V^{\varnothing,(2)} \oplus 30V^{\varnothing,(1,1)} \oplus 24V^{\varnothing,(3)} \oplus 24V^{\varnothing,(2,1)} \oplus 24V^{\varnothing,(1,1,1)} \oplus 18V^{\varnothing,(4)} \oplus 18V^{\varnothing,(3,1)} \oplus 18V^{\varnothing,(2,1,1)} \oplus 18V^{\varnothing,(1,1,1,1)} \oplus 12V^{\varnothing,(4,1)} \oplus 12V^{\varnothing,(3,1,1)} \oplus 12V^{\varnothing,(2,1,1,1)} \oplus 6V^{\varnothing,(4,1,1)} \oplus 6V^{\varnothing,(3,1,1,1)} \oplus 400V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1360V^{(1),(3)} \oplus 1360V^{(1),(2,1)} \oplus 1360V^{(1),(1,1,1)} \oplus 550V^{(1),(4)} \oplus 650V^{(1),(3,1)} \oplus 650V^{(1),(2,1,1)} \oplus 550V^{(1),(1,1,1,1)} \oplus 204V^{(1),(4,1)} \oplus 256V^{(1),(3,1,1)} \oplus 204V^{(1),(2,1,1,1)} \oplus 3V^{(1),(4,1,1)} \oplus 3V^{(1),(3,1,1,1)} \oplus 280V^{(2),\varnothing} \oplus 2580V^{(2),(1)} \oplus 1316V^{(2),(2)} \oplus 1316V^{(2),(1,1)} \oplus 582V^{(2),(3)} \oplus 594V^{(2),(2,1)} \oplus 582V^{(2),(1,1,1)} \oplus 132V^{(2),(4)} \oplus 160V^{(2),(3,1)} \oplus 160V^{(2),(2,1,1)} \oplus 132V^{(2),(1,1,1,1)} \oplus 4V^{(2),(4,1)} \oplus 5V^{(2),(3,1,1)} \oplus 4V^{(2),(2,1,1,1)} \oplus 280V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1544V^{(1,1),(2)} \oplus 1544V^{(1,1),(1,1)} \oplus 714V^{(1,1),(3)} \oplus 738V^{(1,1),(2,1)} \oplus$

Table 203: Table for $\lambda = (2,1,1,1,1,1)$, $\mu = (3,3,1)$:

$k = 14: \quad 17V^{\varnothing,\varnothing}$
$k = 13: \quad 7898V^{\varnothing,\varnothing} \oplus 113V^{\varnothing,(1)} \oplus 515V^{(1),\varnothing}$
$k = 12: \quad 14974V^{\varnothing,\varnothing} \oplus 6876V^{\varnothing,(1)} \oplus 60V^{\varnothing,(2)} \oplus 60V^{\varnothing,(1,1)} \oplus 7764V^{(1),\varnothing} \oplus 1397V^{(1),(1)} \oplus 117V^{(2),\varnothing} \oplus 148V^{(1,1),\varnothing}$
$k = 11: \quad 14710V^{\varnothing,\varnothing} \oplus 12090V^{\varnothing,(1)} \oplus 2680V^{\varnothing,(2)} \oplus 2680V^{\varnothing,(1,1)} \oplus 25V^{\varnothing,(3)} \oplus 29V^{\varnothing,(2,1)} \oplus 20V^{\varnothing,(1,1,1)} \oplus 13362V^{(1),\varnothing} \oplus 11312V^{(1),(1)} \oplus 389V^{(1),(2)} \oplus 389V^{(1),(1,1)} \oplus 1722V^{(2),\varnothing} \oplus 339V^{(2),(1)} \oplus 2898V^{(1,1),\varnothing} \oplus 437V^{(1,1),(1)} \oplus 31V^{(2,1),\varnothing} \oplus 40V^{(1,1,1),\varnothing}$
$k = 10: \quad 10682V^{\varnothing,\varnothing} \oplus 10196V^{\varnothing,(1)} \oplus 4170V^{\varnothing,(2)} \oplus 4170V^{\varnothing,(1,1)} \oplus 672V^{\varnothing,(3)} \oplus 1384V^{\varnothing,(2,1)} \oplus 622V^{\varnothing,(1,1,1)} \oplus 11V^{\varnothing,(3,1)} \oplus 11V^{\varnothing,(2,2)} \oplus 9V^{\varnothing,(2,1,1)} \oplus 12610V^{(1),\varnothing} \oplus 19130V^{(1),(1)} \oplus 3976V^{(1),(2)} \oplus 3976V^{(1),(1,1)} \oplus 83V^{(1),(3)} \oplus 91V^{(1),(2,1)} \oplus 71V^{(1),(1,1,1)} \oplus 2808V^{(2),\varnothing} \oplus 3024V^{(2),(1)} \oplus 195V^{(2),(2)} \oplus 195V^{(2),(1,1)} \oplus 4566V^{(1,1),\varnothing} \oplus 4072V^{(1,1),(1)} \oplus 269V^{(1,1),(2)} \oplus 269V^{(1,1),(1,1)} \oplus 678V^{(2,1),\varnothing} \oplus 99V^{(2,1),(1)} \oplus 1146V^{(1,1,1),\varnothing} \oplus 125V^{(1,1,1),(1)} \oplus 9V^{(2,1,1),\varnothing} \oplus 12V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 4560V^{\varnothing,\varnothing} \oplus 5880V^{\varnothing,(1)} \oplus 2800V^{\varnothing,(2)} \oplus 2800V^{\varnothing,(1,1)} \oplus 758V^{\varnothing,(3)} \oplus 1758V^{\varnothing,(2,1)} \oplus 758V^{\varnothing,(1,1,1)} \oplus 432V^{\varnothing,(3,1)} \oplus 432V^{\varnothing,(2,2)} \oplus 380V^{\varnothing,(2,1,1)} \oplus 4V^{\varnothing,(3,2)} \oplus 3V^{\varnothing,(3,1,1)} \oplus 3V^{\varnothing,(2,2,1)} \oplus 8394V^{(1),\varnothing} \oplus 17468V^{(1),(1)} \oplus 6414V^{(1),(2)} \oplus 6414V^{(1),(1,1)} \oplus 1224V^{(1),(3)} \oplus 1720V^{(1),(2,1)} \oplus 1176V^{(1),(1,1,1)} \oplus 25V^{(1),(3,1)} \oplus 25V^{(1),(2,2)} \oplus 21V^{(1),(2,1,1)} \oplus 2376V^{(2),\varnothing} \oplus 5082V^{(2),(1)} \oplus 1092V^{(2),(2)} \oplus 1092V^{(2),(1,1)} \oplus 42V^{(2),(3)} \oplus 46V^{(2),(2,1)} \oplus 36V^{(2),(1,1,1)} \oplus 3576V^{(1,1),\varnothing} \oplus 6414V^{(1,1),(1)} \oplus 1508V^{(1,1),(2)} \oplus 1508V^{(1,1),(1,1)} \oplus 83V^{(1,1),(3)} \oplus 91V^{(1,1),(2,1)} \oplus 71V^{(1,1),(1,1,1)} \oplus 928V^{(2,1),\varnothing} \oplus 1160V^{(2,1),(1)} \oplus 75V^{(2,1),(2)} \oplus 75V^{(2,1),(1,1)} \oplus 1478V^{(1,1,1),\varnothing} \oplus 1560V^{(1,1,1),(1)} \oplus 101V^{(1,1,1),(2)} \oplus 101V^{(1,1,1),(1,1)} \oplus 288V^{(2,1,1),\varnothing} \oplus 27V^{(2,1,1),(1)} \oplus 492V^{(1,1,1,1),\varnothing} \oplus 35V^{(1,1,1,1),(1)} \oplus 3V^{(2,1,1,1),\varnothing} \oplus 4V^{(1,1,1,1,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 1620V^{\varnothing,(1)} \oplus 1056V^{\varnothing,(2)} \oplus 1056V^{\varnothing,(1,1)} \oplus 332V^{\varnothing,(3)} \oplus 852V^{\varnothing,(2,1)} \oplus 332V^{\varnothing,(1,1,1)} \oplus 336V^{\varnothing,(3,1)} \oplus 336V^{\varnothing,(2,2)} \oplus 336V^{\varnothing,(2,1,1)} \oplus 164V^{\varnothing,(3,2)} \oplus 88V^{\varnothing,(3,1,1)} \oplus 88V^{\varnothing,(2,2,1)} \oplus V^{\varnothing,(3,3)} \oplus V^{\varnothing,(3,2,1)} \oplus 3456V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 5136V^{(1),(2)} \oplus 5136V^{(1),(1,1)} \oplus 1794V^{(1),(3)} \oplus 2466V^{(1),(2,1)} \oplus 1794V^{(1),(1,1,1)} \oplus 592V^{(1),(3,1)} \oplus 592V^{(1),(2,2)} \oplus 552V^{(1),(2,1,1)} \oplus 9V^{(1),(3,2)} \oplus 7V^{(1),(3,1,1)} \oplus 7V^{(1),(2,2,1)} \oplus 1308V^{(2),\varnothing} \oplus 4352V^{(2),(1)} \oplus 1718V^{(2),(2)} \oplus 1718V^{(2),(1,1)} \oplus 356V^{(2),(3)} \oplus 452V^{(2),(2,1)} \oplus 344V^{(2),(1,1,1)} \oplus 13V^{(2),(3,1)} \oplus 13V^{(2),(2,2)} \oplus 11V^{(2),(2,1,1)} \oplus 1776V^{(1,1),\varnothing} \oplus 5136V^{(1,1),(1)} \oplus 2186V^{(1,1),(2)} \oplus 2186V^{(1,1),(1,1)} \oplus 452V^{(1,1),(3)} \oplus 644V^{(1,1),(2,1)} \oplus 428V^{(1,1),(1,1,1)} \oplus 25V^{(1,1),(3,1)} \oplus 25V^{(1,1),(2,2)} \oplus 21V^{(1,1),(2,1,1)} \oplus 596V^{(2,1),\varnothing} \oplus 1758V^{(2,1),(1)} \oplus 424V^{(2,1),(2)} \oplus 424V^{(2,1),(1,1)} \oplus 42V^{(2,1),(3)} \oplus 46V^{(2,1),(2,1)} \oplus 36V^{(2,1),(1,1,1)} \oplus 856V^{(1,1,1),\varnothing} \oplus 2166V^{(1,1,1),(1)} \oplus 588V^{(1,1,1),(2)} \oplus 588V^{(1,1,1),(1,1)} \oplus 59V^{(1,1,1),(3)} \oplus 67V^{(1,1,1),(2,1)} \oplus 47V^{(1,1,1),(1,1,1)} \oplus 276V^{(2,1,1),\varnothing} \oplus 468V^{(2,1,1),(1)} \oplus 27V^{(2,1,1),(2)} \oplus 27V^{(2,1,1),(1,1)} \oplus 426V^{(1,1,1,1),\varnothing} \oplus 632V^{(1,1,1,1),(1)} \oplus 35V^{(1,1,1,1),(2)} \oplus 35V^{(1,1,1,1),(1,1)} \oplus 118V^{(2,1,1,1),\varnothing} \oplus 9V^{(2,1,1,1),(1)} \oplus 194V^{(1,1,1,1,1),\varnothing} \oplus 11V^{(1,1,1,1,1),(1)} \oplus V^{(2,1,1,1,1),\varnothing} \oplus V^{(1,1,1,1,1,1),\varnothing}$
$k = 7: \quad 36V^{\varnothing,(1)} \oplus 30V^{\varnothing,(2)} \oplus 30V^{\varnothing,(1,1)} \oplus 24V^{\varnothing,(3)} \oplus 24V^{\varnothing,(2,1)} \oplus 24V^{\varnothing,(1,1,1)} \oplus 18V^{\varnothing,(3,1)} \oplus 18V^{\varnothing,(2,2)} \oplus 18V^{\varnothing,(2,1,1)} \oplus 12V^{\varnothing,(3,2)} \oplus 12V^{\varnothing,(3,1,1)} \oplus 12V^{\varnothing,(2,2,1)} \oplus 6V^{\varnothing,(3,3)} \oplus 6V^{\varnothing,(3,2,1)} \oplus 441V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1200V^{(1),(3)} \oplus 1520V^{(1),(2,1)} \oplus 1200V^{(1),(1,1,1)} \oplus 650V^{(1),(3,1)} \oplus 650V^{(1),(2,2)} \oplus 650V^{(1),(2,1,1)} \oplus 256V^{(1),(3,2)} \oplus 204V^{(1),(3,1,1)} \oplus 204V^{(1),(2,2,1)} \oplus 3V^{(1),(3,3)} \oplus 3V^{(1),(3,2,1)} \oplus 336V^{(2),\varnothing} \oplus 2580V^{(2),(1)} \oplus 1316V^{(2),(2)} \oplus 1316V^{(2),(1,1)} \oplus 528V^{(2),(3)} \oplus 648V^{(2),(2,1)} \oplus 528V^{(2),(1,1,1)} \oplus 160V^{(2),(3,1)} \oplus 160V^{(2),(2,2)} \oplus 152V^{(2),(2,1,1)} \oplus 5V^{(2),(3,2)} \oplus 4V^{(2),(3,1,1)} \oplus 4V^{(2),(2,2,1)} \oplus 336V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1544V^{(1,1),(2)} \oplus 1544V^{(1,1),(1,1)} \oplus 606V^{(1,1),(3)} \oplus 846V^{(1,1),(2,1)} \oplus 606V^{(1,1),(1,1,1)} \oplus 216V^{(1,1),(3,1)} \oplus 216V^{(1,1),(2,2)} \oplus 200V^{(1,1),(2,1,1)} \oplus 9V^{(1,1),(3,2)} \oplus 7V^{(1,1),(3,1,1)} \oplus 7V^{(1,1),(2,2,1)} \oplus 168V^{(2,1),\varnothing} \oplus 1200V^{(2,1),(1)} \oplus 594V^{(2,1),(2)} \oplus 594V^{(2,1),(1,1)} \oplus 144V^{(2,1),(3)} \oplus 184V^{(2,1),(2,1)} \oplus$

Table 204: Table for $\lambda = (2,1,1,1,1,1)$, $\mu = (3,2,2)$:

$k = 14: \quad 17V^{\varnothing,\varnothing}$
$k = 13: \quad 7898V^{\varnothing,\varnothing} \oplus 113V^{\varnothing,(1)} \oplus 515V^{(1),\varnothing}$
$k = 12: \quad 14974V^{\varnothing,\varnothing} \oplus 6876V^{\varnothing,(1)} \oplus 60V^{\varnothing,(2)} \oplus 60V^{\varnothing,(1,1)} \oplus 7764V^{(1),\varnothing} \oplus 1397V^{(1),(1)} \oplus 117V^{(2),\varnothing} \oplus 148V^{(1,1),\varnothing}$
$k = 11: \quad 14710V^{\varnothing,\varnothing} \oplus 12090V^{\varnothing,(1)} \oplus 2680V^{\varnothing,(2)} \oplus 2680V^{\varnothing,(1,1)} \oplus 20V^{\varnothing,(3)} \oplus 29V^{\varnothing,(2,1)} \oplus 25V^{\varnothing,(1,1,1)} \oplus 13362V^{(1),\varnothing} \oplus 11312V^{(1),(1)} \oplus 389V^{(1),(2)} \oplus 389V^{(1),(1,1)} \oplus 1722V^{(2),\varnothing} \oplus 339V^{(2),(1)} \oplus 2898V^{(1,1),\varnothing} \oplus 437V^{(1,1),(1)} \oplus 31V^{(2,1),\varnothing} \oplus 40V^{(1,1,1),\varnothing}$
$k = 10: \quad 10682V^{\varnothing,\varnothing} \oplus 10196V^{\varnothing,(1)} \oplus 4170V^{\varnothing,(2)} \oplus 4170V^{\varnothing,(1,1)} \oplus 622V^{\varnothing,(3)} \oplus 1384V^{\varnothing,(2,1)} \oplus 672V^{\varnothing,(1,1,1)} \oplus 9V^{\varnothing,(3,1)} \oplus 11V^{\varnothing,(2,2)} \oplus 11V^{\varnothing,(2,1,1)} \oplus 12610V^{(1),\varnothing} \oplus 19130V^{(1),(1)} \oplus 3976V^{(1),(2)} \oplus 3976V^{(1),(1,1)} \oplus 71V^{(1),(3)} \oplus 91V^{(1),(2,1)} \oplus 83V^{(1),(1,1,1)} \oplus 2808V^{(2),\varnothing} \oplus 3024V^{(2),(1)} \oplus 195V^{(2),(2)} \oplus 195V^{(2),(1,1)} \oplus 4566V^{(1,1),\varnothing} \oplus 4072V^{(1,1),(1)} \oplus 269V^{(1,1),(2)} \oplus 269V^{(1,1),(1,1)} \oplus 678V^{(2,1),\varnothing} \oplus 99V^{(2,1),(1)} \oplus 1146V^{(1,1,1),\varnothing} \oplus 125V^{(1,1,1),(1)} \oplus 9V^{(2,1,1),\varnothing} \oplus 12V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 4560V^{\varnothing,\varnothing} \oplus 5880V^{\varnothing,(1)} \oplus 2800V^{\varnothing,(2)} \oplus 2800V^{\varnothing,(1,1)} \oplus 758V^{\varnothing,(3)} \oplus 1758V^{\varnothing,(2,1)} \oplus 758V^{\varnothing,(1,1,1)} \oplus 380V^{\varnothing,(3,1)} \oplus 432V^{\varnothing,(2,2)} \oplus 432V^{\varnothing,(2,1,1)} \oplus 3V^{\varnothing,(3,2)} \oplus 3V^{\varnothing,(3,1,1)} \oplus 4V^{\varnothing,(2,2,1)} \oplus 8394V^{(1),\varnothing} \oplus 17468V^{(1),(1)} \oplus 6414V^{(1),(2)} \oplus 6414V^{(1),(1,1)} \oplus 1176V^{(1),(3)} \oplus 1720V^{(1),(2,1)} \oplus 1224V^{(1),(1,1,1)} \oplus 21V^{(1),(3,1)} \oplus 25V^{(1),(2,2)} \oplus 25V^{(1),(2,1,1)} \oplus 2376V^{(2),\varnothing} \oplus 5082V^{(2),(1)} \oplus 1092V^{(2),(2)} \oplus 1092V^{(2),(1,1)} \oplus 36V^{(2),(3)} \oplus 46V^{(2),(2,1)} \oplus 42V^{(2),(1,1,1)} \oplus 3576V^{(1,1),\varnothing} \oplus 6414V^{(1,1),(1)} \oplus 1508V^{(1,1),(2)} \oplus 1508V^{(1,1),(1,1)} \oplus 71V^{(1,1),(3)} \oplus 91V^{(1,1),(2,1)} \oplus 83V^{(1,1),(1,1,1)} \oplus 928V^{(2,1),\varnothing} \oplus 1160V^{(2,1),(1)} \oplus 75V^{(2,1),(2)} \oplus 75V^{(2,1),(1,1)} \oplus 1478V^{(1,1,1),\varnothing} \oplus 1560V^{(1,1,1),(1)} \oplus 101V^{(1,1,1),(2)} \oplus 101V^{(1,1,1),(1,1)} \oplus 288V^{(2,1,1),\varnothing} \oplus 27V^{(2,1,1),(1)} \oplus 492V^{(1,1,1,1),\varnothing} \oplus 35V^{(1,1,1,1),(1)} \oplus 3V^{(2,1,1,1),\varnothing} \oplus 4V^{(1,1,1,1,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 1620V^{\varnothing,(1)} \oplus 1056V^{\varnothing,(2)} \oplus 1056V^{\varnothing,(1,1)} \oplus 332V^{\varnothing,(3)} \oplus 852V^{\varnothing,(2,1)} \oplus 332V^{\varnothing,(1,1,1)} \oplus 336V^{\varnothing,(3,1)} \oplus 336V^{\varnothing,(2,2)} \oplus 336V^{\varnothing,(2,1,1)} \oplus 88V^{\varnothing,(3,2)} \oplus 88V^{\varnothing,(3,1,1)} \oplus 164V^{\varnothing,(2,2,1)} \oplus V^{\varnothing,(3,2,1)} \oplus V^{\varnothing,(2,2,2)} \oplus 3456V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 5136V^{(1),(2)} \oplus 5136V^{(1),(1,1)} \oplus 1794V^{(1),(3)} \oplus 2466V^{(1),(2,1)} \oplus 1794V^{(1),(1,1,1)} \oplus 552V^{(1),(3,1)} \oplus 592V^{(1),(2,2)} \oplus 592V^{(1),(2,1,1)} \oplus 7V^{(1),(3,2)} \oplus 7V^{(1),(3,1,1)} \oplus 9V^{(1),(2,2,1)} \oplus 1308V^{(2),\varnothing} \oplus 4352V^{(2),(1)} \oplus 1718V^{(2),(2)} \oplus 1718V^{(2),(1,1)} \oplus 344V^{(2),(3)} \oplus 452V^{(2),(2,1)} \oplus 356V^{(2),(1,1,1)} \oplus 11V^{(2),(3,1)} \oplus 13V^{(2),(2,2)} \oplus 13V^{(2),(2,1,1)} \oplus 1776V^{(1,1),\varnothing} \oplus 5136V^{(1,1),(1)} \oplus 2186V^{(1,1),(2)} \oplus 2186V^{(1,1),(1,1)} \oplus 428V^{(1,1),(3)} \oplus 644V^{(1,1),(2,1)} \oplus 452V^{(1,1),(1,1,1)} \oplus 21V^{(1,1),(3,1)} \oplus 25V^{(1,1),(2,2)} \oplus 25V^{(1,1),(2,1,1)} \oplus 596V^{(2,1),\varnothing} \oplus 1758V^{(2,1),(1)} \oplus 424V^{(2,1),(2)} \oplus 424V^{(2,1),(1,1)} \oplus 36V^{(2,1),(3)} \oplus 46V^{(2,1),(2,1)} \oplus 42V^{(2,1),(1,1,1)} \oplus 856V^{(1,1,1),\varnothing} \oplus 2166V^{(1,1,1),(1)} \oplus 588V^{(1,1,1),(2)} \oplus 588V^{(1,1,1),(1,1)} \oplus 47V^{(1,1,1),(3)} \oplus 67V^{(1,1,1),(2,1)} \oplus 59V^{(1,1,1),(1,1,1)} \oplus 276V^{(2,1,1),\varnothing} \oplus 468V^{(2,1,1),(1)} \oplus 27V^{(2,1,1),(2)} \oplus 27V^{(2,1,1),(1,1)} \oplus 426V^{(1,1,1,1),\varnothing} \oplus 632V^{(1,1,1,1),(1)} \oplus 35V^{(1,1,1,1),(2)} \oplus 35V^{(1,1,1,1),(1,1)} \oplus 118V^{(2,1,1,1),\varnothing} \oplus 9V^{(2,1,1,1),(1)} \oplus 194V^{(1,1,1,1,1),\varnothing} \oplus 11V^{(1,1,1,1,1),(1)} \oplus V^{(2,1,1,1,1),\varnothing} \oplus V^{(1,1,1,1,1,1),\varnothing}$
$k = 7: \quad 36V^{\varnothing,(1)} \oplus 30V^{\varnothing,(2)} \oplus 30V^{\varnothing,(1,1)} \oplus 24V^{\varnothing,(3)} \oplus 24V^{\varnothing,(2,1)} \oplus 24V^{\varnothing,(1,1,1)} \oplus 18V^{\varnothing,(3,1)} \oplus 18V^{\varnothing,(2,2)} \oplus 18V^{\varnothing,(2,1,1)} \oplus 12V^{\varnothing,(3,2)} \oplus 12V^{\varnothing,(3,1,1)} \oplus 12V^{\varnothing,(2,2,1)} \oplus 6V^{\varnothing,(3,2,1)} \oplus 6V^{\varnothing,(2,2,2)} \oplus 441V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1200V^{(1),(3)} \oplus 1520V^{(1),(2,1)} \oplus 1200V^{(1),(1,1,1)} \oplus 650V^{(1),(3,1)} \oplus 650V^{(1),(2,2)} \oplus 650V^{(1),(2,1,1)} \oplus 204V^{(1),(3,2)} \oplus 204V^{(1),(3,1,1)} \oplus 256V^{(1),(2,2,1)} \oplus 3V^{(1),(3,2,1)} \oplus 3V^{(1),(2,2,2)} \oplus 336V^{(2),\varnothing} \oplus 2580V^{(2),(1)} \oplus 1316V^{(2),(2)} \oplus 1316V^{(2),(1,1)} \oplus 528V^{(2),(3)} \oplus 648V^{(2),(2,1)} \oplus 528V^{(2),(1,1,1)} \oplus 152V^{(2),(3,1)} \oplus 160V^{(2),(2,2)} \oplus 160V^{(2),(2,1,1)} \oplus 4V^{(2),(3,2)} \oplus 4V^{(2),(3,1,1)} \oplus 5V^{(2),(2,2,1)} \oplus 336V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1544V^{(1,1),(2)} \oplus 1544V^{(1,1),(1,1)} \oplus 606V^{(1,1),(3)} \oplus 846V^{(1,1),(2,1)} \oplus 606V^{(1,1),(1,1,1)} \oplus 200V^{(1,1),(3,1)} \oplus 216V^{(1,1),(2,2)} \oplus 216V^{(1,1),(2,1,1)} \oplus 7V^{(1,1),(3,2)} \oplus 7V^{(1,1),(3,1,1)} \oplus 9V^{(1,1),(2,2,1)} \oplus 168V^{(2,1),\varnothing} \oplus 1200V^{(2,1),(1)} \oplus 594V^{(2,1),(2)} \oplus 594V^{(2,1),(1,1)} \oplus 138V^{(2,1),(3)} \oplus 184V^{(2,1),(2,1)} \oplus$

Table 205: Table for $\lambda = (2,1,1,1,1,1)$, $\mu = (3,2,1,1)$:

$k = 14: \quad 34V^{\varnothing,\varnothing}$
$k = 13: \quad 8062V^{\varnothing,\varnothing} \oplus 145V^{\varnothing,(1)} \oplus 705V^{(1),\varnothing}$
$k = 12: \quad 15192V^{\varnothing,\varnothing} \oplus 7190V^{\varnothing,(1)} \oplus 75V^{\varnothing,(2)} \oplus 77V^{\varnothing,(1,1)} \oplus 8908V^{(1),\varnothing} \oplus 1697V^{(1),(1)} \oplus 134V^{(2),\varnothing} \oplus 166V^{(1,1),\varnothing}$
$k = 11: \quad 14884V^{\varnothing,\varnothing} \oplus 12420V^{\varnothing,(1)} \oplus 2820V^{\varnothing,(2)} \oplus 3028V^{\varnothing,(1,1)} \oplus 25V^{\varnothing,(3)} \oplus 36V^{\varnothing,(2,1)} \oplus 33V^{\varnothing,(1,1,1)} \oplus 15474V^{(1),\varnothing} \oplus 11936V^{(1),(1)} \oplus 449V^{(1),(2)} \oplus 453V^{(1),(1,1)} \oplus 2090V^{(2),\varnothing} \oplus 489V^{(2),(1)} \oplus 3270V^{(1,1),\varnothing} \oplus 617V^{(1,1),(1)} \oplus 32V^{(2,1),\varnothing} \oplus 41V^{(1,1,1),\varnothing}$
$k = 10: \quad 10976V^{\varnothing,\varnothing} \oplus 10316V^{\varnothing,(1)} \oplus 4260V^{\varnothing,(2)} \oplus 4560V^{\varnothing,(1,1)} \oplus 672V^{\varnothing,(3)} \oplus 1538V^{\varnothing,(2,1)} \oplus 1130V^{\varnothing,(1,1,1)} \oplus 11V^{\varnothing,(3,1)} \oplus 11V^{\varnothing,(2,2)} \oplus 14V^{\varnothing,(2,1,1)} \oplus 10V^{\varnothing,(1,1,1,1)} \oplus 15214V^{(1),\varnothing} \oplus 19442V^{(1),(1)} \oplus 4168V^{(1),(2)} \oplus 4328V^{(1),(1,1)} \oplus 83V^{(1),(3)} \oplus 107V^{(1),(2,1)} \oplus 101V^{(1),(1,1,1)} \oplus 3508V^{(2),\varnothing} \oplus 3120V^{(2),(1)} \oplus 225V^{(2),(2)} \oplus 227V^{(2),(1,1)} \oplus 5266V^{(1,1),\varnothing} \oplus 4264V^{(1,1),(1)} \oplus 329V^{(1,1),(2)} \oplus 333V^{(1,1),(1,1)} \oplus 818V^{(2,1),\varnothing} \oplus 129V^{(2,1),(1)} \oplus 1286V^{(1,1,1),\varnothing} \oplus 161V^{(1,1,1),(1)} \oplus 9V^{(2,1,1),\varnothing} \oplus 12V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 4770V^{\varnothing,\varnothing} \oplus 5880V^{\varnothing,(1)} \oplus 2800V^{\varnothing,(2)} \oplus 2960V^{\varnothing,(1,1)} \oplus 758V^{\varnothing,(3)} \oplus 1858V^{\varnothing,(2,1)} \oplus 1308V^{\varnothing,(1,1,1)} \oplus 432V^{\varnothing,(3,1)} \oplus 432V^{\varnothing,(2,2)} \oplus 636V^{\varnothing,(2,1,1)} \oplus 280V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(3,2)} \oplus 4V^{\varnothing,(3,1,1)} \oplus 4V^{\varnothing,(2,2,1)} \oplus 4V^{\varnothing,(2,1,1,1)} \oplus 11425V^{(1),\varnothing} \oplus 17540V^{(1),(1)} \oplus 6486V^{(1),(2)} \oplus 6702V^{(1),(1,1)} \oplus 1224V^{(1),(3)} \oplus 1848V^{(1),(2,1)} \oplus 1560V^{(1),(1,1,1)} \oplus 25V^{(1),(3,1)} \oplus 25V^{(1),(2,2)} \oplus 31V^{(1),(2,1,1)} \oplus 23V^{(1),(1,1,1,1)} \oplus 3160V^{(2),\varnothing} \oplus 5118V^{(2),(1)} \oplus 1140V^{(2),(2)} \oplus 1172V^{(2),(1,1)} \oplus 42V^{(2),(3)} \oplus 54V^{(2),(2,1)} \oplus 51V^{(2),(1,1,1)} \oplus 4360V^{(1,1),\varnothing} \oplus 6486V^{(1,1),(1)} \oplus 1604V^{(1,1),(2)} \oplus 1668V^{(1,1),(1,1)} \oplus 83V^{(1,1),(3)} \oplus 107V^{(1,1),(2,1)} \oplus 101V^{(1,1),(1,1,1)} \oplus 1180V^{(2,1),\varnothing} \oplus 1184V^{(2,1),(1)} \oplus 105V^{(2,1),(2)} \oplus 107V^{(2,1),(1,1)} \oplus 1730V^{(1,1,1),\varnothing} \oplus 1608V^{(1,1,1),(1)} \oplus 137V^{(1,1,1),(2)} \oplus 141V^{(1,1,1),(1,1)} \oplus 344V^{(2,1,1),\varnothing} \oplus 33V^{(2,1,1),(1)} \oplus 548V^{(1,1,1,1),\varnothing} \oplus 41V^{(1,1,1,1),(1)} \oplus 3V^{(2,1,1,1),\varnothing} \oplus 4V^{(1,1,1,1,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 1620V^{\varnothing,(1)} \oplus 1056V^{\varnothing,(2)} \oplus 1056V^{\varnothing,(1,1)} \oplus 332V^{\varnothing,(3)} \oplus 852V^{\varnothing,(2,1)} \oplus 592V^{\varnothing,(1,1,1)} \oplus 336V^{\varnothing,(3,1)} \oplus 336V^{\varnothing,(2,2)} \oplus 486V^{\varnothing,(2,1,1)} \oplus 186V^{\varnothing,(1,1,1,1)} \oplus 88V^{\varnothing,(3,2)} \oplus 164V^{\varnothing,(3,1,1)} \oplus 164V^{\varnothing,(2,2,1)} \oplus 164V^{\varnothing,(2,1,1,1)} \oplus V^{\varnothing,(3,2,1)} \oplus V^{\varnothing,(3,1,1,1)} \oplus V^{\varnothing,(2,2,1,1)} \oplus 5640V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 5136V^{(1),(2)} \oplus 5232V^{(1),(1,1)} \oplus 1794V^{(1),(3)} \oplus 2538V^{(1),(2,1)} \oplus 2166V^{(1),(1,1,1)} \oplus 592V^{(1),(3,1)} \oplus 592V^{(1),(2,2)} \oplus 736V^{(1),(2,1,1)} \oplus 488V^{(1),(1,1,1,1)} \oplus 7V^{(1),(3,2)} \oplus 9V^{(1),(3,1,1)} \oplus 9V^{(1),(2,2,1)} \oplus 9V^{(1),(2,1,1,1)} \oplus 2043V^{(2),\varnothing} \oplus 4352V^{(2),(1)} \oplus 1730V^{(2),(2)} \oplus 1766V^{(2),(1,1)} \oplus 356V^{(2),(3)} \oplus 480V^{(2),(2,1)} \oplus 424V^{(2),(1,1,1)} \oplus 13V^{(2),(3,1)} \oplus 13V^{(2),(2,2)} \oplus 16V^{(2),(2,1,1)} \oplus 12V^{(2),(1,1,1,1)} \oplus 2511V^{(1,1),\varnothing} \oplus 5136V^{(1,1),(1)} \oplus 2210V^{(1,1),(2)} \oplus 2282V^{(1,1),(1,1)} \oplus 452V^{(1,1),(3)} \oplus 700V^{(1,1),(2,1)} \oplus 588V^{(1,1),(1,1,1)} \oplus 25V^{(1,1),(3,1)} \oplus 25V^{(1,1),(2,2)} \oplus 31V^{(1,1),(2,1,1)} \oplus 23V^{(1,1),(1,1,1,1)} \oplus 820V^{(2,1),\varnothing} \oplus 1758V^{(2,1),(1)} \oplus 436V^{(2,1),(2)} \oplus 452V^{(2,1),(1,1)} \oplus 42V^{(2,1),(3)} \oplus 54V^{(2,1),(2,1)} \oplus 51V^{(2,1),(1,1,1)} \oplus 1080V^{(1,1,1),\varnothing} \oplus 2166V^{(1,1,1),(1)} \oplus 612V^{(1,1,1),(2)} \oplus 644V^{(1,1,1),(1,1)} \oplus 59V^{(1,1,1),(3)} \oplus 83V^{(1,1,1),(2,1)} \oplus 77V^{(1,1,1),(1,1,1)} \oplus 360V^{(2,1,1),\varnothing} \oplus 468V^{(2,1,1),(1)} \oplus 33V^{(2,1,1),(2)} \oplus 35V^{(2,1,1),(1,1)} \oplus 510V^{(1,1,1,1),\varnothing} \oplus 632V^{(1,1,1,1),(1)} \oplus 41V^{(1,1,1,1),(2)} \oplus 45V^{(1,1,1,1),(1,1)} \oplus 146V^{(2,1,1,1),\varnothing} \oplus 9V^{(2,1,1,1),(1)} \oplus 222V^{(1,1,1,1,1),\varnothing} \oplus 11V^{(1,1,1,1,1),(1)} \oplus V^{(2,1,1,1,1),\varnothing} \oplus V^{(1,1,1,1,1,1),\varnothing}$
$k = 7: \quad 36V^{\varnothing,(1)} \oplus 30V^{\varnothing,(2)} \oplus 30V^{\varnothing,(1,1)} \oplus 24V^{\varnothing,(3)} \oplus 24V^{\varnothing,(2,1)} \oplus 24V^{\varnothing,(1,1,1)} \oplus 18V^{\varnothing,(3,1)} \oplus 18V^{\varnothing,(2,2)} \oplus 18V^{\varnothing,(2,1,1)} \oplus 18V^{\varnothing,(1,1,1,1)} \oplus 12V^{\varnothing,(3,2)} \oplus 12V^{\varnothing,(3,1,1)} \oplus 12V^{\varnothing,(2,2,1)} \oplus 12V^{\varnothing,(2,1,1,1)} \oplus 6V^{\varnothing,(3,2,1)} \oplus 6V^{\varnothing,(3,1,1,1)} \oplus 6V^{\varnothing,(2,2,1,1)} \oplus 1225V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1200V^{(1),(3)} \oplus 1520V^{(1),(2,1)} \oplus 1360V^{(1),(1,1,1)} \oplus 650V^{(1),(3,1)} \oplus 650V^{(1),(2,2)} \oplus 750V^{(1),(2,1,1)} \oplus 550V^{(1),(1,1,1,1)} \oplus 204V^{(1),(3,2)} \oplus 256V^{(1),(3,1,1)} \oplus 256V^{(1),(2,2,1)} \oplus 256V^{(1),(2,1,1,1)} \oplus 3V^{(1),(3,2,1)} \oplus 3V^{(1),(3,1,1,1)} \oplus 3V^{(1),(2,2,1,1)} \oplus 700V^{(2),\varnothing} \oplus 2580V^{(2),(1)} \oplus 1316V^{(2),(2)} \oplus 1328V^{(2),(1,1)} \oplus 528V^{(2),(3)} \oplus 660V^{(2),(2,1)} \oplus 594V^{(2),(1,1,1)} \oplus 160V^{(2),(3,1)} \oplus 160V^{(2),(2,2)} \oplus 188V^{(2),(2,1,1)} \oplus 140V^{(2),(1,1,1,1)} \oplus 4V^{(2),(3,2)} \oplus 5V^{(2),(3,1,1)} \oplus 5V^{(2),(2,2,1)} \oplus$

Table 206: Table for $\lambda = (2,1,1,1,1,1)$, $\mu = (3,1,1,1,1)$:

$k = 14: \quad 60V^{\varnothing,\varnothing}$
$k = 13: \quad 7971V^{\varnothing,\varnothing} \oplus 113V^{\varnothing,(1)} \oplus 287V^{(1),\varnothing}$
$k = 12: \quad 14954V^{\varnothing,\varnothing} \oplus 6876V^{\varnothing,(1)} \oplus 53V^{\varnothing,(2)} \oplus 60V^{\varnothing,(1,1)} \oplus 7128V^{(1),\varnothing} \oplus 1397V^{(1),(1)} \oplus 81V^{(2),\varnothing} \oplus 109V^{(1,1),\varnothing}$
$k = 11: \quad 14644V^{\varnothing,\varnothing} \oplus 12090V^{\varnothing,(1)} \oplus 2372V^{\varnothing,(2)} \oplus 2680V^{\varnothing,(1,1)} \oplus 18V^{\varnothing,(3)} \oplus 26V^{\varnothing,(2,1)} \oplus 28V^{\varnothing,(1,1,1)} \oplus 12426V^{(1),\varnothing} \oplus 11312V^{(1),(1)} \oplus 373V^{(1),(2)} \oplus 389V^{(1),(1,1)} \oplus 1554V^{(2),\varnothing} \oplus 339V^{(2),(1)} \oplus 2718V^{(1,1),\varnothing} \oplus 437V^{(1,1),(1)} \oplus 28V^{(2,1),\varnothing} \oplus 37V^{(1,1,1),\varnothing}$
$k = 10: \quad 10736V^{\varnothing,\varnothing} \oplus 10196V^{\varnothing,(1)} \oplus 3780V^{\varnothing,(2)} \oplus 4170V^{\varnothing,(1,1)} \oplus 518V^{\varnothing,(3)} \oplus 976V^{\varnothing,(2,1)} \oplus 1080V^{\varnothing,(1,1,1)} \oplus 8V^{\varnothing,(3,1)} \oplus 11V^{\varnothing,(2,1,1)} \oplus 11V^{\varnothing,(1,1,1,1)} \oplus 11494V^{(1),\varnothing} \oplus 19130V^{(1),(1)} \oplus 3720V^{(1),(2)} \oplus 3976V^{(1),(1,1)} \oplus 67V^{(1),(3)} \oplus 85V^{(1),(2,1)} \oplus 89V^{(1),(1,1,1)} \oplus 2508V^{(2),\varnothing} \oplus 3024V^{(2),(1)} \oplus 187V^{(2),(2)} \oplus 195V^{(2),(1,1)} \oplus 4266V^{(1,1),\varnothing} \oplus 4072V^{(1,1),(1)} \oplus 253V^{(1,1),(2)} \oplus 269V^{(1,1),(1,1)} \oplus 618V^{(2,1),\varnothing} \oplus 99V^{(2,1),(1)} \oplus 1086V^{(1,1,1),\varnothing} \oplus 125V^{(1,1,1),(1)} \oplus 9V^{(2,1,1),\varnothing} \oplus 12V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 4740V^{\varnothing,\varnothing} \oplus 5880V^{\varnothing,(1)} \oplus 2640V^{\varnothing,(2)} \oplus 2800V^{\varnothing,(1,1)} \oplus 658V^{\varnothing,(3)} \oplus 1208V^{\varnothing,(2,1)} \oplus 1308V^{\varnothing,(1,1,1)} \oplus 228V^{\varnothing,(3,1)} \oplus 432V^{\varnothing,(2,1,1)} \oplus 432V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(3,1,1)} \oplus 4V^{\varnothing,(2,1,1,1)} \oplus 3V^{\varnothing,(1,1,1,1,1)} \oplus 7185V^{(1),\varnothing} \oplus 17468V^{(1),(1)} \oplus 6126V^{(1),(2)} \oplus 6414V^{(1),(1,1)} \oplus 1096V^{(1),(3)} \oplus 1432V^{(1),(2,1)} \oplus 1512V^{(1),(1,1,1)} \oplus 19V^{(1),(3,1)} \oplus 25V^{(1),(2,1,1)} \oplus 25V^{(1),(1,1,1,1)} \oplus 2040V^{(2),\varnothing} \oplus 5082V^{(2),(1)} \oplus 1036V^{(2),(2)} \oplus 1092V^{(2),(1,1)} \oplus 34V^{(2),(3)} \oplus 43V^{(2),(2,1)} \oplus 45V^{(2),(1,1,1)} \oplus 3240V^{(1,1),\varnothing} \oplus 6414V^{(1,1),(1)} \oplus 1396V^{(1,1),(2)} \oplus 1508V^{(1,1),(1,1)} \oplus 67V^{(1,1),(3)} \oplus 85V^{(1,1),(2,1)} \oplus 89V^{(1,1),(1,1,1)} \oplus 820V^{(2,1),\varnothing} \oplus 1160V^{(2,1),(1)} \oplus 67V^{(2,1),(2)} \oplus 75V^{(2,1),(1,1)} \oplus 1370V^{(1,1,1),\varnothing} \oplus 1560V^{(1,1,1),(1)} \oplus 85V^{(1,1,1),(2)} \oplus 101V^{(1,1,1),(1,1)} \oplus 264V^{(2,1,1),\varnothing} \oplus 27V^{(2,1,1),(1)} \oplus 468V^{(1,1,1,1),\varnothing} \oplus 35V^{(1,1,1,1),(1)} \oplus 3V^{(2,1,1,1),\varnothing} \oplus 4V^{(1,1,1,1,1),\varnothing}$
$k = 8: \quad 810V^{\varnothing,\varnothing} \oplus 1620V^{\varnothing,(1)} \oplus 1056V^{\varnothing,(2)} \oplus 1056V^{\varnothing,(1,1)} \oplus 332V^{\varnothing,(3)} \oplus 592V^{\varnothing,(2,1)} \oplus 592V^{\varnothing,(1,1,1)} \oplus 186V^{\varnothing,(3,1)} \oplus 336V^{\varnothing,(2,1,1)} \oplus 336V^{\varnothing,(1,1,1,1)} \oplus 88V^{\varnothing,(3,1,1)} \oplus 164V^{\varnothing,(2,1,1,1)} \oplus 88V^{\varnothing,(1,1,1,1,1)} \oplus V^{\varnothing,(3,1,1,1)} \oplus V^{\varnothing,(2,1,1,1,1)} \oplus 2430V^{(1),\varnothing} \oplus 11924V^{(1),(1)} \oplus 5040V^{(1),(2)} \oplus 5136V^{(1),(1,1)} \oplus 1722V^{(1),(3)} \oplus 2094V^{(1),(2,1)} \oplus 2166V^{(1),(1,1,1)} \oplus 448V^{(1),(3,1)} \oplus 592V^{(1),(2,1,1)} \oplus 592V^{(1),(1,1,1,1)} \oplus 7V^{(1),(3,1,1)} \oplus 9V^{(1),(2,1,1,1)} \oplus 7V^{(1),(1,1,1,1,1)} \oplus 993V^{(2),\varnothing} \oplus 4352V^{(2),(1)} \oplus 1670V^{(2),(2)} \oplus 1718V^{(2),(1,1)} \oplus 328V^{(2),(3)} \oplus 396V^{(2),(2,1)} \oplus 412V^{(2),(1,1,1)} \oplus 10V^{(2),(3,1)} \oplus 13V^{(2),(2,1,1)} \oplus 13V^{(2),(1,1,1,1)} \oplus 1461V^{(1,1),\varnothing} \oplus 5136V^{(1,1),(1)} \oplus 2090V^{(1,1),(2)} \oplus 2186V^{(1,1),(1,1)} \oplus 396V^{(1,1),(3)} \oplus 532V^{(1,1),(2,1)} \oplus 564V^{(1,1),(1,1,1)} \oplus 19V^{(1,1),(3,1)} \oplus 25V^{(1,1),(2,1,1)} \oplus 25V^{(1,1),(1,1,1,1)} \oplus 500V^{(2,1),\varnothing} \oplus 1758V^{(2,1),(1)} \oplus 396V^{(2,1),(2)} \oplus 424V^{(2,1),(1,1)} \oplus 34V^{(2,1),(3)} \oplus 43V^{(2,1),(2,1)} \oplus 45V^{(2,1),(1,1,1)} \oplus 760V^{(1,1,1),\varnothing} \oplus 2166V^{(1,1,1),(1)} \oplus 532V^{(1,1,1),(2)} \oplus 588V^{(1,1,1),(1,1)} \oplus 43V^{(1,1,1),(3)} \oplus 61V^{(1,1,1),(2,1)} \oplus 65V^{(1,1,1),(1,1,1)} \oplus 240V^{(2,1,1),\varnothing} \oplus 468V^{(2,1,1),(1)} \oplus 19V^{(2,1,1),(2)} \oplus 27V^{(2,1,1),(1,1)} \oplus 390V^{(1,1,1,1),\varnothing} \oplus 632V^{(1,1,1,1),(1)} \oplus 25V^{(1,1,1,1),(2)} \oplus 35V^{(1,1,1,1),(1,1)} \oplus 106V^{(2,1,1,1),\varnothing} \oplus 9V^{(2,1,1,1),(1)} \oplus 182V^{(1,1,1,1,1),\varnothing} \oplus 11V^{(1,1,1,1,1),(1)} \oplus V^{(2,1,1,1,1),\varnothing} \oplus V^{(1,1,1,1,1,1),\varnothing}$
$k = 7: \quad 36V^{\varnothing,(1)} \oplus 30V^{\varnothing,(2)} \oplus 30V^{\varnothing,(1,1)} \oplus 24V^{\varnothing,(3)} \oplus 24V^{\varnothing,(2,1)} \oplus 24V^{\varnothing,(1,1,1)} \oplus 18V^{\varnothing,(3,1)} \oplus 18V^{\varnothing,(2,1,1)} \oplus 18V^{\varnothing,(1,1,1,1)} \oplus 12V^{\varnothing,(3,1,1)} \oplus 12V^{\varnothing,(2,1,1,1)} \oplus 12V^{\varnothing,(1,1,1,1,1)} \oplus 6V^{\varnothing,(3,1,1,1)} \oplus 6V^{\varnothing,(2,1,1,1,1)} \oplus 225V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2820V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1200V^{(1),(3)} \oplus 1360V^{(1),(2,1)} \oplus 1360V^{(1),(1,1,1)} \oplus 550V^{(1),(3,1)} \oplus 650V^{(1),(2,1,1)} \oplus 650V^{(1),(1,1,1,1)} \oplus 204V^{(1),(3,1,1)} \oplus 256V^{(1),(2,1,1,1)} \oplus 204V^{(1),(1,1,1,1,1)} \oplus 3V^{(1),(3,1,1,1)} \oplus 3V^{(1),(2,1,1,1,1)} \oplus 165V^{(2),\varnothing} \oplus 2580V^{(2),(1)} \oplus 1304V^{(2),(2)} \oplus 1316V^{(2),(1,1)} \oplus 516V^{(2),(3)} \oplus 582V^{(2),(2,1)} \oplus 594V^{(2),(1,1,1)} \oplus 132V^{(2),(3,1)} \oplus 160V^{(2),(2,1,1)} \oplus 160V^{(2),(1,1,1,1)} \oplus 4V^{(2),(3,1,1)} \oplus 5V^{(2),(2,1,1,1)} \oplus 4V^{(2),(1,1,1,1,1)} \oplus 165V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1520V^{(1,1),(2)} \oplus 1544V^{(1,1),(1,1)} \oplus 582V^{(1,1),(3)} \oplus 714V^{(1,1),(2,1)} \oplus 738V^{(1,1),(1,1,1)} \oplus 160V^{(1,1),(3,1)} \oplus 216V^{(1,1),(2,1,1)} \oplus 216V^{(1,1),(1,1,1,1)} \oplus 7V^{(1,1),(3,1,1)} \oplus 9V^{(1,1),(2,1,1,1)} \oplus 7V^{(1,1),(1,1,1,1,1)} \oplus 105V^{(2,1),\varnothing} \oplus 1200V^{(2,1),(1)} \oplus 582V^{(2,1),(2)} \oplus 594V^{(2,1),(1,1)} \oplus 130V^{(2,1),(3)} \oplus 160V^{(2,1),(2,1)} \oplus$

Table 207: Table for $\lambda = (2,1,1,1,1,1)$, $\mu = (2,2,2,1)$:

$k = 14: \quad 34V^{\varnothing,\varnothing}$
$k = 13: \quad 7936V^{\varnothing,\varnothing} \oplus 101V^{\varnothing,(1)} \oplus 232V^{(1),\varnothing}$
$k = 12: \quad 14940V^{\varnothing,\varnothing} \oplus 6276V^{\varnothing,(1)} \oplus 52V^{\varnothing,(2)} \oplus 55V^{\varnothing,(1,1)} \oplus 6844V^{(1),\varnothing} \oplus 1345V^{(1),(1)} \oplus 63V^{(2),\varnothing} \oplus 85V^{(1,1),\varnothing}$
$k = 11: \quad 14632V^{\varnothing,\varnothing} \oplus 11130V^{\varnothing,(1)} \oplus 1612V^{\varnothing,(2)} \oplus 2580V^{\varnothing,(1,1)} \oplus 26V^{\varnothing,(2,1)} \oplus 26V^{\varnothing,(1,1,1)} \oplus 12108V^{(1),\varnothing} \oplus 10720V^{(1),(1)} \oplus 371V^{(1),(2)} \oplus 377V^{(1),(1,1)} \oplus 1488V^{(2),\varnothing} \oplus 313V^{(2),(1)} \oplus 2612V^{(1,1),\varnothing} \oplus 385V^{(1,1),(1)} \oplus 22V^{(2,1),\varnothing} \oplus 30V^{(1,1,1),\varnothing}$
$k = 10: \quad 10724V^{\varnothing,\varnothing} \oplus 9556V^{\varnothing,(1)} \oplus 2430V^{\varnothing,(2)} \oplus 4080V^{\varnothing,(1,1)} \oplus 976V^{\varnothing,(2,1)} \oplus 976V^{\varnothing,(1,1,1)} \oplus 10V^{\varnothing,(2,2)} \oplus 11V^{\varnothing,(2,1,1)} \oplus 8V^{\varnothing,(1,1,1,1)} \oplus 10476V^{(1),\varnothing} \oplus 18386V^{(1),(1)} \oplus 3200V^{(1),(2)} \oplus 3880V^{(1),(1,1)} \oplus 85V^{(1),(2,1)} \oplus 85V^{(1),(1,1,1)} \oplus 2440V^{(2),\varnothing} \oplus 2896V^{(2),(1)} \oplus 186V^{(2),(2)} \oplus 189V^{(2),(1,1)} \oplus 4180V^{(1,1),\varnothing} \oplus 3816V^{(1,1),(1)} \oplus 251V^{(1,1),(2)} \oplus 257V^{(1,1),(1,1)} \oplus 598V^{(2,1),\varnothing} \oplus 73V^{(2,1),(1)} \oplus 1056V^{(1,1,1),\varnothing} \oplus 97V^{(1,1,1),(1)} \oplus 8V^{(2,1,1),\varnothing} \oplus 11V^{(1,1,1,1),\varnothing}$
$k = 9:$ $4644V^{\varnothing,\varnothing} \oplus 5640V^{\varnothing,(1)} \oplus 1600V^{\varnothing,(2)} \oplus 2800V^{\varnothing,(1,1)} \oplus 1208V^{\varnothing,(2,1)} \oplus 1208V^{\varnothing,(1,1,1)} \oplus 280V^{\varnothing,(2,2)} \oplus 432V^{\varnothing,(2,1,1)} \oplus 228V^{\varnothing,(1,1,1,1)} \oplus 4V^{\varnothing,(2,2,1)} \oplus 3V^{\varnothing,(2,1,1,1)} \oplus 6896V^{(1),\varnothing} \oplus 17084V^{(1),(1)} \oplus 5226V^{(1),(2)} \oplus 6342V^{(1),(1,1)} \oplus 1432V^{(1),(2,1)} \oplus 1432V^{(1),(1,1,1)} \oplus 23V^{(1),(2,2)} \oplus 25V^{(1),(2,1,1)} \oplus 19V^{(1),(1,1,1,1)} \oplus 1760V^{(2),\varnothing} \oplus 4974V^{(2),(1)} \oplus 936V^{(2),(2)} \oplus 1068V^{(2),(1,1)} \oplus 43V^{(2),(2,1)} \oplus 43V^{(2),(1,1,1)} \oplus 2960V^{(1,1),\varnothing} \oplus 6198V^{(1,1),(1)} \oplus 1196V^{(1,1),(2)} \oplus 1460V^{(1,1),(1,1)} \oplus 85V^{(1,1),(2,1)} \oplus 85V^{(1,1),(1,1,1)} \oplus 802V^{(2,1),\varnothing} \oplus 1120V^{(2,1),(1)} \oplus 66V^{(2,1),(2)} \oplus 69V^{(2,1),(1,1)} \oplus 1352V^{(1,1,1),\varnothing} \oplus 1480V^{(1,1,1),(1)} \oplus 83V^{(1,1,1),(2)} \oplus 89V^{(1,1,1),(1,1)} \oplus 260V^{(2,1,1),\varnothing} \oplus 25V^{(2,1,1),(1)} \oplus 464V^{(1,1,1,1),\varnothing} \oplus 31V^{(1,1,1,1),(1)} \oplus 3V^{(2,1,1,1),\varnothing} \oplus 4V^{(1,1,1,1,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 1620V^{\varnothing,(1)} \oplus 588V^{\varnothing,(2)} \oplus 1056V^{\varnothing,(1,1)} \oplus 592V^{\varnothing,(2,1)} \oplus 592V^{\varnothing,(1,1,1)} \oplus 186V^{\varnothing,(2,2)} \oplus 336V^{\varnothing,(2,1,1)} \oplus 186V^{\varnothing,(1,1,1,1)} \oplus 164V^{\varnothing,(2,2,1)} \oplus 88V^{\varnothing,(2,1,1,1)} \oplus V^{\varnothing,(2,2,2)} \oplus V^{\varnothing,(2,2,1,1)} \oplus 2196V^{(1),\varnothing} \oplus 11828V^{(1),(1)} \oplus 4400V^{(1),(2)} \oplus 5136V^{(1),(1,1)} \oplus 2094V^{(1),(2,1)} \oplus 2094V^{(1),(1,1,1)} \oplus 488V^{(1),(2,2)} \oplus 592V^{(1),(2,1,1)} \oplus 448V^{(1),(1,1,1,1)} \oplus 9V^{(1),(2,2,1)} \oplus 7V^{(1),(2,1,1,1)} \oplus 888V^{(2),\varnothing} \oplus 4304V^{(2),(1)} \oplus 1508V^{(2),(2)} \oplus 1706V^{(2),(1,1)} \oplus 396V^{(2),(2,1)} \oplus 396V^{(2),(1,1,1)} \oplus 12V^{(2),(2,2)} \oplus 13V^{(2),(2,1,1)} \oplus 10V^{(2),(1,1,1,1)} \oplus 1356V^{(1,1),\varnothing} \oplus 5040V^{(1,1),(1)} \oplus 1766V^{(1,1),(2)} \oplus 2162V^{(1,1),(1,1)} \oplus 532V^{(1,1),(2,1)} \oplus 532V^{(1,1),(1,1,1)} \oplus 23V^{(1,1),(2,2)} \oplus 25V^{(1,1),(2,1,1)} \oplus 19V^{(1,1),(1,1,1,1)} \oplus 428V^{(2,1),\varnothing} \oplus 1722V^{(2,1),(1)} \oplus 356V^{(2,1),(2)} \oplus 412V^{(2,1),(1,1)} \oplus 43V^{(2,1),(2,1)} \oplus 43V^{(2,1),(1,1,1)} \oplus 688V^{(1,1,1),\varnothing} \oplus 2094V^{(1,1,1),(1)} \oplus 452V^{(1,1,1),(2)} \oplus 564V^{(1,1,1),(1,1)} \oplus 61V^{(1,1,1),(2,1)} \oplus 61V^{(1,1,1),(1,1,1)} \oplus 234V^{(2,1,1),\varnothing} \oplus 448V^{(2,1,1),(1)} \oplus 18V^{(2,1,1),(2)} \oplus 21V^{(2,1,1),(1,1)} \oplus 384V^{(1,1,1,1),\varnothing} \oplus 592V^{(1,1,1,1),(1)} \oplus 23V^{(1,1,1,1),(2)} \oplus 29V^{(1,1,1,1),(1,1)} \oplus 104V^{(2,1,1,1),\varnothing} \oplus 7V^{(2,1,1,1),(1)} \oplus 180V^{(1,1,1,1,1),\varnothing} \oplus 9V^{(1,1,1,1,1),(1)} \oplus V^{(2,1,1,1,1),\varnothing} \oplus V^{(1,1,1,1,1,1),\varnothing}$
$k = 7: \quad 36V^{\varnothing,(1)} \oplus 30V^{\varnothing,(2)} \oplus 30V^{\varnothing,(1,1)} \oplus 24V^{\varnothing,(2,1)} \oplus 24V^{\varnothing,(1,1,1)} \oplus 18V^{\varnothing,(2,2)} \oplus 18V^{\varnothing,(2,1,1)} \oplus 18V^{\varnothing,(1,1,1,1)} \oplus 12V^{\varnothing,(2,2,1)} \oplus 12V^{\varnothing,(2,1,1,1)} \oplus 6V^{\varnothing,(2,2,2)} \oplus 6V^{\varnothing,(2,2,1,1)} \oplus 196V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2580V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1360V^{(1),(2,1)} \oplus 1360V^{(1),(1,1,1)} \oplus 550V^{(1),(2,2)} \oplus 650V^{(1),(2,1,1)} \oplus 550V^{(1),(1,1,1,1)} \oplus 256V^{(1),(2,2,1)} \oplus 204V^{(1),(2,1,1,1)} \oplus 3V^{(1),(2,2,2)} \oplus 3V^{(1),(2,2,1,1)} \oplus 126V^{(2),\varnothing} \oplus 2580V^{(2),(1)} \oplus 1208V^{(2),(2)} \oplus 1316V^{(2),(1,1)} \oplus 582V^{(2),(2,1)} \oplus 582V^{(2),(1,1,1)} \oplus 140V^{(2),(2,2)} \oplus 160V^{(2),(2,1,1)} \oplus 132V^{(2),(1,1,1,1)} \oplus 5V^{(2),(2,2,1)} \oplus 4V^{(2),(2,1,1,1)} \oplus 126V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1328V^{(1,1),(2)} \oplus 1544V^{(1,1),(1,1)} \oplus 714V^{(1,1),(2,1)} \oplus 714V^{(1,1),(1,1,1)} \oplus 176V^{(1,1),(2,2)} \oplus 216V^{(1,1),(2,1,1)} \oplus 160V^{(1,1),(1,1,1,1)} \oplus 9V^{(1,1),(2,2,1)} \oplus 7V^{(1,1),(2,1,1,1)} \oplus 84V^{(2,1),\varnothing} \oplus 1200V^{(2,1),(1)} \oplus 528V^{(2,1),(2)} \oplus 594V^{(2,1),(1,1)} \oplus 160V^{(2,1),(2,1)} \oplus 160V^{(2,1),(1,1,1)} \oplus 12V^{(2,1),(2,2)} \oplus 13V^{(2,1),(2,1,1)} \oplus 10V^{(2,1),(1,1,1,1)} \oplus 84V^{(1,1,1),\varnothing} \oplus 1360V^{(1,1,1),(1)} \oplus 606V^{(1,1,1),(2)} \oplus 738V^{(1,1,1),(1,1)} \oplus 220V^{(1,1,1),(2,1)} \oplus 220V^{(1,1,1),(1,1,1)} \oplus 23V^{(1,1,1),(2,2)} \oplus 25V^{(1,1,1),(2,1,1)} \oplus 19V^{(1,1,1),(1,1,1,1)} \oplus 42V^{(2,1,1),\varnothing} \oplus 550V^{(2,1,1),(1)} \oplus 140V^{(2,1,1),(2)} \oplus 168V^{(2,1,1),(1,1)} \oplus$

Table 208: Table for $\lambda = (2,1,1,1,1,1)$, $\mu = (2,2,1,1,1)$:

$k = 14: \quad 60V^{\varnothing,\varnothing}$
$k = 13: \quad 7965V^{\varnothing,\varnothing} \oplus 111V^{\varnothing,(1)} \oplus 234V^{(1),\varnothing}$
$k = 12: \quad 14942V^{\varnothing,\varnothing} \oplus 6356V^{\varnothing,(1)} \oplus 52V^{\varnothing,(2)} \oplus 60V^{\varnothing,(1,1)} \oplus 6848V^{(1),\varnothing} \oplus 1393V^{(1),(1)} \oplus 64V^{(2),\varnothing} \oplus 86V^{(1,1),\varnothing}$
$k = 11: \quad 14632V^{\varnothing,\varnothing} \oplus 11190V^{\varnothing,(1)} \oplus 1612V^{\varnothing,(2)} \oplus 2680V^{\varnothing,(1,1)} \oplus 26V^{\varnothing,(2,1)} \oplus 28V^{\varnothing,(1,1,1)} \oplus 12108V^{(1),\varnothing} \oplus 10912V^{(1),(1)} \oplus 371V^{(1),(2)} \oplus 389V^{(1),(1,1)} \oplus 1488V^{(2),\varnothing} \oplus 337V^{(2),(1)} \oplus 2612V^{(1,1),\varnothing} \oplus 433V^{(1,1),(1)} \oplus 22V^{(2,1),\varnothing} \oplus 30V^{(1,1,1),\varnothing}$
$k = 10: \quad 10724V^{\varnothing,\varnothing} \oplus 9556V^{\varnothing,(1)} \oplus 2430V^{\varnothing,(2)} \oplus 4170V^{\varnothing,(1,1)} \oplus 976V^{\varnothing,(2,1)} \oplus 1080V^{\varnothing,(1,1,1)} \oplus 8V^{\varnothing,(2,2)} \oplus 11V^{\varnothing,(2,1,1)} \oplus 11V^{\varnothing,(1,1,1,1)} \oplus 10476V^{(1),\varnothing} \oplus 18482V^{(1),(1)} \oplus 3200V^{(1),(2)} \oplus 3976V^{(1),(1,1)} \oplus 85V^{(1),(2,1)} \oplus 89V^{(1),(1,1,1)} \oplus 2440V^{(2),\varnothing} \oplus 2944V^{(2),(1)} \oplus 186V^{(2),(2)} \oplus 195V^{(2),(1,1)} \oplus 4180V^{(1,1),\varnothing} \oplus 3912V^{(1,1),(1)} \oplus 251V^{(1,1),(2)} \oplus 269V^{(1,1),(1,1)} \oplus 598V^{(2,1),\varnothing} \oplus 97V^{(2,1),(1)} \oplus 1056V^{(1,1,1),\varnothing} \oplus 121V^{(1,1,1),(1)} \oplus 8V^{(2,1,1),\varnothing} \oplus 11V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 4728V^{\varnothing,\varnothing} \oplus 5640V^{\varnothing,(1)} \oplus 1600V^{\varnothing,(2)} \oplus 2800V^{\varnothing,(1,1)} \oplus 1208V^{\varnothing,(2,1)} \oplus 1308V^{\varnothing,(1,1,1)} \oplus 228V^{\varnothing,(2,2)} \oplus 432V^{\varnothing,(2,1,1)} \oplus 432V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(2,2,1)} \oplus 4V^{\varnothing,(2,1,1,1)} \oplus 3V^{\varnothing,(1,1,1,1,1)} \oplus 6896V^{(1),\varnothing} \oplus 17084V^{(1),(1)} \oplus 5226V^{(1),(2)} \oplus 6414V^{(1),(1,1)} \oplus 1432V^{(1),(2,1)} \oplus 1512V^{(1),(1,1,1)} \oplus 19V^{(1),(2,2)} \oplus 25V^{(1),(2,1,1)} \oplus 25V^{(1),(1,1,1,1)} \oplus 1760V^{(2),\varnothing} \oplus 4974V^{(2),(1)} \oplus 936V^{(2),(2)} \oplus 1092V^{(2),(1,1)} \oplus 43V^{(2),(2,1)} \oplus 45V^{(2),(1,1,1)} \oplus 2960V^{(1,1),\varnothing} \oplus 6198V^{(1,1),(1)} \oplus 1196V^{(1,1),(2)} \oplus 1508V^{(1,1),(1,1)} \oplus 85V^{(1,1),(2,1)} \oplus 89V^{(1,1),(1,1,1)} \oplus 802V^{(2,1),\varnothing} \oplus 1120V^{(2,1),(1)} \oplus 66V^{(2,1),(2)} \oplus 75V^{(2,1),(1,1)} \oplus 1352V^{(1,1,1),\varnothing} \oplus 1480V^{(1,1,1),(1)} \oplus 83V^{(1,1,1),(2)} \oplus 101V^{(1,1,1),(1,1)} \oplus 260V^{(2,1,1),\varnothing} \oplus 25V^{(2,1,1),(1)} \oplus 464V^{(1,1,1,1),\varnothing} \oplus 31V^{(1,1,1,1),(1)} \oplus 3V^{(2,1,1,1),\varnothing} \oplus 4V^{(1,1,1,1,1),\varnothing}$
$k = 8: \quad 804V^{\varnothing,\varnothing} \oplus 1620V^{\varnothing,(1)} \oplus 588V^{\varnothing,(2)} \oplus 1056V^{\varnothing,(1,1)} \oplus 592V^{\varnothing,(2,1)} \oplus 592V^{\varnothing,(1,1,1)} \oplus 186V^{\varnothing,(2,2)} \oplus 336V^{\varnothing,(2,1,1)} \oplus 336V^{\varnothing,(1,1,1,1)} \oplus 88V^{\varnothing,(2,2,1)} \oplus 164V^{\varnothing,(2,1,1,1)} \oplus 88V^{\varnothing,(1,1,1,1,1)} \oplus V^{\varnothing,(2,2,1,1)} \oplus V^{\varnothing,(2,1,1,1,1)} \oplus 2280V^{(1),\varnothing} \oplus 11828V^{(1),(1)} \oplus 4400V^{(1),(2)} \oplus 5136V^{(1),(1,1)} \oplus 2094V^{(1),(2,1)} \oplus 2166V^{(1),(1,1,1)} \oplus 448V^{(1),(2,2)} \oplus 592V^{(1),(2,1,1)} \oplus 592V^{(1),(1,1,1,1)} \oplus 7V^{(1),(2,2,1)} \oplus 9V^{(1),(2,1,1,1)} \oplus 7V^{(1),(1,1,1,1,1)} \oplus 888V^{(2),\varnothing} \oplus 4304V^{(2),(1)} \oplus 1508V^{(2),(2)} \oplus 1718V^{(2),(1,1)} \oplus 396V^{(2),(2,1)} \oplus 412V^{(2),(1,1,1)} \oplus 10V^{(2),(2,2)} \oplus 13V^{(2),(2,1,1)} \oplus 13V^{(2),(1,1,1,1)} \oplus 1356V^{(1,1),\varnothing} \oplus 5040V^{(1,1),(1)} \oplus 1766V^{(1,1),(2)} \oplus 2186V^{(1,1),(1,1)} \oplus 532V^{(1,1),(2,1)} \oplus 564V^{(1,1),(1,1,1)} \oplus 19V^{(1,1),(2,2)} \oplus 25V^{(1,1),(2,1,1)} \oplus 25V^{(1,1),(1,1,1,1)} \oplus 428V^{(2,1),\varnothing} \oplus 1722V^{(2,1),(1)} \oplus 356V^{(2,1),(2)} \oplus 424V^{(2,1),(1,1)} \oplus 43V^{(2,1),(2,1)} \oplus 45V^{(2,1),(1,1,1)} \oplus 688V^{(1,1,1),\varnothing} \oplus 2094V^{(1,1,1),(1)} \oplus 452V^{(1,1,1),(2)} \oplus 588V^{(1,1,1),(1,1)} \oplus 61V^{(1,1,1),(2,1)} \oplus 65V^{(1,1,1),(1,1,1)} \oplus 234V^{(2,1,1),\varnothing} \oplus 448V^{(2,1,1),(1)} \oplus 18V^{(2,1,1),(2)} \oplus 27V^{(2,1,1),(1,1)} \oplus 384V^{(1,1,1,1),\varnothing} \oplus 592V^{(1,1,1,1),(1)} \oplus 23V^{(1,1,1,1),(2)} \oplus 35V^{(1,1,1,1),(1,1)} \oplus 104V^{(2,1,1,1),\varnothing} \oplus 7V^{(2,1,1,1),(1)} \oplus 180V^{(1,1,1,1,1),\varnothing} \oplus 9V^{(1,1,1,1,1),(1)} \oplus V^{(2,1,1,1,1),\varnothing} \oplus V^{(1,1,1,1,1,1),\varnothing}$
$k = 7: \quad 36V^{\varnothing,(1)} \oplus 30V^{\varnothing,(2)} \oplus 30V^{\varnothing,(1,1)} \oplus 24V^{\varnothing,(2,1)} \oplus 24V^{\varnothing,(1,1,1)} \oplus 18V^{\varnothing,(2,2)} \oplus 18V^{\varnothing,(2,1,1)} \oplus 18V^{\varnothing,(1,1,1,1)} \oplus 12V^{\varnothing,(2,2,1)} \oplus 12V^{\varnothing,(2,1,1,1)} \oplus 12V^{\varnothing,(1,1,1,1,1)} \oplus 6V^{\varnothing,(2,2,1,1)} \oplus 6V^{\varnothing,(2,1,1,1,1)} \oplus 196V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2580V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1360V^{(1),(2,1)} \oplus 1360V^{(1),(1,1,1)} \oplus 550V^{(1),(2,2)} \oplus 650V^{(1),(2,1,1)} \oplus 650V^{(1),(1,1,1,1)} \oplus 204V^{(1),(2,2,1)} \oplus 256V^{(1),(2,1,1,1)} \oplus 204V^{(1),(1,1,1,1,1)} \oplus 3V^{(1),(2,2,1,1)} \oplus 3V^{(1),(2,1,1,1,1)} \oplus 140V^{(2),\varnothing} \oplus 2580V^{(2),(1)} \oplus 1208V^{(2),(2)} \oplus 1316V^{(2),(1,1)} \oplus 582V^{(2),(2,1)} \oplus 594V^{(2),(1,1,1)} \oplus 132V^{(2),(2,2)} \oplus 160V^{(2),(2,1,1)} \oplus 160V^{(2),(1,1,1,1)} \oplus 4V^{(2),(2,2,1)} \oplus 5V^{(2),(2,1,1,1)} \oplus 4V^{(2),(1,1,1,1,1)} \oplus 140V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1328V^{(1,1),(2)} \oplus 1544V^{(1,1),(1,1)} \oplus 714V^{(1,1),(2,1)} \oplus 738V^{(1,1),(1,1,1)} \oplus 160V^{(1,1),(2,2)} \oplus 216V^{(1,1),(2,1,1)} \oplus 216V^{(1,1),(1,1,1,1)} \oplus 7V^{(1,1),(2,2,1)} \oplus 9V^{(1,1),(2,1,1,1)} \oplus 7V^{(1,1),(1,1,1,1,1)} \oplus 84V^{(2,1),\varnothing} \oplus 1200V^{(2,1),(1)} \oplus 528V^{(2,1),(2)} \oplus 594V^{(2,1),(1,1)} \oplus 160V^{(2,1),(2,1)} \oplus 168V^{(2,1),(1,1,1)} \oplus 10V^{(2,1),(2,2)} \oplus 13V^{(2,1),(2,1,1)} \oplus 13V^{(2,1),(1,1,1,1)} \oplus 84V^{(1,1,1),\varnothing} \oplus 1360V^{(1,1,1),(1)} \oplus 606V^{(1,1,1),(2)} \oplus 738V^{(1,1,1),(1,1)} \oplus 220V^{(1,1,1),(2,1)} \oplus 236V^{(1,1,1),(1,1,1)} \oplus 19V^{(1,1,1),(2,2)} \oplus 25V^{(1,1,1),(2,1,1)} \oplus$

Table 209: Table for $\lambda = (2,1,1,1,1,1)$, $\mu = (2,1,1,1,1,1)$:

$k = 14: \quad 97V^{\varnothing,\varnothing}$
$k = 13: \quad 7918V^{\varnothing,\varnothing} \oplus 96V^{\varnothing,(1)} \oplus 96V^{(1),\varnothing}$
$k = 12: \quad 14846V^{\varnothing,\varnothing} \oplus 6076V^{\varnothing,(1)} \oplus 35V^{\varnothing,(2)} \oplus 53V^{\varnothing,(1,1)} \oplus 6076V^{(1),\varnothing} \oplus 1333V^{(1),(1)} \oplus 35V^{(2),\varnothing} \oplus 53V^{(1,1),\varnothing}$
$k = 11: \quad 14536V^{\varnothing,\varnothing} \oplus 10860V^{\varnothing,(1)} \oplus 1264V^{\varnothing,(2)} \oplus 2372V^{\varnothing,(1,1)} \oplus 18V^{\varnothing,(2,1)} \oplus 26V^{\varnothing,(1,1,1)} \oplus 10860V^{(1),\varnothing} \oplus 10528V^{(1),(1)} \oplus 307V^{(1),(2)} \oplus 373V^{(1),(1,1)} \oplus 1264V^{(2),\varnothing} \oplus 307V^{(2),(1)} \oplus 2372V^{(1,1),\varnothing} \oplus 373V^{(1,1),(1)} \oplus 18V^{(2,1),\varnothing} \oplus 26V^{(1,1,1),\varnothing}$
$k = 10: \quad 10628V^{\varnothing,\varnothing} \oplus 9436V^{\varnothing,(1)} \oplus 2040V^{\varnothing,(2)} \oplus 3780V^{\varnothing,(1,1)} \oplus 518V^{\varnothing,(2,1)} \oplus 976V^{\varnothing,(1,1,1)} \oplus 8V^{\varnothing,(2,1,1)} \oplus 11V^{\varnothing,(1,1,1,1)} \oplus 9436V^{(1),\varnothing} \oplus 18170V^{(1),(1)} \oplus 2848V^{(1),(2)} \oplus 3720V^{(1),(1,1)} \oplus 67V^{(1),(2,1)} \oplus 85V^{(1),(1,1,1)} \oplus 2040V^{(2),\varnothing} \oplus 2848V^{(2),(1)} \oplus 154V^{(2),(2)} \oplus 187V^{(2),(1,1)} \oplus 3780V^{(1,1),\varnothing} \oplus 3720V^{(1,1),(1)} \oplus 187V^{(1,1),(2)} \oplus 253V^{(1,1),(1,1)} \oplus 518V^{(2,1),\varnothing} \oplus 67V^{(2,1),(1)} \oplus 976V^{(1,1,1),\varnothing} \oplus 85V^{(1,1,1),(1)} \oplus 8V^{(2,1,1),\varnothing} \oplus 11V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 4632V^{\varnothing,\varnothing} \oplus 5640V^{\varnothing,(1)} \oplus 1440V^{\varnothing,(2)} \oplus 2640V^{\varnothing,(1,1)} \oplus 658V^{\varnothing,(2,1)} \oplus 1208V^{\varnothing,(1,1,1)} \oplus 228V^{\varnothing,(2,1,1)} \oplus 432V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(2,1,1,1)} \oplus 4V^{\varnothing,(1,1,1,1,1)} \oplus 5640V^{(1),\varnothing} \oplus 17012V^{(1),(1)} \oplus 4938V^{(1),(2)} \oplus 6126V^{(1),(1,1)} \oplus 1096V^{(1),(2,1)} \oplus 1432V^{(1),(1,1,1)} \oplus 19V^{(1),(2,1,1)} \oplus 25V^{(1),(1,1,1,1)} \oplus 1440V^{(2),\varnothing} \oplus 4938V^{(2),(1)} \oplus 856V^{(2),(2)} \oplus 1036V^{(2),(1,1)} \oplus 34V^{(2),(2,1)} \oplus 43V^{(2),(1,1,1)} \oplus 2640V^{(1,1),\varnothing} \oplus 6126V^{(1,1),(1)} \oplus 1036V^{(1,1),(2)} \oplus 1396V^{(1,1),(1,1)} \oplus 67V^{(1,1),(2,1)} \oplus 85V^{(1,1),(1,1,1)} \oplus 658V^{(2,1),\varnothing} \oplus 1096V^{(2,1),(1)} \oplus 34V^{(2,1),(2)} \oplus 67V^{(2,1),(1,1)} \oplus 1208V^{(1,1,1),\varnothing} \oplus 1432V^{(1,1,1),(1)} \oplus 43V^{(1,1,1),(2)} \oplus 85V^{(1,1,1),(1,1)} \oplus 228V^{(2,1,1),\varnothing} \oplus 19V^{(2,1,1),(1)} \oplus 432V^{(1,1,1,1),\varnothing} \oplus 25V^{(1,1,1,1),(1)} \oplus 3V^{(2,1,1,1),\varnothing} \oplus 4V^{(1,1,1,1,1),\varnothing}$
$k = 8: \quad 792V^{\varnothing,\varnothing} \oplus 1620V^{\varnothing,(1)} \oplus 588V^{\varnothing,(2)} \oplus 1056V^{\varnothing,(1,1)} \oplus 332V^{\varnothing,(2,1)} \oplus 592V^{\varnothing,(1,1,1)} \oplus 186V^{\varnothing,(2,1,1)} \oplus 336V^{\varnothing,(1,1,1,1)} \oplus 88V^{\varnothing,(2,1,1,1)} \oplus 164V^{\varnothing,(1,1,1,1,1)} \oplus V^{\varnothing,(2,1,1,1,1)} \oplus V^{\varnothing,(1,1,1,1,1,1)} \oplus 1620V^{(1),\varnothing} \oplus 11828V^{(1),(1)} \oplus 4304V^{(1),(2)} \oplus 5040V^{(1),(1,1)} \oplus 1722V^{(1),(2,1)} \oplus 2094V^{(1),(1,1,1)} \oplus 448V^{(1),(2,1,1)} \oplus 592V^{(1),(1,1,1,1)} \oplus 7V^{(1),(2,1,1,1)} \oplus 9V^{(1),(1,1,1,1,1)} \oplus 588V^{(2),\varnothing} \oplus 4304V^{(2),(1)} \oplus 1460V^{(2),(2)} \oplus 1670V^{(2),(1,1)} \oplus 328V^{(2),(2,1)} \oplus 396V^{(2),(1,1,1)} \oplus 10V^{(2),(2,1,1)} \oplus 13V^{(2),(1,1,1,1)} \oplus 1056V^{(1,1),\varnothing} \oplus 5040V^{(1,1),(1)} \oplus 1670V^{(1,1),(2)} \oplus 2090V^{(1,1),(1,1)} \oplus 396V^{(1,1),(2,1)} \oplus 532V^{(1,1),(1,1,1)} \oplus 19V^{(1,1),(2,1,1)} \oplus 25V^{(1,1),(1,1,1,1)} \oplus 332V^{(2,1),\varnothing} \oplus 1722V^{(2,1),(1)} \oplus 328V^{(2,1),(2)} \oplus 396V^{(2,1),(1,1)} \oplus 34V^{(2,1),(2,1)} \oplus 43V^{(2,1),(1,1,1)} \oplus 592V^{(1,1,1),\varnothing} \oplus 2094V^{(1,1,1),(1)} \oplus 396V^{(1,1,1),(2)} \oplus 532V^{(1,1,1),(1,1)} \oplus 43V^{(1,1,1),(2,1)} \oplus 61V^{(1,1,1),(1,1,1)} \oplus 186V^{(2,1,1),\varnothing} \oplus 448V^{(2,1,1),(1)} \oplus 10V^{(2,1,1),(2)} \oplus 19V^{(2,1,1),(1,1)} \oplus 336V^{(1,1,1,1),\varnothing} \oplus 592V^{(1,1,1,1),(1)} \oplus 13V^{(1,1,1,1),(2)} \oplus 25V^{(1,1,1,1),(1,1)} \oplus 88V^{(2,1,1,1),\varnothing} \oplus 7V^{(2,1,1,1),(1)} \oplus 164V^{(1,1,1,1,1),\varnothing} \oplus 9V^{(1,1,1,1,1),(1)} \oplus V^{(2,1,1,1,1),\varnothing} \oplus V^{(1,1,1,1,1,1),\varnothing}$
$k = 7:$ $36V^{\varnothing,\varnothing} \oplus 36V^{\varnothing,(1)} \oplus 30V^{\varnothing,(2)} \oplus 30V^{\varnothing,(1,1)} \oplus 24V^{\varnothing,(2,1)} \oplus 24V^{\varnothing,(1,1,1)} \oplus 18V^{\varnothing,(2,1,1)} \oplus 18V^{\varnothing,(1,1,1,1)} \oplus 12V^{\varnothing,(2,1,1,1)} \oplus 12V^{\varnothing,(1,1,1,1,1)} \oplus 6V^{\varnothing,(2,1,1,1,1)} \oplus 6V^{\varnothing,(1,1,1,1,1,1)} \oplus 36V^{(1),\varnothing} \oplus 4800V^{(1),(1)} \oplus 2580V^{(1),(2)} \oplus 2820V^{(1),(1,1)} \oplus 1200V^{(1),(2,1)} \oplus 1360V^{(1),(1,1,1)} \oplus 550V^{(1),(2,1,1)} \oplus 650V^{(1),(1,1,1,1)} \oplus 204V^{(1),(2,1,1,1)} \oplus 256V^{(1),(1,1,1,1,1)} \oplus 3V^{(1),(2,1,1,1,1)} \oplus 3V^{(1),(1,1,1,1,1,1)} \oplus 30V^{(2),\varnothing} \oplus 2580V^{(2),(1)} \oplus 1196V^{(2),(2)} \oplus 1304V^{(2),(1,1)} \oplus 516V^{(2),(2,1)} \oplus 582V^{(2),(1,1,1)} \oplus 132V^{(2),(2,1,1)} \oplus 160V^{(2),(1,1,1,1)} \oplus 4V^{(2),(2,1,1,1)} \oplus 5V^{(2),(1,1,1,1,1)} \oplus 30V^{(1,1),\varnothing} \oplus 2820V^{(1,1),(1)} \oplus 1304V^{(1,1),(2)} \oplus 1520V^{(1,1),(1,1)} \oplus 582V^{(1,1),(2,1)} \oplus 714V^{(1,1),(1,1,1)} \oplus 160V^{(1,1),(2,1,1)} \oplus 216V^{(1,1),(1,1,1,1)} \oplus 7V^{(1,1),(2,1,1,1)} \oplus 9V^{(1,1),(1,1,1,1,1)} \oplus 24V^{(2,1),\varnothing} \oplus 1200V^{(2,1),(1)} \oplus 516V^{(2,1),(2)} \oplus 582V^{(2,1),(1,1)} \oplus 130V^{(2,1),(2,1)} \oplus 160V^{(2,1),(1,1,1)} \oplus 10V^{(2,1),(2,1,1)} \oplus 13V^{(2,1),(1,1,1,1)} \oplus 24V^{(1,1,1),\varnothing} \oplus 1360V^{(1,1,1),(1)} \oplus 582V^{(1,1,1),(2)} \oplus 714V^{(1,1,1),(1,1)} \oplus 160V^{(1,1,1),(2,1)} \oplus 220V^{(1,1,1),(1,1,1)} \oplus 19V^{(1,1,1),(2,1,1)} \oplus 25V^{(1,1,1),(1,1,1,1)} \oplus 18V^{(2,1,1),\varnothing} \oplus 550V^{(2,1,1),(1)} \oplus 132V^{(2,1,1),(2)} \oplus 160V^{(2,1,1),(1,1)} \oplus 10V^{(2,1,1),(2,1)} \oplus 19V^{(2,1,1),(1,1,1)} \oplus 18V^{(1,1,1,1),\varnothing} \oplus 650V^{(1,1,1,1),(1)} \oplus 160V^{(1,1,1,1),(2)} \oplus 216V^{(1,1,1,1),(1,1)} \oplus 13V^{(1,1,1,1),(2,1)} \oplus 25V^{(1,1,1,1),(1,1,1)} \oplus 12V^{(2,1,1,1,1),\varnothing} \oplus 204V^{(2,1,1,1,1),(1)} \oplus$

Table 210: Table for $\lambda = (2,1,1,1,1,1)$, $\mu = (1,1,1,1,1,1,1)$:

$k = 14: \quad 6V^{\varnothing,\varnothing}$
$k = 13: \quad 6579V^{\varnothing,\varnothing} \oplus 61V^{\varnothing,(1)} \oplus 12V^{(1),\varnothing}$
$k = 12:$ $12688V^{\varnothing,\varnothing} \oplus 3266V^{\varnothing,(1)} \oplus 35V^{\varnothing,(1,1)} \oplus 4648V^{(1),\varnothing} \oplus 1027V^{(1),(1)} \oplus 6V^{(2),\varnothing} \oplus 10V^{(1,1),\varnothing}$
$k = 11:$ $12944V^{\varnothing,\varnothing} \oplus 5880V^{\varnothing,(1)} \oplus 1264V^{\varnothing,(1,1)} \oplus 18V^{\varnothing,(1,1,1)} \oplus 8595V^{(1),\varnothing} \oplus 8152V^{(1),(1)} \oplus$ $307V^{(1),(1,1)} \oplus 914V^{(2),\varnothing} \oplus 154V^{(2),(1)} \oplus 1802V^{(1,1),\varnothing} \oplus 187V^{(1,1),(1)} \oplus 5V^{(2,1),\varnothing} \oplus 8V^{(1,1,1),\varnothing}$
$k = 10: \quad 9866V^{\varnothing,\varnothing} \oplus 5108V^{\varnothing,(1)} \oplus 2040V^{\varnothing,(1,1)} \oplus 518V^{\varnothing,(1,1,1)} \oplus 8V^{\varnothing,(1,1,1,1)} \oplus$ $7880V^{(1),\varnothing} \oplus 14710V^{(1),(1)} \oplus 2848V^{(1),(1,1)} \oplus 67V^{(1),(1,1,1)} \oplus 1543V^{(2),\varnothing} \oplus$ $2412V^{(2),(1)} \oplus 154V^{(2),(1,1)} \oplus 3061V^{(1,1),\varnothing} \oplus 2848V^{(1,1),(1)} \oplus 187V^{(1,1),(1,1)} \oplus$ $376V^{(2,1),\varnothing} \oplus 34V^{(2,1),(1)} \oplus 742V^{(1,1,1),\varnothing} \oplus 43V^{(1,1,1),(1)} \oplus 4V^{(2,1,1),\varnothing} \oplus 6V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 4446V^{\varnothing,\varnothing} \oplus 3060V^{\varnothing,(1)} \oplus 1440V^{\varnothing,(1,1)} \oplus 658V^{\varnothing,(1,1,1)} \oplus 228V^{\varnothing,(1,1,1,1)} \oplus$ $3V^{\varnothing,(1,1,1,1,1)} \oplus 4945V^{(1),\varnothing} \oplus 14380V^{(1),(1)} \oplus 4938V^{(1),(1,1)} \oplus 1096V^{(1),(1,1,1)} \oplus$ $19V^{(1),(1,1,1,1)} \oplus 1136V^{(2),\varnothing} \oplus 4344V^{(2),(1)} \oplus 856V^{(2),(1,1)} \oplus 34V^{(2),(1,1,1)} \oplus 2256V^{(1,1),\varnothing} \oplus$ $4938V^{(1,1),(1)} \oplus 1036V^{(1,1),(1,1)} \oplus 67V^{(1,1),(1,1,1)} \oplus 509V^{(2,1),\varnothing} \oplus 928V^{(2,1),(1)} \oplus$ $34V^{(2,1),(1,1)} \oplus 1009V^{(1,1,1),\varnothing} \oplus 1096V^{(1,1,1),(1)} \oplus 43V^{(1,1,1),(1,1)} \oplus 182V^{(2,1,1),\varnothing} \oplus$ $10V^{(2,1,1),(1)} \oplus 360V^{(1,1,1,1),\varnothing} \oplus 13V^{(1,1,1,1),(1)} \oplus 3V^{(2,1,1,1),\varnothing} \oplus 4V^{(1,1,1,1,1),\varnothing}$
$k = 8: \quad 726V^{\varnothing,\varnothing} \oplus 900V^{\varnothing,(1)} \oplus 588V^{\varnothing,(1,1)} \oplus 332V^{\varnothing,(1,1,1)} \oplus 186V^{\varnothing,(1,1,1,1)} \oplus$ $88V^{\varnothing,(1,1,1,1,1)} \oplus V^{\varnothing,(1,1,1,1,1,1)} \oplus 1446V^{(1),\varnothing} \oplus 10532V^{(1),(1)} \oplus 4304V^{(1),(1,1)} \oplus$ $1722V^{(1),(1,1,1)} \oplus 448V^{(1),(1,1,1,1)} \oplus 7V^{(1),(1,1,1,1,1)} \oplus 473V^{(2),\varnothing} \oplus 3936V^{(2),(1)} \oplus$ $1460V^{(2),(1,1)} \oplus 328V^{(2),(1,1,1)} \oplus 10V^{(2),(1,1,1,1)} \oplus 941V^{(1,1),\varnothing} \oplus 4304V^{(1,1),(1)} \oplus$ $1670V^{(1,1),(1,1)} \oplus 396V^{(1,1),(1,1,1)} \oplus 19V^{(1,1),(1,1,1,1)} \oplus 264V^{(2,1),\varnothing} \oplus 1536V^{(2,1),(1)} \oplus$ $328V^{(2,1),(1,1)} \oplus 34V^{(2,1),(1,1,1)} \oplus 524V^{(1,1,1),\varnothing} \oplus 1722V^{(1,1,1),(1)} \oplus 396V^{(1,1,1),(1,1)} \oplus$ $43V^{(1,1,1),(1,1,1)} \oplus 153V^{(2,1,1),\varnothing} \oplus 376V^{(2,1,1),(1)} \oplus 10V^{(2,1,1),(1,1)} \oplus 303V^{(1,1,1,1),\varnothing} \oplus$ $448V^{(1,1,1,1),(1)} \oplus 13V^{(1,1,1,1),(1,1)} \oplus 78V^{(2,1,1,1),\varnothing} \oplus 4V^{(2,1,1,1),(1)} \oplus 154V^{(1,1,1,1,1),\varnothing} \oplus$ $5V^{(1,1,1,1,1),(1)} \oplus 2V^{(2,1,1,1,1),\varnothing} \oplus 2V^{(1,1,1,1,1,1),\varnothing}$
$k = 7: \quad 36V^{\varnothing,(1)} \oplus 30V^{\varnothing,(1,1)} \oplus 24V^{\varnothing,(1,1,1)} \oplus 18V^{\varnothing,(1,1,1,1)} \oplus 12V^{\varnothing,(1,1,1,1,1)} \oplus$ $6V^{\varnothing,(1,1,1,1,1,1)} \oplus V^{(1),\varnothing} \oplus 4560V^{(1),(1)} \oplus 2580V^{(1),(1,1)} \oplus 1200V^{(1),(1,1,1)} \oplus$ $550V^{(1),(1,1,1,1)} \oplus 204V^{(1),(1,1,1,1,1)} \oplus 3V^{(1),(1,1,1,1,1,1)} \oplus V^{(2),\varnothing} \oplus 2460V^{(2),(1)} \oplus$ $1196V^{(2),(1,1)} \oplus 516V^{(2),(1,1,1)} \oplus 132V^{(2),(1,1,1,1)} \oplus 4V^{(2),(1,1,1,1,1)} \oplus V^{(1,1),\varnothing} \oplus$ $2580V^{(1,1),(1)} \oplus 1304V^{(1,1),(1,1)} \oplus 582V^{(1,1),(1,1,1)} \oplus 160V^{(1,1),(1,1,1,1)} \oplus 7V^{(1,1),(1,1,1,1,1)} \oplus$ $V^{(2,1),\varnothing} \oplus 1120V^{(2,1),(1)} \oplus 516V^{(2,1),(1,1)} \oplus 130V^{(2,1),(1,1,1)} \oplus 10V^{(2,1),(1,1,1,1)} \oplus$ $V^{(1,1,1),\varnothing} \oplus 1200V^{(1,1,1),(1)} \oplus 582V^{(1,1,1),(1,1)} \oplus 160V^{(1,1,1),(1,1,1)} \oplus 19V^{(1,1,1),(1,1,1,1)} \oplus$ $V^{(2,1,1),\varnothing} \oplus 500V^{(2,1,1),(1)} \oplus 132V^{(2,1,1),(1,1)} \oplus 10V^{(2,1,1),(1,1,1)} \oplus V^{(1,1,1,1),\varnothing} \oplus$ $550V^{(1,1,1,1),(1)} \oplus 160V^{(1,1,1,1),(1,1)} \oplus 13V^{(1,1,1,1),(1,1,1)} \oplus V^{(2,1,1,1),\varnothing} \oplus 178V^{(2,1,1,1),(1)} \oplus$ $4V^{(2,1,1,1),(1,1)} \oplus V^{(1,1,1,1,1),\varnothing} \oplus 204V^{(1,1,1,1,1),(1)} \oplus 5V^{(1,1,1,1,1),(1,1)} \oplus V^{(2,1,1,1,1),\varnothing} \oplus$ $2V^{(2,1,1,1,1),(1)} \oplus V^{(1,1,1,1,1,1),\varnothing} \oplus 2V^{(1,1,1,1,1,1),(1)} \oplus V^{(2,1,1,1,1,1),\varnothing}$
$k = 6: \quad 720V^{(1),(1)} \oplus 720V^{(1),(1,1)} \oplus 468V^{(1),(1,1,1)} \oplus 260V^{(1),(1,1,1,1)} \oplus 150V^{(1),(1,1,1,1,1)} \oplus$ $76V^{(1),(1,1,1,1,1,1)} \oplus V^{(1),(1,1,1,1,1,1,1)} \oplus 720V^{(2),(1)} \oplus 624V^{(2),(1,1)} \oplus 344V^{(2),(1,1,1)} \oplus$ $168V^{(2),(1,1,1,1)} \oplus 62V^{(2),(1,1,1,1,1)} \oplus 2V^{(2),(1,1,1,1,1,1)} \oplus 720V^{(1,1),(1)} \oplus 648V^{(1,1),(1,1)} \oplus$ $368V^{(1,1),(1,1,1)} \oplus 186V^{(1,1),(1,1,1,1)} \oplus 72V^{(1,1),(1,1,1,1,1)} \oplus 3V^{(1,1),(1,1,1,1,1,1)} \oplus 468V^{(2,1),(1)} \oplus$ $344V^{(2,1),(1,1)} \oplus 184V^{(2,1),(1,1,1)} \oplus 52V^{(2,1),(1,1,1,1)} \oplus 4V^{(2,1),(1,1,1,1,1)} \oplus 468V^{(1,1,1),(1)} \oplus$ $368V^{(1,1,1),(1,1)} \oplus 206V^{(1,1,1),(1,1,1)} \oplus 64V^{(1,1,1),(1,1,1,1)} \oplus 7V^{(1,1,1),(1,1,1,1,1)} \oplus 260V^{(2,1,1),(1)} \oplus$ $168V^{(2,1,1),(1,1)} \oplus 52V^{(2,1,1),(1,1,1)} \oplus 10V^{(2,1,1),(1,1,1,1)} \oplus 260V^{(1,1,1,1),(1)} \oplus 186V^{(1,1,1,1),(1,1)} \oplus$ $64V^{(1,1,1,1),(1,1,1)} \oplus 13V^{(1,1,1,1),(1,1,1,1)} \oplus 150V^{(2,1,1,1),(1)} \oplus 62V^{(2,1,1,1),(1,1)} \oplus$ $4V^{(2,1,1,1),(1,1,1)} \oplus 150V^{(1,1,1,1,1),(1)} \oplus 72V^{(1,1,1,1,1),(1,1)} \oplus 5V^{(1,1,1,1,1),(1,1,1)} \oplus$

Table 211: Table for $\lambda = (1,1,1,1,1,1,1)$, $\mu = (7,)$:

$k = 14: \quad V^{\varnothing,\varnothing}$
$k = 13: \quad 5777V^{\varnothing,\varnothing} \oplus 7V^{\varnothing,(1)} \oplus 6V^{(1),\varnothing}$
$k = 12: \quad 11250V^{\varnothing,\varnothing} \oplus 2362V^{\varnothing,(1)} \oplus 6V^{\varnothing,(2)} \oplus 2362V^{(1),\varnothing} \oplus 874V^{(1),(1)} \oplus 5V^{(1,1),\varnothing}$
$k = 11: \quad 11748V^{\varnothing,\varnothing} \oplus 4335V^{\varnothing,(1)} \oplus 914V^{\varnothing,(2)} \oplus 5V^{\varnothing,(3)} \oplus 4335V^{(1),\varnothing} \oplus 6964V^{(1),(1)} \oplus 154V^{(1),(2)} \oplus 914V^{(1,1),\varnothing} \oplus 154V^{(1,1),(1)} \oplus 4V^{(1,1,1),\varnothing}$
$k = 10: \quad 9236V^{\varnothing,\varnothing} \oplus 3968V^{\varnothing,(1)} \oplus 1543V^{\varnothing,(2)} \oplus 376V^{\varnothing,(3)} \oplus 4V^{\varnothing,(4)} \oplus 3968V^{(1),\varnothing} \oplus 12980V^{(1),(1)} \oplus 2412V^{(1),(2)} \oplus 34V^{(1),(3)} \oplus 1543V^{(1,1),\varnothing} \oplus 2412V^{(1,1),(1)} \oplus 154V^{(1,1),(2)} \oplus 376V^{(1,1,1),\varnothing} \oplus 34V^{(1,1,1),(1)} \oplus 3V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 4320V^{\varnothing,\varnothing} \oplus 2485V^{\varnothing,(1)} \oplus 1136V^{\varnothing,(2)} \oplus 509V^{\varnothing,(3)} \oplus 182V^{\varnothing,(4)} \oplus 3V^{\varnothing,(5)} \oplus 2485V^{(1),\varnothing} \oplus 13064V^{(1),(1)} \oplus 4344V^{(1),(2)} \oplus 928V^{(1),(3)} \oplus 10V^{(1),(4)} \oplus 1136V^{(1,1),\varnothing} \oplus 4344V^{(1,1),(1)} \oplus 856V^{(1,1),(2)} \oplus 34V^{(1,1),(3)} \oplus 509V^{(1,1,1),\varnothing} \oplus 928V^{(1,1,1),(1)} \oplus 34V^{(1,1,1),(2)} \oplus 182V^{(1,1,1,1),\varnothing} \oplus 10V^{(1,1,1,1),(1)} \oplus 2V^{(1,1,1,1,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 726V^{\varnothing,(1)} \oplus 473V^{\varnothing,(2)} \oplus 264V^{\varnothing,(3)} \oplus 153V^{\varnothing,(4)} \oplus 78V^{\varnothing,(5)} \oplus 2V^{\varnothing,(6)} \oplus 726V^{(1),\varnothing} \oplus 9884V^{(1),(1)} \oplus 3936V^{(1),(2)} \oplus 1536V^{(1),(3)} \oplus 376V^{(1),(4)} \oplus 4V^{(1),(5)} \oplus 473V^{(1,1),\varnothing} \oplus 3936V^{(1,1),(1)} \oplus 1460V^{(1,1),(2)} \oplus 328V^{(1,1),(3)} \oplus 10V^{(1,1),(4)} \oplus 264V^{(1,1,1),\varnothing} \oplus 1536V^{(1,1,1),(1)} \oplus 328V^{(1,1,1),(2)} \oplus 34V^{(1,1,1),(3)} \oplus 153V^{(1,1,1,1),\varnothing} \oplus 376V^{(1,1,1,1),(1)} \oplus 10V^{(1,1,1,1),(2)} \oplus 78V^{(1,1,1,1,1),\varnothing} \oplus 4V^{(1,1,1,1,1),(1)} \oplus V^{(1,1,1,1,1,1),\varnothing}$
$k = 7: \quad V^{\varnothing,(1)} \oplus V^{\varnothing,(2)} \oplus V^{\varnothing,(3)} \oplus V^{\varnothing,(4)} \oplus V^{\varnothing,(5)} \oplus V^{\varnothing,(6)} \oplus V^{\varnothing,(7)} \oplus V^{(1),\varnothing} \oplus 4440V^{(1),(1)} \oplus 2460V^{(1),(2)} \oplus 1120V^{(1),(3)} \oplus 500V^{(1),(4)} \oplus 178V^{(1),(5)} \oplus 2V^{(1),(6)} \oplus V^{(1,1),\varnothing} \oplus 2460V^{(1,1),(1)} \oplus 1196V^{(1,1),(2)} \oplus 516V^{(1,1),(3)} \oplus 132V^{(1,1),(4)} \oplus 4V^{(1,1),(5)} \oplus V^{(1,1,1),\varnothing} \oplus 1120V^{(1,1,1),(1)} \oplus 516V^{(1,1,1),(2)} \oplus 130V^{(1,1,1),(3)} \oplus 10V^{(1,1,1),(4)} \oplus V^{(1,1,1,1),\varnothing} \oplus 500V^{(1,1,1,1),(1)} \oplus 132V^{(1,1,1,1),(2)} \oplus 10V^{(1,1,1,1),(3)} \oplus V^{(1,1,1,1,1),\varnothing} \oplus 178V^{(1,1,1,1,1),(1)} \oplus 4V^{(1,1,1,1,1),(2)} \oplus V^{(1,1,1,1,1,1),\varnothing} \oplus 2V^{(1,1,1,1,1,1),(1)}$
$k = 6: \quad 720V^{(1),(1)} \oplus 720V^{(1),(2)} \oplus 468V^{(1),(3)} \oplus 260V^{(1),(4)} \oplus 150V^{(1),(5)} \oplus 76V^{(1),(6)} \oplus V^{(1),(7)} \oplus 720V^{(1,1),(1)} \oplus 624V^{(1,1),(2)} \oplus 344V^{(1,1),(3)} \oplus 168V^{(1,1),(4)} \oplus 62V^{(1,1),(5)} \oplus 2V^{(1,1),(6)} \oplus 468V^{(1,1,1),(1)} \oplus 344V^{(1,1,1),(2)} \oplus 184V^{(1,1,1),(3)} \oplus 52V^{(1,1,1),(4)} \oplus 4V^{(1,1,1),(5)} \oplus 260V^{(1,1,1,1),(1)} \oplus 168V^{(1,1,1,1),(2)} \oplus 52V^{(1,1,1,1),(3)} \oplus 10V^{(1,1,1,1),(4)} \oplus 150V^{(1,1,1,1,1),(1)} \oplus 62V^{(1,1,1,1,1),(2)} \oplus 4V^{(1,1,1,1,1),(3)} \oplus 76V^{(1,1,1,1,1,1),(1)} \oplus 2V^{(1,1,1,1,1,1),(2)} \oplus V^{(1,1,1,1,1,1,1),(1)}$
$k = 5: \quad 120V^{(1,1),(2)} \oplus 120V^{(1,1),(3)} \oplus 80V^{(1,1),(4)} \oplus 50V^{(1,1),(5)} \oplus 26V^{(1,1),(6)} \oplus V^{(1,1),(7)} \oplus 120V^{(1,1,1),(2)} \oplus 102V^{(1,1,1),(3)} \oplus 60V^{(1,1,1),(4)} \oplus 24V^{(1,1,1),(5)} \oplus 2V^{(1,1,1),(6)} \oplus 80V^{(1,1,1,1),(2)} \oplus 60V^{(1,1,1,1),(3)} \oplus 22V^{(1,1,1,1),(4)} \oplus 4V^{(1,1,1,1),(5)} \oplus 50V^{(1,1,1,1,1),(2)} \oplus 24V^{(1,1,1,1,1),(3)} \oplus 4V^{(1,1,1,1,1),(4)} \oplus 26V^{(1,1,1,1,1,1),(2)} \oplus 2V^{(1,1,1,1,1,1),(3)} \oplus V^{(1,1,1,1,1,1,1),(2)}$
$k = 4: \quad 24V^{(1,1,1),(3)} \oplus 24V^{(1,1,1),(4)} \oplus 18V^{(1,1,1),(5)} \oplus 10V^{(1,1,1),(6)} \oplus V^{(1,1,1),(7)} \oplus 24V^{(1,1,1,1),(3)} \oplus 20V^{(1,1,1,1),(4)} \oplus 10V^{(1,1,1,1),(5)} \oplus 2V^{(1,1,1,1),(6)} \oplus 18V^{(1,1,1,1,1),(3)} \oplus 10V^{(1,1,1,1,1),(4)} \oplus 4V^{(1,1,1,1,1),(5)} \oplus 10V^{(1,1,1,1,1,1),(3)} \oplus 2V^{(1,1,1,1,1,1),(4)} \oplus V^{(1,1,1,1,1,1,1),(3)}$
$k = 3: \quad 6V^{(1,1,1,1),(4)} \oplus 6V^{(1,1,1,1),(5)} \oplus 4V^{(1,1,1,1),(6)} \oplus V^{(1,1,1,1),(7)} \oplus 6V^{(1,1,1,1,1),(4)} \oplus 5V^{(1,1,1,1,1),(5)} \oplus 2V^{(1,1,1,1,1),(6)} \oplus 4V^{(1,1,1,1,1,1),(4)} \oplus 2V^{(1,1,1,1,1,1),(5)} \oplus V^{(1,1,1,1,1,1,1),(4)}$
$k = 2: \quad 2V^{(1,1,1,1,1),(5)} \oplus 2V^{(1,1,1,1,1),(6)} \oplus V^{(1,1,1,1,1),(7)} \oplus 2V^{(1,1,1,1,1,1),(5)} \oplus 2V^{(1,1,1,1,1,1),(6)} \oplus V^{(1,1,1,1,1,1,1),(5)}$
$k = 1: \quad V^{(1,1,1,1,1,1),(6)} \oplus V^{(1,1,1,1,1,1),(7)} \oplus V^{(1,1,1,1,1,1,1),(6)}$
$k = 0: \quad V^{(1,1,1,1,1,1,1),(7)}$

Table 212: Table for $\lambda = (1,1,1,1,1,1,1)$, $\mu = (6,1)$:

$k = 14: \quad 2V^{\varnothing,\varnothing}$
$k = 13: \quad 6458V^{\varnothing,\varnothing} \oplus 12V^{\varnothing,(1)} \oplus 61V^{(1),\varnothing}$
$k = 12:$ $12506V^{\varnothing,\varnothing} \oplus 4648V^{\varnothing,(1)} \oplus 10V^{\varnothing,(2)} \oplus 6V^{\varnothing,(1,1)} \oplus 3266V^{(1),\varnothing} \oplus 1027V^{(1),(1)} \oplus 35V^{(1,1),\varnothing}$
$k = 11:$ $12836V^{\varnothing,\varnothing} \oplus 8595V^{\varnothing,(1)} \oplus 1802V^{\varnothing,(2)} \oplus 914V^{\varnothing,(1,1)} \oplus 8V^{\varnothing,(3)} \oplus 5V^{\varnothing,(2,1)} \oplus 5880V^{(1),\varnothing} \oplus$ $8152V^{(1),(1)} \oplus 187V^{(1),(2)} \oplus 154V^{(1),(1,1)} \oplus 1264V^{(1,1),\varnothing} \oplus 307V^{(1,1),(1)} \oplus 18V^{(1,1,1),\varnothing}$
$k = 10: \quad 9836V^{\varnothing,\varnothing} \oplus 7880V^{\varnothing,(1)} \oplus 3061V^{\varnothing,(2)} \oplus 1543V^{\varnothing,(1,1)} \oplus 742V^{\varnothing,(3)} \oplus$ $376V^{\varnothing,(2,1)} \oplus 6V^{\varnothing,(4)} \oplus 4V^{\varnothing,(3,1)} \oplus 5108V^{(1),\varnothing} \oplus 14710V^{(1),(1)} \oplus 2848V^{(1),(2)} \oplus$ $2412V^{(1),(1,1)} \oplus 43V^{(1),(3)} \oplus 34V^{(1),(2,1)} \oplus 2040V^{(1,1),\varnothing} \oplus 2848V^{(1,1),(1)} \oplus 187V^{(1,1),(2)} \oplus$ $154V^{(1,1),(1,1)} \oplus 518V^{(1,1,1),\varnothing} \oplus 67V^{(1,1,1),(1)} \oplus 8V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 4440V^{\varnothing,\varnothing} \oplus 4945V^{\varnothing,(1)} \oplus 2256V^{\varnothing,(2)} \oplus 1136V^{\varnothing,(1,1)} \oplus 1009V^{\varnothing,(3)} \oplus$ $509V^{\varnothing,(2,1)} \oplus 360V^{\varnothing,(4)} \oplus 182V^{\varnothing,(3,1)} \oplus 4V^{\varnothing,(5)} \oplus 3V^{\varnothing,(4,1)} \oplus 3060V^{(1),\varnothing} \oplus$ $14380V^{(1),(1)} \oplus 4938V^{(1),(2)} \oplus 4344V^{(1),(1,1)} \oplus 1096V^{(1),(3)} \oplus 928V^{(1),(2,1)} \oplus$ $13V^{(1),(4)} \oplus 10V^{(1),(3,1)} \oplus 1440V^{(1,1),\varnothing} \oplus 4938V^{(1,1),(1)} \oplus 1036V^{(1,1),(2)} \oplus$ $856V^{(1,1),(1,1)} \oplus 43V^{(1,1),(3)} \oplus 34V^{(1,1),(2,1)} \oplus 658V^{(1,1,1),\varnothing} \oplus 1096V^{(1,1,1),(1)} \oplus$ $67V^{(1,1,1),(2)} \oplus 34V^{(1,1,1),(1,1)} \oplus 228V^{(1,1,1,1),\varnothing} \oplus 19V^{(1,1,1,1),(1)} \oplus 3V^{(1,1,1,1,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 1446V^{\varnothing,(1)} \oplus 941V^{\varnothing,(2)} \oplus 473V^{\varnothing,(1,1)} \oplus 524V^{\varnothing,(3)} \oplus$ $264V^{\varnothing,(2,1)} \oplus 303V^{\varnothing,(4)} \oplus 153V^{\varnothing,(3,1)} \oplus 154V^{\varnothing,(5)} \oplus 78V^{\varnothing,(4,1)} \oplus 2V^{\varnothing,(6)} \oplus 2V^{\varnothing,(5,1)} \oplus$ $900V^{(1),\varnothing} \oplus 10532V^{(1),(1)} \oplus 4304V^{(1),(2)} \oplus 3936V^{(1),(1,1)} \oplus 1722V^{(1),(3)} \oplus$ $1536V^{(1),(2,1)} \oplus 448V^{(1),(4)} \oplus 376V^{(1),(3,1)} \oplus 5V^{(1),(5)} \oplus 4V^{(1),(4,1)} \oplus 588V^{(1,1),\varnothing} \oplus$ $4304V^{(1,1),(1)} \oplus 1670V^{(1,1),(2)} \oplus 1460V^{(1,1),(1,1)} \oplus 396V^{(1,1),(3)} \oplus 328V^{(1,1),(2,1)} \oplus$ $13V^{(1,1),(4)} \oplus 10V^{(1,1),(3,1)} \oplus 332V^{(1,1,1),\varnothing} \oplus 1722V^{(1,1,1),(1)} \oplus 396V^{(1,1,1),(2)} \oplus$ $328V^{(1,1,1),(1,1)} \oplus 43V^{(1,1,1),(3)} \oplus 34V^{(1,1,1),(2,1)} \oplus 186V^{(1,1,1,1),\varnothing} \oplus 448V^{(1,1,1,1),(1)} \oplus$ $19V^{(1,1,1,1),(2)} \oplus 10V^{(1,1,1,1),(1,1)} \oplus 88V^{(1,1,1,1,1),\varnothing} \oplus 7V^{(1,1,1,1,1),(1)} \oplus V^{(1,1,1,1,1,1),\varnothing}$
$k = 7: \quad V^{\varnothing,(1)} \oplus V^{\varnothing,(2)} \oplus V^{\varnothing,(1,1)} \oplus V^{\varnothing,(3)} \oplus V^{\varnothing,(2,1)} \oplus V^{\varnothing,(4)} \oplus V^{\varnothing,(3,1)} \oplus V^{\varnothing,(5)} \oplus V^{\varnothing,(4,1)} \oplus$ $V^{\varnothing,(6)} \oplus V^{\varnothing,(5,1)} \oplus V^{\varnothing,(6,1)} \oplus 36V^{(1),\varnothing} \oplus 4560V^{(1),(1)} \oplus 2580V^{(1),(2)} \oplus 2460V^{(1),(1,1)} \oplus$ $1200V^{(1),(3)} \oplus 1120V^{(1),(2,1)} \oplus 550V^{(1),(4)} \oplus 500V^{(1),(3,1)} \oplus 204V^{(1),(5)} \oplus 178V^{(1),(4,1)} \oplus$ $2V^{(1),(6)} \oplus 2V^{(1),(5,1)} \oplus 30V^{(1,1),\varnothing} \oplus 2580V^{(1,1),(1)} \oplus 1304V^{(1,1),(2)} \oplus 1196V^{(1,1),(1,1)} \oplus$ $582V^{(1,1),(3)} \oplus 516V^{(1,1),(2,1)} \oplus 160V^{(1,1),(4)} \oplus 132V^{(1,1),(3,1)} \oplus 5V^{(1,1),(5)} \oplus 4V^{(1,1),(4,1)} \oplus$ $24V^{(1,1,1),\varnothing} \oplus 1200V^{(1,1,1),(1)} \oplus 582V^{(1,1,1),(2)} \oplus 516V^{(1,1,1),(1,1)} \oplus 160V^{(1,1,1),(3)} \oplus$ $130V^{(1,1,1),(2,1)} \oplus 13V^{(1,1,1),(4)} \oplus 10V^{(1,1,1),(3,1)} \oplus 18V^{(1,1,1,1),\varnothing} \oplus 550V^{(1,1,1,1),(1)} \oplus$ $160V^{(1,1,1,1),(2)} \oplus 132V^{(1,1,1,1),(1,1)} \oplus 19V^{(1,1,1,1),(3)} \oplus 10V^{(1,1,1,1),(2,1)} \oplus 12V^{(1,1,1,1,1),\varnothing} \oplus$ $204V^{(1,1,1,1,1),(1)} \oplus 7V^{(1,1,1,1,1),(2)} \oplus 4V^{(1,1,1,1,1),(1,1)} \oplus 6V^{(1,1,1,1,1,1),\varnothing} \oplus 3V^{(1,1,1,1,1,1),(1)}$
$k = 6: \quad 720V^{(1),(1)} \oplus 720V^{(1),(2)} \oplus 720V^{(1),(1,1)} \oplus 468V^{(1),(3)} \oplus 468V^{(1),(2,1)} \oplus$ $260V^{(1),(4)} \oplus 260V^{(1),(3,1)} \oplus 150V^{(1),(5)} \oplus 150V^{(1),(4,1)} \oplus 76V^{(1),(6)} \oplus 76V^{(1),(5,1)} \oplus$ $V^{(1),(6,1)} \oplus 720V^{(1,1),(1)} \oplus 648V^{(1,1),(2)} \oplus 624V^{(1,1),(1,1)} \oplus 368V^{(1,1),(3)} \oplus 344V^{(1,1),(2,1)} \oplus$ $186V^{(1,1),(4)} \oplus 168V^{(1,1),(3,1)} \oplus 72V^{(1,1),(5)} \oplus 62V^{(1,1),(4,1)} \oplus 2V^{(1,1),(6)} \oplus 2V^{(1,1),(5,1)} \oplus$ $468V^{(1,1,1),(1)} \oplus 368V^{(1,1,1),(2)} \oplus 344V^{(1,1,1),(1,1)} \oplus 206V^{(1,1,1),(3)} \oplus 184V^{(1,1,1),(2,1)} \oplus$ $64V^{(1,1,1),(4)} \oplus 52V^{(1,1,1),(3,1)} \oplus 5V^{(1,1,1),(5)} \oplus 4V^{(1,1,1),(4,1)} \oplus 260V^{(1,1,1,1),(1)} \oplus$ $186V^{(1,1,1,1),(2)} \oplus 168V^{(1,1,1,1),(1,1)} \oplus 64V^{(1,1,1,1),(3)} \oplus 52V^{(1,1,1,1),(2,1)} \oplus 13V^{(1,1,1,1),(4)} \oplus$ $10V^{(1,1,1,1),(3,1)} \oplus 150V^{(1,1,1,1,1),(1)} \oplus 72V^{(1,1,1,1,1),(2)} \oplus 62V^{(1,1,1,1,1),(1,1)} \oplus 7V^{(1,1,1,1,1),(3)} \oplus$ $4V^{(1,1,1,1,1),(2,1)} \oplus 76V^{(1,1,1,1,1,1),(1)} \oplus 3V^{(1,1,1,1,1,1),(2)} \oplus 2V^{(1,1,1,1,1,1),(1,1)} \oplus V^{(1,1,1,1,1,1,1),(1)}$
$k = 5: \quad 120V^{(1,1),(2)} \oplus 120V^{(1,1),(1,1)} \oplus 120V^{(1,1),(3)} \oplus 120V^{(1,1),(2,1)} \oplus 80V^{(1,1),(4)} \oplus$ $80V^{(1,1),(3,1)} \oplus 50V^{(1,1),(5)} \oplus 50V^{(1,1),(4,1)} \oplus 26V^{(1,1),(6)} \oplus 26V^{(1,1),(5,1)} \oplus V^{(1,1),(6,1)} \oplus$ $120V^{(1,1,1),(2)} \oplus 120V^{(1,1,1),(1,1)} \oplus 108V^{(1,1,1),(3)} \oplus 102V^{(1,1,1),(2,1)} \oplus 66V^{(1,1,1),(4)} \oplus$

Table 213: Table for $\lambda = (1,1,1,1,1,1,1)$, $\mu = (5,2)$:

$k = 14: \quad 2V^{\varnothing,\varnothing}$
$k = 13: \quad 6466V^{\varnothing,\varnothing} \oplus 14V^{\varnothing,(1)} \oplus 170V^{(1),\varnothing}$
$k = 12:$ $12514V^{\varnothing,\varnothing} \oplus 4696V^{\varnothing,(1)} \oplus 12V^{\varnothing,(2)} \oplus 9V^{\varnothing,(1,1)} \oplus 3956V^{(1),\varnothing} \oplus 1057V^{(1),(1)} \oplus 64V^{(1,1),\varnothing}$
$k = 11:$ $12836V^{\varnothing,\varnothing} \oplus 8655V^{\varnothing,(1)} \oplus 1926V^{\varnothing,(2)} \oplus 1042V^{\varnothing,(1,1)} \oplus 9V^{\varnothing,(3)} \oplus 8V^{\varnothing,(2,1)} \oplus 7104V^{(1),\varnothing} \oplus$ $8344V^{(1),(1)} \oplus 195V^{(1),(2)} \oplus 186V^{(1),(1,1)} \oplus 1488V^{(1,1),\varnothing} \oplus 337V^{(1,1),(1)} \oplus 22V^{(1,1,1),\varnothing}$
$k = 10: \quad 9836V^{\varnothing,\varnothing} \oplus 7904V^{\varnothing,(1)} \oplus 3229V^{\varnothing,(2)} \oplus 1711V^{\varnothing,(1,1)} \oplus 794V^{\varnothing,(3)} \oplus$ $742V^{\varnothing,(2,1)} \oplus 6V^{\varnothing,(4)} \oplus 6V^{\varnothing,(3,1)} \oplus 4V^{\varnothing,(2,2)} \oplus 6148V^{(1),\varnothing} \oplus 14866V^{(1),(1)} \oplus$ $2976V^{(1),(2)} \oplus 2588V^{(1),(1,1)} \oplus 45V^{(1),(3)} \oplus 43V^{(1),(2,1)} \oplus 2440V^{(1,1),\varnothing} \oplus 2944V^{(1,1),(1)} \oplus$ $195V^{(1,1),(2)} \oplus 186V^{(1,1),(1,1)} \oplus 598V^{(1,1,1),\varnothing} \oplus 97V^{(1,1,1),(1)} \oplus 8V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 4440V^{\varnothing,\varnothing} \oplus 4945V^{\varnothing,(1)} \oplus 2336V^{\varnothing,(2)} \oplus 1216V^{\varnothing,(1,1)} \oplus 1059V^{\varnothing,(3)} \oplus$ $1009V^{\varnothing,(2,1)} \oplus 360V^{\varnothing,(4)} \oplus 360V^{\varnothing,(3,1)} \oplus 182V^{\varnothing,(2,2)} \oplus 3V^{\varnothing,(5)} \oplus 4V^{\varnothing,(4,1)} \oplus 3V^{\varnothing,(3,2)} \oplus$ $4316V^{(1),\varnothing} \oplus 14416V^{(1),(1)} \oplus 5082V^{(1),(2)} \oplus 4488V^{(1),(1,1)} \oplus 1136V^{(1),(3)} \oplus 1096V^{(1),(2,1)} \oplus$ $13V^{(1),(4)} \oplus 13V^{(1),(3,1)} \oplus 10V^{(1),(2,2)} \oplus 1760V^{(1,1),\varnothing} \oplus 4974V^{(1,1),(1)} \oplus 1092V^{(1,1),(2)} \oplus$ $936V^{(1,1),(1,1)} \oplus 45V^{(1,1),(3)} \oplus 43V^{(1,1),(2,1)} \oplus 802V^{(1,1,1),\varnothing} \oplus 1120V^{(1,1,1),(1)} \oplus$ $75V^{(1,1,1),(2)} \oplus 66V^{(1,1,1),(1,1)} \oplus 260V^{(1,1,1,1),\varnothing} \oplus 25V^{(1,1,1,1),(1)} \oplus 3V^{(1,1,1,1,1),\varnothing}$
$k = 8:$ $720V^{\varnothing,\varnothing} \oplus 1446V^{\varnothing,(1)} \oplus 941V^{\varnothing,(2)} \oplus 473V^{\varnothing,(1,1)} \oplus 524V^{\varnothing,(3)} \oplus 524V^{\varnothing,(2,1)} \oplus 303V^{\varnothing,(4)} \oplus$ $303V^{\varnothing,(3,1)} \oplus 153V^{\varnothing,(2,2)} \oplus 78V^{\varnothing,(5)} \oplus 154V^{\varnothing,(4,1)} \oplus 78V^{\varnothing,(3,2)} \oplus 2V^{\varnothing,(5,1)} \oplus 2V^{\varnothing,(4,2)} \oplus$ $1560V^{(1),\varnothing} \oplus 10532V^{(1),(1)} \oplus 4352V^{(1),(2)} \oplus 3984V^{(1),(1,1)} \oplus 1758V^{(1),(3)} \oplus 1722V^{(1),(2,1)} \oplus$ $448V^{(1),(4)} \oplus 448V^{(1),(3,1)} \oplus 376V^{(1),(2,2)} \oplus 4V^{(1),(5)} \oplus 5V^{(1),(4,1)} \oplus 4V^{(1),(3,2)} \oplus 888V^{(1,1),\varnothing} \oplus$ $4304V^{(1,1),(1)} \oplus 1718V^{(1,1),(2)} \oplus 1508V^{(1,1),(1,1)} \oplus 412V^{(1,1),(3)} \oplus 396V^{(1,1),(2,1)} \oplus$ $13V^{(1,1),(4)} \oplus 13V^{(1,1),(3,1)} \oplus 10V^{(1,1),(2,2)} \oplus 428V^{(1,1,1),\varnothing} \oplus 1722V^{(1,1,1),(1)} \oplus 424V^{(1,1,1),(2)} \oplus$ $356V^{(1,1,1),(1,1)} \oplus 45V^{(1,1,1),(3)} \oplus 43V^{(1,1,1),(2,1)} \oplus 234V^{(1,1,1,1),\varnothing} \oplus 448V^{(1,1,1,1),(1)} \oplus$ $27V^{(1,1,1,1),(2)} \oplus 18V^{(1,1,1,1),(1,1)} \oplus 104V^{(1,1,1,1,1),\varnothing} \oplus 7V^{(1,1,1,1,1),(1)} \oplus V^{(1,1,1,1,1,1),\varnothing}$
$k = 7: \quad V^{\varnothing,(1)} \oplus V^{\varnothing,(2)} \oplus V^{\varnothing,(1,1)} \oplus V^{\varnothing,(3)} \oplus V^{\varnothing,(2,1)} \oplus V^{\varnothing,(4)} \oplus V^{\varnothing,(3,1)} \oplus V^{\varnothing,(2,2)} \oplus$ $V^{\varnothing,(5)} \oplus V^{\varnothing,(4,1)} \oplus V^{\varnothing,(3,2)} \oplus V^{\varnothing,(5,1)} \oplus V^{\varnothing,(4,2)} \oplus V^{\varnothing,(5,2)} \oplus 196V^{(1),\varnothing} \oplus 4560V^{(1),(1)} \oplus$ $2580V^{(1),(2)} \oplus 2460V^{(1),(1,1)} \oplus 1200V^{(1),(3)} \oplus 1200V^{(1),(2,1)} \oplus 550V^{(1),(4)} \oplus$ $550V^{(1),(3,1)} \oplus 500V^{(1),(2,2)} \oplus 178V^{(1),(5)} \oplus 204V^{(1),(4,1)} \oplus 178V^{(1),(3,2)} \oplus 2V^{(1),(5,1)} \oplus$ $2V^{(1),(4,2)} \oplus 140V^{(1,1),\varnothing} \oplus 2580V^{(1,1),(1)} \oplus 1316V^{(1,1),(2)} \oplus 1208V^{(1,1),(1,1)} \oplus$ $594V^{(1,1),(3)} \oplus 582V^{(1,1),(2,1)} \oplus 160V^{(1,1),(4)} \oplus 160V^{(1,1),(3,1)} \oplus 132V^{(1,1),(2,2)} \oplus$ $4V^{(1,1),(5)} \oplus 5V^{(1,1),(4,1)} \oplus 4V^{(1,1),(3,2)} \oplus 84V^{(1,1,1),\varnothing} \oplus 1200V^{(1,1,1),(1)} \oplus 594V^{(1,1,1),(2)} \oplus$ $528V^{(1,1,1),(1,1)} \oplus 168V^{(1,1,1),(3)} \oplus 160V^{(1,1,1),(2,1)} \oplus 13V^{(1,1,1),(4)} \oplus 13V^{(1,1,1),(3,1)} \oplus$ $10V^{(1,1,1),(2,2)} \oplus 42V^{(1,1,1,1),\varnothing} \oplus 550V^{(1,1,1,1),(1)} \oplus 168V^{(1,1,1,1),(2)} \oplus 140V^{(1,1,1,1),(1,1)} \oplus$ $21V^{(1,1,1,1),(3)} \oplus 19V^{(1,1,1,1),(2,1)} \oplus 28V^{(1,1,1,1,1),\varnothing} \oplus 204V^{(1,1,1,1,1),(1)} \oplus 9V^{(1,1,1,1,1),(2)} \oplus$ $6V^{(1,1,1,1,1),(1,1)} \oplus 14V^{(1,1,1,1,1,1),\varnothing} \oplus 3V^{(1,1,1,1,1,1),(1)}$
$k = 6:$ $720V^{(1),(1)} \oplus 720V^{(1),(2)} \oplus 720V^{(1),(1,1)} \oplus 468V^{(1),(3)} \oplus 468V^{(1),(2,1)} \oplus 260V^{(1),(4)} \oplus$ $260V^{(1),(3,1)} \oplus 260V^{(1),(2,2)} \oplus 150V^{(1),(5)} \oplus 150V^{(1),(4,1)} \oplus 150V^{(1),(3,2)} \oplus 76V^{(1),(5,1)} \oplus$ $76V^{(1),(4,2)} \oplus V^{(1),(5,2)} \oplus 720V^{(1,1),(1)} \oplus 648V^{(1,1),(2)} \oplus 624V^{(1,1),(1,1)} \oplus 368V^{(1,1),(3)} \oplus$ $368V^{(1,1),(2,1)} \oplus 186V^{(1,1),(4)} \oplus 186V^{(1,1),(3,1)} \oplus 168V^{(1,1),(2,2)} \oplus 62V^{(1,1),(5)} \oplus 72V^{(1,1),(4,1)} \oplus$ $62V^{(1,1),(3,2)} \oplus 2V^{(1,1),(5,1)} \oplus 2V^{(1,1),(4,2)} \oplus 468V^{(1,1,1),(1)} \oplus 368V^{(1,1,1),(2)} \oplus 344V^{(1,1,1),(1,1)} \oplus$ $210V^{(1,1,1),(3)} \oplus 206V^{(1,1,1),(2,1)} \oplus 64V^{(1,1,1),(4)} \oplus 64V^{(1,1,1),(3,1)} \oplus 52V^{(1,1,1),(2,2)} \oplus$ $4V^{(1,1,1),(5)} \oplus 5V^{(1,1,1),(4,1)} \oplus 4V^{(1,1,1),(3,2)} \oplus 260V^{(1,1,1,1),(1)} \oplus 186V^{(1,1,1,1),(2)} \oplus$ $168V^{(1,1,1,1),(1,1)} \oplus 68V^{(1,1,1,1),(3)} \oplus 64V^{(1,1,1,1),(2,1)} \oplus 13V^{(1,1,1,1),(4)} \oplus 13V^{(1,1,1,1),(3,1)} \oplus$

Table 214: Table for $\lambda = (1,1,1,1,1,1,1)$, $\mu = (5,1,1)$:

$k = 14: \quad 3V^{\varnothing,\varnothing}$
$k = 13: \quad 6567V^{\varnothing,\varnothing} \oplus 15V^{\varnothing,(1)} \oplus 206V^{(1),\varnothing}$
$k = 12:$ $12677V^{\varnothing,\varnothing} \oplus 4956V^{\varnothing,(1)} \oplus 12V^{\varnothing,(2)} \oplus 10V^{\varnothing,(1,1)} \oplus 4134V^{(1),\varnothing} \oplus 1059V^{(1),(1)} \oplus 81V^{(1,1),\varnothing}$
$k = 11: \quad 12947V^{\varnothing,\varnothing} \oplus 9105V^{\varnothing,(1)} \oplus 1926V^{\varnothing,(2)} \oplus 1802V^{\varnothing,(1,1)} \oplus 9V^{\varnothing,(3)} \oplus 8V^{\varnothing,(2,1)} \oplus 5V^{\varnothing,(1,1,1)} \oplus 7338V^{(1),\varnothing} \oplus 8544V^{(1),(1)} \oplus 195V^{(1),(2)} \oplus 187V^{(1),(1,1)} \oplus 1554V^{(1,1),\varnothing} \oplus 339V^{(1,1),(1)} \oplus 28V^{(1,1,1),\varnothing}$
$k = 10: \quad 9860V^{\varnothing,\varnothing} \oplus 8224V^{\varnothing,(1)} \oplus 3229V^{\varnothing,(2)} \oplus 3061V^{\varnothing,(1,1)} \oplus 794V^{\varnothing,(3)} \oplus 742V^{\varnothing,(2,1)} \oplus 376V^{\varnothing,(1,1,1)} \oplus 6V^{\varnothing,(4)} \oplus 6V^{\varnothing,(3,1)} \oplus 4V^{\varnothing,(2,1,1)} \oplus 7142V^{(1),\varnothing} \oplus 15190V^{(1),(1)} \oplus 2976V^{(1),(2)} \oplus 2848V^{(1),(1,1)} \oplus 45V^{(1),(3)} \oplus 43V^{(1),(2,1)} \oplus 34V^{(1),(1,1,1)} \oplus 2508V^{(1,1),\varnothing} \oplus 3024V^{(1,1),(1)} \oplus 195V^{(1,1),(2)} \oplus 187V^{(1,1),(1,1)} \oplus 618V^{(1,1,1),\varnothing} \oplus 99V^{(1,1,1),(1)} \oplus 9V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 4440V^{\varnothing,\varnothing} \oplus 5065V^{\varnothing,(1)} \oplus 2336V^{\varnothing,(2)} \oplus 2256V^{\varnothing,(1,1)} \oplus 1059V^{\varnothing,(3)} \oplus 1009V^{\varnothing,(2,1)} \oplus 509V^{\varnothing,(1,1,1)} \oplus 360V^{\varnothing,(4)} \oplus 360V^{\varnothing,(3,1)} \oplus 182V^{\varnothing,(2,1,1)} \oplus 3V^{\varnothing,(5)} \oplus 4V^{\varnothing,(4,1)} \oplus 3V^{\varnothing,(3,1,1)} \oplus 4605V^{(1),\varnothing} \oplus 14608V^{(1),(1)} \oplus 5082V^{(1),(2)} \oplus 4938V^{(1),(1,1)} \oplus 1136V^{(1),(3)} \oplus 1096V^{(1),(2,1)} \oplus 928V^{(1),(1,1,1)} \oplus 13V^{(1),(4)} \oplus 13V^{(1),(3,1)} \oplus 10V^{(1),(2,1,1)} \oplus 2040V^{(1,1),\varnothing} \oplus 5082V^{(1,1),(1)} \oplus 1092V^{(1,1),(2)} \oplus 1036V^{(1,1),(1,1)} \oplus 45V^{(1,1),(3)} \oplus 43V^{(1,1),(2,1)} \oplus 34V^{(1,1),(1,1,1)} \oplus 820V^{(1,1,1),\varnothing} \oplus 1160V^{(1,1,1),(1)} \oplus 75V^{(1,1,1),(2)} \oplus 67V^{(1,1,1),(1,1)} \oplus 264V^{(1,1,1,1),\varnothing} \oplus 27V^{(1,1,1,1),(1)} \oplus 3V^{(1,1,1,1,1),\varnothing}$
$k = 8:$ $720V^{\varnothing,\varnothing} \oplus 1446V^{\varnothing,(1)} \oplus 941V^{\varnothing,(2)} \oplus 941V^{\varnothing,(1,1)} \oplus 524V^{\varnothing,(3)} \oplus 524V^{\varnothing,(2,1)} \oplus 264V^{\varnothing,(1,1,1)} \oplus 303V^{\varnothing,(4)} \oplus 303V^{\varnothing,(3,1)} \oplus 153V^{\varnothing,(2,1,1)} \oplus 78V^{\varnothing,(5)} \oplus 154V^{\varnothing,(4,1)} \oplus 78V^{\varnothing,(3,1,1)} \oplus 2V^{\varnothing,(5,1)} \oplus 2V^{\varnothing,(4,1,1)} \oplus 1710V^{(1),\varnothing} \oplus 10580V^{(1),(1)} \oplus 4352V^{(1),(2)} \oplus 4304V^{(1),(1,1)} \oplus 1758V^{(1),(3)} \oplus 1722V^{(1),(2,1)} \oplus 1536V^{(1),(1,1,1)} \oplus 448V^{(1),(4)} \oplus 448V^{(1),(3,1)} \oplus 376V^{(1),(2,1,1)} \oplus 4V^{(1),(5)} \oplus 5V^{(1),(4,1)} \oplus 4V^{(1),(3,1,1)} \oplus 993V^{(1,1),\varnothing} \oplus 4352V^{(1,1),(1)} \oplus 1718V^{(1,1),(2)} \oplus 1670V^{(1,1),(1,1)} \oplus 412V^{(1,1),(3)} \oplus 396V^{(1,1),(2,1)} \oplus 328V^{(1,1),(1,1,1)} \oplus 13V^{(1,1),(4)} \oplus 13V^{(1,1),(3,1)} \oplus 10V^{(1,1),(2,1,1)} \oplus 500V^{(1,1,1),\varnothing} \oplus 1758V^{(1,1,1),(1)} \oplus 424V^{(1,1,1),(2)} \oplus 396V^{(1,1,1),(1,1)} \oplus 45V^{(1,1,1),(3)} \oplus 43V^{(1,1,1),(2,1)} \oplus 34V^{(1,1,1),(1,1,1)} \oplus 240V^{(1,1,1,1),\varnothing} \oplus 468V^{(1,1,1,1),(1)} \oplus 27V^{(1,1,1,1),(2)} \oplus 19V^{(1,1,1,1),(1,1)} \oplus 106V^{(1,1,1,1,1),\varnothing} \oplus 9V^{(1,1,1,1,1),(1)} \oplus V^{(1,1,1,1,1,1),\varnothing}$
$k = 7:$ $V^{\varnothing,(1)} \oplus V^{\varnothing,(2)} \oplus V^{\varnothing,(1,1)} \oplus V^{\varnothing,(3)} \oplus V^{\varnothing,(2,1)} \oplus V^{\varnothing,(1,1,1)} \oplus V^{\varnothing,(4)} \oplus V^{\varnothing,(3,1)} \oplus V^{\varnothing,(2,1,1)} \oplus V^{\varnothing,(5)} \oplus V^{\varnothing,(4,1)} \oplus V^{\varnothing,(3,1,1)} \oplus V^{\varnothing,(5,1)} \oplus V^{\varnothing,(4,1,1)} \oplus V^{\varnothing,(5,1,1)} \oplus 225V^{(1),\varnothing} \oplus 4560V^{(1),(1)} \oplus 2580V^{(1),(2)} \oplus 2580V^{(1),(1,1)} \oplus 1200V^{(1),(3)} \oplus 1200V^{(1),(2,1)} \oplus 1120V^{(1),(1,1,1)} \oplus 550V^{(1),(4)} \oplus 550V^{(1),(3,1)} \oplus 500V^{(1),(2,1,1)} \oplus 178V^{(1),(5)} \oplus 204V^{(1),(4,1)} \oplus 178V^{(1),(3,1,1)} \oplus 2V^{(1),(5,1)} \oplus 2V^{(1),(4,1,1)} \oplus 165V^{(1,1),\varnothing} \oplus 2580V^{(1,1),(1)} \oplus 1316V^{(1,1),(2)} \oplus 1304V^{(1,1),(1,1)} \oplus 594V^{(1,1),(3)} \oplus 582V^{(1,1),(2,1)} \oplus 516V^{(1,1),(1,1,1)} \oplus 160V^{(1,1),(4)} \oplus 160V^{(1,1),(3,1)} \oplus 132V^{(1,1),(2,1,1)} \oplus 4V^{(1,1),(5)} \oplus 5V^{(1,1),(4,1)} \oplus 4V^{(1,1),(3,1,1)} \oplus 105V^{(1,1,1),\varnothing} \oplus 1200V^{(1,1,1),(1)} \oplus 594V^{(1,1,1),(2)} \oplus 582V^{(1,1,1),(1,1)} \oplus 168V^{(1,1,1),(3)} \oplus 160V^{(1,1,1),(2,1)} \oplus 130V^{(1,1,1),(1,1,1)} \oplus 13V^{(1,1,1),(4)} \oplus 13V^{(1,1,1),(3,1)} \oplus 10V^{(1,1,1),(2,1,1)} \oplus 60V^{(1,1,1,1),\varnothing} \oplus 550V^{(1,1,1,1),(1)} \oplus 168V^{(1,1,1,1),(2)} \oplus 160V^{(1,1,1,1),(1,1)} \oplus 21V^{(1,1,1,1),(3)} \oplus 19V^{(1,1,1,1),(2,1)} \oplus 10V^{(1,1,1,1),(1,1,1)} \oplus 30V^{(1,1,1,1,1),\varnothing} \oplus 204V^{(1,1,1,1,1),(1)} \oplus 9V^{(1,1,1,1,1),(2)} \oplus 7V^{(1,1,1,1,1),(1,1)} \oplus 15V^{(1,1,1,1,1,1),\varnothing} \oplus 3V^{(1,1,1,1,1,1),(1)}$
$k = 6: \quad 720V^{(1),(1)} \oplus 720V^{(1),(2)} \oplus 720V^{(1),(1,1)} \oplus 468V^{(1),(3)} \oplus 468V^{(1),(2,1)} \oplus 468V^{(1),(1,1,1)} \oplus 260V^{(1),(4)} \oplus 260V^{(1),(3,1)} \oplus 260V^{(1),(2,1,1)} \oplus 150V^{(1),(5)} \oplus 150V^{(1),(4,1)} \oplus 150V^{(1),(3,1,1)} \oplus 76V^{(1),(5,1)} \oplus 76V^{(1),(4,1,1)} \oplus V^{(1),(5,1,1)} \oplus 720V^{(1,1),(1)} \oplus 648V^{(1,1),(2)} \oplus 648V^{(1,1),(1,1)} \oplus 368V^{(1,1),(3)} \oplus 368V^{(1,1),(2,1)} \oplus 344V^{(1,1),(1,1,1)} \oplus 186V^{(1,1),(4)} \oplus 186V^{(1,1),(3,1)} \oplus 168V^{(1,1),(2,1,1)} \oplus 62V^{(1,1),(5)} \oplus 72V^{(1,1),(4,1)} \oplus 62V^{(1,1),(3,1,1)} \oplus 2V^{(1,1),(5,1)} \oplus 2V^{(1,1),(4,1,1)} \oplus 468V^{(1,1,1),(1)} \oplus 368V^{(1,1,1),(2)} \oplus 368V^{(1,1,1),(1,1)} \oplus$

Table 215: Table for $\lambda = (1,1,1,1,1,1,1)$, $\mu = (4,3)$:

$k = 14: \quad 2V^{\varnothing,\varnothing}$
$k = 13: \quad 6466V^{\varnothing,\varnothing} \oplus 13V^{\varnothing,(1)} \oplus 169V^{(1),\varnothing}$
$k = 12:$ $12514V^{\varnothing,\varnothing} \oplus 4688V^{\varnothing,(1)} \oplus 11V^{\varnothing,(2)} \oplus 9V^{\varnothing,(1,1)} \oplus 3954V^{(1),\varnothing} \oplus 1033V^{(1),(1)} \oplus 63V^{(1,1),\varnothing}$
$k = 11:$ $12836V^{\varnothing,\varnothing} \oplus 8649V^{\varnothing,(1)} \oplus 1906V^{\varnothing,(2)} \oplus 1042V^{\varnothing,(1,1)} \oplus 8V^{\varnothing,(3)} \oplus 8V^{\varnothing,(2,1)} \oplus 7104V^{(1),\varnothing} \oplus$ $8248V^{(1),(1)} \oplus 189V^{(1),(2)} \oplus 186V^{(1),(1,1)} \oplus 1488V^{(1,1),\varnothing} \oplus 313V^{(1,1),(1)} \oplus 22V^{(1,1,1),\varnothing}$
$k = 10: \quad 9836V^{\varnothing,\varnothing} \oplus 7904V^{\varnothing,(1)} \oplus 3211V^{\varnothing,(2)} \oplus 1711V^{\varnothing,(1,1)} \oplus 742V^{\varnothing,(3)} \oplus$ $742V^{\varnothing,(2,1)} \oplus 4V^{\varnothing,(4)} \oplus 6V^{\varnothing,(3,1)} \oplus 5V^{\varnothing,(2,2)} \oplus 6148V^{(1),\varnothing} \oplus 14818V^{(1),(1)} \oplus$ $2928V^{(1),(2)} \oplus 2588V^{(1),(1,1)} \oplus 43V^{(1),(3)} \oplus 43V^{(1),(2,1)} \oplus 2440V^{(1,1),\varnothing} \oplus 2896V^{(1,1),(1)} \oplus$ $189V^{(1,1),(2)} \oplus 186V^{(1,1),(1,1)} \oplus 598V^{(1,1,1),\varnothing} \oplus 73V^{(1,1,1),(1)} \oplus 8V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 4440V^{\varnothing,\varnothing} \oplus 4945V^{\varnothing,(1)} \oplus 2336V^{\varnothing,(2)} \oplus 1216V^{\varnothing,(1,1)} \oplus 1009V^{\varnothing,(3)} \oplus$ $1009V^{\varnothing,(2,1)} \oplus 182V^{\varnothing,(4)} \oplus 360V^{\varnothing,(3,1)} \oplus 208V^{\varnothing,(2,2)} \oplus 3V^{\varnothing,(4,1)} \oplus 4V^{\varnothing,(3,2)} \oplus$ $4316V^{(1),\varnothing} \oplus 14416V^{(1),(1)} \oplus 5046V^{(1),(2)} \oplus 4488V^{(1),(1,1)} \oplus 1096V^{(1),(3)} \oplus 1096V^{(1),(2,1)} \oplus$ $10V^{(1),(4)} \oplus 13V^{(1),(3,1)} \oplus 12V^{(1),(2,2)} \oplus 1760V^{(1,1),\varnothing} \oplus 4974V^{(1,1),(1)} \oplus 1068V^{(1,1),(2)} \oplus$ $936V^{(1,1),(1,1)} \oplus 43V^{(1,1),(3)} \oplus 43V^{(1,1),(2,1)} \oplus 802V^{(1,1,1),\varnothing} \oplus 1120V^{(1,1,1),(1)} \oplus$ $69V^{(1,1,1),(2)} \oplus 66V^{(1,1,1),(1,1)} \oplus 260V^{(1,1,1,1),\varnothing} \oplus 25V^{(1,1,1,1),(1)} \oplus 3V^{(1,1,1,1,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 1446V^{\varnothing,(1)} \oplus 941V^{\varnothing,(2)} \oplus 473V^{\varnothing,(1,1)} \oplus 524V^{\varnothing,(3)} \oplus 524V^{\varnothing,(2,1)} \oplus$ $153V^{\varnothing,(4)} \oplus 303V^{\varnothing,(3,1)} \oplus 153V^{\varnothing,(2,2)} \oplus 78V^{\varnothing,(4,1)} \oplus 154V^{\varnothing,(3,2)} \oplus 2V^{\varnothing,(4,2)} \oplus 2V^{\varnothing,(3,3)} \oplus$ $1476V^{(1),\varnothing} \oplus 10532V^{(1),(1)} \oplus 4352V^{(1),(2)} \oplus 3984V^{(1),(1,1)} \oplus 1722V^{(1),(3)} \oplus 1722V^{(1),(2,1)} \oplus$ $376V^{(1),(4)} \oplus 448V^{(1),(3,1)} \oplus 396V^{(1),(2,2)} \oplus 4V^{(1),(4,1)} \oplus 5V^{(1),(3,2)} \oplus 888V^{(1,1),\varnothing} \oplus$ $4304V^{(1,1),(1)} \oplus 1706V^{(1,1),(2)} \oplus 1508V^{(1,1),(1,1)} \oplus 396V^{(1,1),(3)} \oplus 396V^{(1,1),(2,1)} \oplus$ $10V^{(1,1),(4)} \oplus 13V^{(1,1),(3,1)} \oplus 12V^{(1,1),(2,2)} \oplus 428V^{(1,1,1),\varnothing} \oplus 1722V^{(1,1,1),(1)} \oplus 412V^{(1,1,1),(2)} \oplus$ $356V^{(1,1,1),(1,1)} \oplus 43V^{(1,1,1),(3)} \oplus 43V^{(1,1,1),(2,1)} \oplus 234V^{(1,1,1,1),\varnothing} \oplus 448V^{(1,1,1,1),(1)} \oplus$ $21V^{(1,1,1,1),(2)} \oplus 18V^{(1,1,1,1),(1,1)} \oplus 104V^{(1,1,1,1,1),\varnothing} \oplus 7V^{(1,1,1,1,1),(1)} \oplus V^{(1,1,1,1,1,1),\varnothing}$
$k = 7: \quad V^{\varnothing,(1)} \oplus V^{\varnothing,(2)} \oplus V^{\varnothing,(1,1)} \oplus V^{\varnothing,(3)} \oplus V^{\varnothing,(2,1)} \oplus V^{\varnothing,(4)} \oplus V^{\varnothing,(3,1)} \oplus V^{\varnothing,(2,2)} \oplus$ $V^{\varnothing,(4,1)} \oplus V^{\varnothing,(3,2)} \oplus V^{\varnothing,(4,2)} \oplus V^{\varnothing,(3,3)} \oplus V^{\varnothing,(4,3)} \oplus 196V^{(1),\varnothing} \oplus 4560V^{(1),(1)} \oplus$ $2580V^{(1),(2)} \oplus 2460V^{(1),(1,1)} \oplus 1200V^{(1),(3)} \oplus 1200V^{(1),(2,1)} \oplus 500V^{(1),(4)} \oplus 550V^{(1),(3,1)} \oplus$ $500V^{(1),(2,2)} \oplus 178V^{(1),(4,1)} \oplus 204V^{(1),(3,2)} \oplus 2V^{(1),(4,2)} \oplus 2V^{(1),(3,3)} \oplus 126V^{(1,1),\varnothing} \oplus$ $2580V^{(1,1),(1)} \oplus 1316V^{(1,1),(2)} \oplus 1208V^{(1,1),(1,1)} \oplus 582V^{(1,1),(3)} \oplus 582V^{(1,1),(2,1)} \oplus$ $132V^{(1,1),(4)} \oplus 160V^{(1,1),(3,1)} \oplus 140V^{(1,1),(2,2)} \oplus 4V^{(1,1),(4,1)} \oplus 5V^{(1,1),(3,2)} \oplus 84V^{(1,1,1),\varnothing} \oplus$ $1200V^{(1,1,1),(1)} \oplus 594V^{(1,1,1),(2)} \oplus 528V^{(1,1,1),(1,1)} \oplus 160V^{(1,1,1),(3)} \oplus 160V^{(1,1,1),(2,1)} \oplus$ $10V^{(1,1,1),(4)} \oplus 13V^{(1,1,1),(3,1)} \oplus 12V^{(1,1,1),(2,2)} \oplus 42V^{(1,1,1,1),\varnothing} \oplus 550V^{(1,1,1,1),(1)} \oplus$ $168V^{(1,1,1,1),(2)} \oplus 140V^{(1,1,1,1),(1,1)} \oplus 19V^{(1,1,1,1),(3)} \oplus 19V^{(1,1,1,1),(2,1)} \oplus 28V^{(1,1,1,1,1),\varnothing} \oplus$ $204V^{(1,1,1,1,1),(1)} \oplus 9V^{(1,1,1,1,1),(2)} \oplus 6V^{(1,1,1,1,1),(1,1)} \oplus 14V^{(1,1,1,1,1,1),\varnothing} \oplus 3V^{(1,1,1,1,1,1),(1)}$
$k = 6: \quad 720V^{(1),(1)} \oplus 720V^{(1),(2)} \oplus 720V^{(1),(1,1)} \oplus 468V^{(1),(3)} \oplus 468V^{(1),(2,1)} \oplus$ $260V^{(1),(4)} \oplus 260V^{(1),(3,1)} \oplus 260V^{(1),(2,2)} \oplus 150V^{(1),(4,1)} \oplus 150V^{(1),(3,2)} \oplus 76V^{(1),(4,2)} \oplus$ $76V^{(1),(3,3)} \oplus V^{(1),(4,3)} \oplus 720V^{(1,1),(1)} \oplus 648V^{(1,1),(2)} \oplus 624V^{(1,1),(1,1)} \oplus 368V^{(1,1),(3)} \oplus$ $368V^{(1,1),(2,1)} \oplus 168V^{(1,1),(4)} \oplus 186V^{(1,1),(3,1)} \oplus 168V^{(1,1),(2,2)} \oplus 62V^{(1,1),(4,1)} \oplus$ $72V^{(1,1),(3,2)} \oplus 2V^{(1,1),(4,2)} \oplus 2V^{(1,1),(3,3)} \oplus 468V^{(1,1,1),(1)} \oplus 368V^{(1,1,1),(2)} \oplus$ $344V^{(1,1,1),(1,1)} \oplus 206V^{(1,1,1),(3)} \oplus 206V^{(1,1,1),(2,1)} \oplus 52V^{(1,1,1),(4)} \oplus 64V^{(1,1,1),(3,1)} \oplus$ $56V^{(1,1,1),(2,2)} \oplus 4V^{(1,1,1),(4,1)} \oplus 5V^{(1,1,1),(3,2)} \oplus 260V^{(1,1,1,1),(1)} \oplus 186V^{(1,1,1,1),(2)} \oplus$ $168V^{(1,1,1,1),(1,1)} \oplus 64V^{(1,1,1,1),(3)} \oplus 64V^{(1,1,1,1),(2,1)} \oplus 10V^{(1,1,1,1),(4)} \oplus 13V^{(1,1,1,1),(3,1)} \oplus$ $12V^{(1,1,1,1),(2,2)} \oplus 150V^{(1,1,1,1,1),(1)} \oplus 72V^{(1,1,1,1,1),(2)} \oplus 62V^{(1,1,1,1,1),(1,1)} \oplus 7V^{(1,1,1,1,1),(3)} \oplus$ $7V^{(1,1,1,1,1),(2,1)} \oplus 76V^{(1,1,1,1,1,1),(1)} \oplus 3V^{(1,1,1,1,1,1),(2)} \oplus 2V^{(1,1,1,1,1,1),(1,1)} \oplus V^{(1,1,1,1,1,1,1),(1)}$
$k = 5: \quad 120V^{(1,1),(2)} \oplus 120V^{(1,1),(1,1)} \oplus 120V^{(1,1),(3)} \oplus 120V^{(1,1),(2,1)} \oplus 80V^{(1,1),(4)} \oplus$

Table 216: Table for $\lambda = (1,1,1,1,1,1,1)$, $\mu = (4,2,1)$:

$k = 14: \quad 3V^{\varnothing,\varnothing}$
$k = 13: \quad 6587V^{\varnothing,\varnothing} \oplus 18V^{\varnothing,(1)} \oplus 571V^{(1),\varnothing}$
$k = 12:$ $12697V^{\varnothing,\varnothing} \oplus 5006V^{\varnothing,(1)} \oplus 15V^{\varnothing,(2)} \oplus 14V^{\varnothing,(1,1)} \oplus 5784V^{(1),\varnothing} \oplus 1209V^{(1),(1)} \oplus 134V^{(1,1),\varnothing}$
$k = 11: \quad 12967V^{\varnothing,\varnothing} \oplus 9165V^{\varnothing,(1)} \oplus 2054V^{\varnothing,(2)} \oplus 1950V^{\varnothing,(1,1)} \oplus 10V^{\varnothing,(3)} \oplus 12V^{\varnothing,(2,1)} \oplus 7V^{\varnothing,(1,1,1)} \oplus 10362V^{(1),\varnothing} \oplus 8856V^{(1),(1)} \oplus 227V^{(1),(2)} \oplus 225V^{(1),(1,1)} \oplus 2090V^{(1,1),\varnothing} \oplus 489V^{(1,1),(1)} \oplus 32V^{(1,1,1),\varnothing}$
$k = 10:$ $9860V^{\varnothing,\varnothing} \oplus 8248V^{\varnothing,(1)} \oplus 3397V^{\varnothing,(2)} \oplus 3247V^{\varnothing,(1,1)} \oplus 804V^{\varnothing,(3)} \oplus 1160V^{\varnothing,(2,1)} \oplus 438V^{\varnothing,(1,1,1)} \oplus 5V^{\varnothing,(4)} \oplus 8V^{\varnothing,(3,1)} \oplus 6V^{\varnothing,(2,2)} \oplus 6V^{\varnothing,(2,1,1)} \oplus 10862V^{(1),\varnothing} \oplus 15346V^{(1),(1)} \oplus 3152V^{(1),(2)} \oplus 3072V^{(1),(1,1)} \oplus 51V^{(1),(3)} \oplus 54V^{(1),(2,1)} \oplus 42V^{(1),(1,1,1)} \oplus 3508V^{(1,1),\varnothing} \oplus 3120V^{(1,1),(1)} \oplus 227V^{(1,1),(2)} \oplus 225V^{(1,1),(1,1)} \oplus 818V^{(1,1,1),\varnothing} \oplus 129V^{(1,1,1),(1)} \oplus 9V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 4440V^{\varnothing,\varnothing} \oplus 5065V^{\varnothing,(1)} \oplus 2416V^{\varnothing,(2)} \oplus 2336V^{\varnothing,(1,1)} \oplus 1059V^{\varnothing,(3)} \oplus 1559V^{\varnothing,(2,1)} \oplus 559V^{\varnothing,(1,1,1)} \oplus 208V^{\varnothing,(4)} \oplus 538V^{\varnothing,(3,1)} \oplus 360V^{\varnothing,(2,2)} \oplus 360V^{\varnothing,(2,1,1)} \oplus 4V^{\varnothing,(4,1)} \oplus 4V^{\varnothing,(3,2)} \oplus 4V^{\varnothing,(3,1,1)} \oplus 3V^{\varnothing,(2,2,1)} \oplus 8845V^{(1),\varnothing} \oplus 14644V^{(1),(1)} \oplus 5226V^{(1),(2)} \oplus 5118V^{(1),(1,1)} \oplus 1160V^{(1),(3)} \oplus 1304V^{(1),(2,1)} \oplus 992V^{(1),(1,1,1)} \oplus 12V^{(1),(4)} \oplus 16V^{(1),(3,1)} \oplus 13V^{(1),(2,2)} \oplus 13V^{(1),(2,1,1)} \oplus 3160V^{(1,1),\varnothing} \oplus 5118V^{(1,1),(1)} \oplus 1172V^{(1,1),(2)} \oplus 1140V^{(1,1),(1,1)} \oplus 51V^{(1,1),(3)} \oplus 54V^{(1,1),(2,1)} \oplus 42V^{(1,1),(1,1,1)} \oplus 1180V^{(1,1,1),\varnothing} \oplus 1184V^{(1,1,1),(1)} \oplus 107V^{(1,1,1),(2)} \oplus 105V^{(1,1,1),(1,1)} \oplus 344V^{(1,1,1,1),\varnothing} \oplus 33V^{(1,1,1,1),(1)} \oplus 3V^{(1,1,1,1,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 1446V^{\varnothing,(1)} \oplus 941V^{\varnothing,(2)} \oplus 941V^{\varnothing,(1,1)} \oplus 524V^{\varnothing,(3)} \oplus 784V^{\varnothing,(2,1)} \oplus 264V^{\varnothing,(1,1,1)} \oplus 153V^{\varnothing,(4)} \oplus 453V^{\varnothing,(3,1)} \oplus 303V^{\varnothing,(2,2)} \oplus 303V^{\varnothing,(2,1,1)} \oplus 154V^{\varnothing,(4,1)} \oplus 154V^{\varnothing,(3,2)} \oplus 154V^{\varnothing,(3,1,1)} \oplus 78V^{\varnothing,(2,2,1)} \oplus 2V^{\varnothing,(4,2)} \oplus 2V^{\varnothing,(4,1,1)} \oplus 2V^{\varnothing,(3,2,1)} \oplus 4920V^{(1),\varnothing} \oplus 10580V^{(1),(1)} \oplus 4400V^{(1),(2)} \oplus 4352V^{(1),(1,1)} \oplus 1758V^{(1),(3)} \oplus 1944V^{(1),(2,1)} \oplus 1572V^{(1),(1,1,1)} \oplus 396V^{(1),(4)} \oplus 520V^{(1),(3,1)} \oplus 448V^{(1),(2,2)} \oplus 448V^{(1),(2,1,1)} \oplus 5V^{(1),(4,1)} \oplus 5V^{(1),(3,2)} \oplus 5V^{(1),(3,1,1)} \oplus 4V^{(1),(2,2,1)} \oplus 2043V^{(1,1),\varnothing} \oplus 4352V^{(1,1),(1)} \oplus 1766V^{(1,1),(2)} \oplus 1730V^{(1,1),(1,1)} \oplus 424V^{(1,1),(3)} \oplus 480V^{(1,1),(2,1)} \oplus 356V^{(1,1),(1,1,1)} \oplus 12V^{(1,1),(4)} \oplus 16V^{(1,1),(3,1)} \oplus 13V^{(1,1),(2,2)} \oplus 13V^{(1,1),(2,1,1)} \oplus 820V^{(1,1,1),\varnothing} \oplus 1758V^{(1,1,1),(1)} \oplus 452V^{(1,1,1),(2)} \oplus 436V^{(1,1,1),(1,1)} \oplus 51V^{(1,1,1),(3)} \oplus 54V^{(1,1,1),(2,1)} \oplus 42V^{(1,1,1),(1,1,1)} \oplus 360V^{(1,1,1,1),\varnothing} \oplus 468V^{(1,1,1,1),(1)} \oplus 35V^{(1,1,1,1),(2)} \oplus 33V^{(1,1,1,1),(1,1)} \oplus 146V^{(1,1,1,1,1),\varnothing} \oplus 9V^{(1,1,1,1,1),(1)} \oplus V^{(1,1,1,1,1,1),\varnothing}$
$k = 7: \quad V^{\varnothing,(1)} \oplus V^{\varnothing,(2)} \oplus V^{\varnothing,(1,1)} \oplus V^{\varnothing,(3)} \oplus V^{\varnothing,(2,1)} \oplus V^{\varnothing,(1,1,1)} \oplus V^{\varnothing,(4)} \oplus V^{\varnothing,(3,1)} \oplus V^{\varnothing,(2,2)} \oplus V^{\varnothing,(2,1,1)} \oplus V^{\varnothing,(4,1)} \oplus V^{\varnothing,(3,2)} \oplus V^{\varnothing,(3,1,1)} \oplus V^{\varnothing,(2,2,1)} \oplus V^{\varnothing,(4,2)} \oplus V^{\varnothing,(4,1,1)} \oplus V^{\varnothing,(3,2,1)} \oplus V^{\varnothing,(4,2,1)} \oplus 1225V^{(1),\varnothing} \oplus 4560V^{(1),(1)} \oplus 2580V^{(1),(2)} \oplus 2580V^{(1),(1,1)} \oplus 1200V^{(1),(3)} \oplus 1280V^{(1),(2,1)} \oplus 1120V^{(1),(1,1,1)} \oplus 500V^{(1),(4)} \oplus 600V^{(1),(3,1)} \oplus 550V^{(1),(2,2)} \oplus 550V^{(1),(2,1,1)} \oplus 204V^{(1),(4,1)} \oplus 204V^{(1),(3,2)} \oplus 204V^{(1),(3,1,1)} \oplus 178V^{(1),(2,2,1)} \oplus 2V^{(1),(4,2)} \oplus 2V^{(1),(4,1,1)} \oplus 2V^{(1),(3,2,1)} \oplus 700V^{(1,1),\varnothing} \oplus 2580V^{(1,1),(1)} \oplus 1328V^{(1,1),(2)} \oplus 1316V^{(1,1),(1,1)} \oplus 594V^{(1,1),(3)} \oplus 660V^{(1,1),(2,1)} \oplus 528V^{(1,1),(1,1,1)} \oplus 140V^{(1,1),(4)} \oplus 188V^{(1,1),(3,1)} \oplus 160V^{(1,1),(2,2)} \oplus 160V^{(1,1),(2,1,1)} \oplus 5V^{(1,1),(4,1)} \oplus 5V^{(1,1),(3,2)} \oplus 5V^{(1,1),(3,1,1)} \oplus 4V^{(1,1),(2,2,1)} \oplus 315V^{(1,1,1),\varnothing} \oplus 1200V^{(1,1,1),(1)} \oplus 606V^{(1,1,1),(2)} \oplus 594V^{(1,1,1),(1,1)} \oplus 174V^{(1,1,1),(3)} \oplus 198V^{(1,1,1),(2,1)} \oplus 144V^{(1,1,1),(1,1,1)} \oplus 12V^{(1,1,1),(4)} \oplus 16V^{(1,1,1),(3,1)} \oplus 13V^{(1,1,1),(2,2)} \oplus 13V^{(1,1,1),(2,1,1)} \oplus 140V^{(1,1,1,1),\varnothing} \oplus 550V^{(1,1,1,1),(1)} \oplus 176V^{(1,1,1,1),(2)} \oplus 168V^{(1,1,1,1),(1,1)} \oplus 27V^{(1,1,1,1),(3)} \oplus 30V^{(1,1,1,1),(2,1)} \oplus 18V^{(1,1,1,1),(1,1,1)} \oplus 70V^{(1,1,1,1,1),\varnothing} \oplus 204V^{(1,1,1,1,1),(1)} \oplus 11V^{(1,1,1,1,1),(2)} \oplus 9V^{(1,1,1,1,1),(1,1)} \oplus 35V^{(1,1,1,1,1,1),\varnothing} \oplus 3V^{(1,1,1,1,1,1),(1)}$
$k = 6: \quad 720V^{(1),(1)} \oplus 720V^{(1),(2)} \oplus 720V^{(1),(1,1)} \oplus 468V^{(1),(3)} \oplus 468V^{(1),(2,1)} \oplus 468V^{(1),(1,1,1)} \oplus 260V^{(1),(4)} \oplus 260V^{(1),(3,1)} \oplus 260V^{(1),(2,2)} \oplus 260V^{(1),(2,1,1)} \oplus 150V^{(1),(4,1)} \oplus 150V^{(1),(3,2)} \oplus 150V^{(1),(3,1,1)} \oplus 150V^{(1),(2,2,1)} \oplus 76V^{(1),(4,2)} \oplus 76V^{(1),(4,1,1)} \oplus 76V^{(1),(3,2,1)} \oplus$

Table 217: Table for $\lambda = (1,1,1,1,1,1,1)$, $\mu = (4,1,1,1)$:

$k = 14: \quad 4V^{\varnothing,\varnothing}$
$k = 13: \quad 6588V^{\varnothing,\varnothing} \oplus 16V^{\varnothing,(1)} \oplus 297V^{(1),\varnothing}$
$k = 12:$ $12700V^{\varnothing,\varnothing} \oplus 4996V^{\varnothing,(1)} \oplus 12V^{\varnothing,(2)} \oplus 12V^{\varnothing,(1,1)} \oplus 4552V^{(1),\varnothing} \oplus 1065V^{(1),(1)} \oplus 97V^{(1,1),\varnothing}$
$k = 11: \quad 12958V^{\varnothing,\varnothing} \oplus 9159V^{\varnothing,(1)} \oplus 1926V^{\varnothing,(2)} \oplus 1926V^{\varnothing,(1,1)} \oplus 8V^{\varnothing,(3)} \oplus$ $9V^{\varnothing,(2,1)} \oplus 8V^{\varnothing,(1,1,1)} \oplus 8094V^{(1),\varnothing} \oplus 8640V^{(1),(1)} \oplus 195V^{(1),(2)} \oplus 195V^{(1),(1,1)} \oplus$ $1688V^{(1,1),\varnothing} \oplus 345V^{(1,1),(1)} \oplus 29V^{(1,1,1),\varnothing}$
$k = 10: \quad 9880V^{\varnothing,\varnothing} \oplus 8248V^{\varnothing,(1)} \oplus 3229V^{\varnothing,(2)} \oplus 3229V^{\varnothing,(1,1)} \oplus 742V^{\varnothing,(3)} \oplus 794V^{\varnothing,(2,1)} \oplus$ $742V^{\varnothing,(1,1,1)} \oplus 4V^{\varnothing,(4)} \oplus 6V^{\varnothing,(3,1)} \oplus 6V^{\varnothing,(2,1,1)} \oplus 4V^{\varnothing,(1,1,1,1)} \oplus 8072V^{(1),\varnothing} \oplus 15298V^{(1),(1)} \oplus$ $2976V^{(1),(2)} \oplus 2976V^{(1),(1,1)} \oplus 43V^{(1),(3)} \oplus 45V^{(1),(2,1)} \oplus 43V^{(1),(1,1,1)} \oplus 2758V^{(1,1),\varnothing} \oplus$ $3072V^{(1,1),(1)} \oplus 195V^{(1,1),(2)} \oplus 195V^{(1,1),(1,1)} \oplus 668V^{(1,1,1),\varnothing} \oplus 105V^{(1,1,1),(1)} \oplus 9V^{(1,1,1,1),\varnothing}$
$k = 9:$ $4440V^{\varnothing,\varnothing} \oplus 5065V^{\varnothing,(1)} \oplus 2336V^{\varnothing,(2)} \oplus 2336V^{\varnothing,(1,1)} \oplus 1009V^{\varnothing,(3)} \oplus 1059V^{\varnothing,(2,1)} \oplus$ $1009V^{\varnothing,(1,1,1)} \oplus 182V^{\varnothing,(4)} \oplus 360V^{\varnothing,(3,1)} \oplus 360V^{\varnothing,(2,1,1)} \oplus 182V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(4,1)} \oplus$ $4V^{\varnothing,(3,1,1)} \oplus 3V^{\varnothing,(2,1,1,1)} \oplus 5780V^{(1),\varnothing} \oplus 14644V^{(1),(1)} \oplus 5082V^{(1),(2)} \oplus 5082V^{(1),(1,1)} \oplus$ $1096V^{(1),(3)} \oplus 1136V^{(1),(2,1)} \oplus 1096V^{(1),(1,1,1)} \oplus 10V^{(1),(4)} \oplus 13V^{(1),(3,1)} \oplus 13V^{(1),(2,1,1)} \oplus$ $10V^{(1),(1,1,1,1)} \oplus 2320V^{(1,1),\varnothing} \oplus 5118V^{(1,1),(1)} \oplus 1092V^{(1,1),(2)} \oplus 1092V^{(1,1),(1,1)} \oplus$ $43V^{(1,1),(3)} \oplus 45V^{(1,1),(2,1)} \oplus 43V^{(1,1),(1,1,1)} \oplus 910V^{(1,1,1),\varnothing} \oplus 1184V^{(1,1,1),(1)} \oplus$ $75V^{(1,1,1),(2)} \oplus 75V^{(1,1,1),(1,1)} \oplus 284V^{(1,1,1,1),\varnothing} \oplus 33V^{(1,1,1,1),(1)} \oplus 3V^{(1,1,1,1,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 1446V^{\varnothing,(1)} \oplus 941V^{\varnothing,(2)} \oplus 941V^{\varnothing,(1,1)} \oplus 524V^{\varnothing,(3)} \oplus 524V^{\varnothing,(2,1)} \oplus$ $524V^{\varnothing,(1,1,1)} \oplus 153V^{\varnothing,(4)} \oplus 303V^{\varnothing,(3,1)} \oplus 303V^{\varnothing,(2,1,1)} \oplus 153V^{\varnothing,(1,1,1,1)} \oplus 78V^{\varnothing,(4,1)} \oplus$ $154V^{\varnothing,(3,1,1)} \oplus 78V^{\varnothing,(2,1,1,1)} \oplus 2V^{\varnothing,(4,1,1)} \oplus 2V^{\varnothing,(3,1,1,1)} \oplus 2400V^{(1),\varnothing} \oplus 10580V^{(1),(1)} \oplus$ $4352V^{(1),(2)} \oplus 4352V^{(1),(1,1)} \oplus 1722V^{(1),(3)} \oplus 1758V^{(1),(2,1)} \oplus 1722V^{(1),(1,1,1)} \oplus 376V^{(1),(4)} \oplus$ $448V^{(1),(3,1)} \oplus 448V^{(1),(2,1,1)} \oplus 376V^{(1),(1,1,1,1)} \oplus 4V^{(1),(4,1)} \oplus 5V^{(1),(3,1,1)} \oplus 4V^{(1),(2,1,1,1)} \oplus$ $1268V^{(1,1),\varnothing} \oplus 4352V^{(1,1),(1)} \oplus 1718V^{(1,1),(2)} \oplus 1718V^{(1,1),(1,1)} \oplus 396V^{(1,1),(3)} \oplus$ $412V^{(1,1),(2,1)} \oplus 396V^{(1,1),(1,1,1)} \oplus 10V^{(1,1),(4)} \oplus 13V^{(1,1),(3,1)} \oplus 13V^{(1,1),(2,1,1)} \oplus$ $10V^{(1,1),(1,1,1,1)} \oplus 580V^{(1,1,1),\varnothing} \oplus 1758V^{(1,1,1),(1)} \oplus 424V^{(1,1,1),(2)} \oplus 424V^{(1,1,1),(1,1)} \oplus$ $43V^{(1,1,1),(3)} \oplus 45V^{(1,1,1),(2,1)} \oplus 43V^{(1,1,1),(1,1,1)} \oplus 270V^{(1,1,1,1),\varnothing} \oplus 468V^{(1,1,1,1),(1)} \oplus$ $27V^{(1,1,1,1),(2)} \oplus 27V^{(1,1,1,1),(1,1)} \oplus 116V^{(1,1,1,1,1),\varnothing} \oplus 9V^{(1,1,1,1,1),(1)} \oplus V^{(1,1,1,1,1,1),\varnothing}$
$k = 7: \quad V^{\varnothing,(1)} \oplus V^{\varnothing,(2)} \oplus V^{\varnothing,(1,1)} \oplus V^{\varnothing,(3)} \oplus V^{\varnothing,(2,1)} \oplus V^{\varnothing,(1,1,1)} \oplus V^{\varnothing,(4)} \oplus V^{\varnothing,(3,1)} \oplus$ $V^{\varnothing,(2,1,1)} \oplus V^{\varnothing,(1,1,1,1)} \oplus V^{\varnothing,(4,1)} \oplus V^{\varnothing,(3,1,1)} \oplus V^{\varnothing,(2,1,1,1)} \oplus V^{\varnothing,(4,1,1)} \oplus V^{\varnothing,(3,1,1,1)} \oplus$ $V^{\varnothing,(4,1,1,1)} \oplus 400V^{(1),\varnothing} \oplus 4560V^{(1),(1)} \oplus 2580V^{(1),(2)} \oplus 2580V^{(1),(1,1)} \oplus 1200V^{(1),(3)} \oplus$ $1200V^{(1),(2,1)} \oplus 1200V^{(1),(1,1,1)} \oplus 500V^{(1),(4)} \oplus 550V^{(1),(3,1)} \oplus 550V^{(1),(2,1,1)} \oplus$ $500V^{(1),(1,1,1,1)} \oplus 178V^{(1),(4,1)} \oplus 204V^{(1),(3,1,1)} \oplus 178V^{(1),(2,1,1,1)} \oplus 2V^{(1),(4,1,1)} \oplus$ $2V^{(1),(3,1,1,1)} \oplus 280V^{(1,1),\varnothing} \oplus 2580V^{(1,1),(1)} \oplus 1316V^{(1,1),(2)} \oplus 1316V^{(1,1),(1,1)} \oplus$ $582V^{(1,1),(3)} \oplus 594V^{(1,1),(2,1)} \oplus 582V^{(1,1),(1,1,1)} \oplus 132V^{(1,1),(4)} \oplus 160V^{(1,1),(3,1)} \oplus$ $160V^{(1,1),(2,1,1)} \oplus 132V^{(1,1),(1,1,1,1)} \oplus 4V^{(1,1),(4,1)} \oplus 5V^{(1,1),(3,1,1)} \oplus 4V^{(1,1),(2,1,1,1)} \oplus$ $160V^{(1,1,1),\varnothing} \oplus 1200V^{(1,1,1),(1)} \oplus 594V^{(1,1,1),(2)} \oplus 594V^{(1,1,1),(1,1)} \oplus 160V^{(1,1,1),(3)} \oplus$ $168V^{(1,1,1),(2,1)} \oplus 160V^{(1,1,1),(1,1,1)} \oplus 10V^{(1,1,1),(4)} \oplus 13V^{(1,1,1),(3,1)} \oplus 13V^{(1,1,1),(2,1,1)} \oplus$ $10V^{(1,1,1),(1,1,1,1)} \oplus 80V^{(1,1,1,1),\varnothing} \oplus 550V^{(1,1,1,1),(1)} \oplus 168V^{(1,1,1,1),(2)} \oplus 168V^{(1,1,1,1),(1,1)} \oplus$ $19V^{(1,1,1,1),(3)} \oplus 21V^{(1,1,1,1),(2,1)} \oplus 19V^{(1,1,1,1),(1,1,1)} \oplus 40V^{(1,1,1,1,1),\varnothing} \oplus$ $204V^{(1,1,1,1,1),(1)} \oplus 9V^{(1,1,1,1,1),(2)} \oplus 9V^{(1,1,1,1,1),(1,1)} \oplus 20V^{(1,1,1,1,1,1),\varnothing} \oplus 3V^{(1,1,1,1,1,1),(1)}$
$k = 6: \quad 720V^{(1),(1)} \oplus 720V^{(1),(2)} \oplus 720V^{(1),(1,1)} \oplus 468V^{(1),(3)} \oplus 468V^{(1),(2,1)} \oplus$ $468V^{(1),(1,1,1)} \oplus 260V^{(1),(4)} \oplus 260V^{(1),(3,1)} \oplus 260V^{(1),(2,1,1)} \oplus 260V^{(1),(1,1,1,1)} \oplus$ $150V^{(1),(4,1)} \oplus 150V^{(1),(3,1,1)} \oplus 150V^{(1),(2,1,1,1)} \oplus 76V^{(1),(4,1,1)} \oplus 76V^{(1),(3,1,1,1)} \oplus$ $V^{(1),(4,1,1,1)} \oplus 720V^{(1,1),(1)} \oplus 648V^{(1,1),(2)} \oplus 648V^{(1,1),(1,1)} \oplus 368V^{(1,1),(3)} \oplus 368V^{(1,1),(2,1)} \oplus$

Table 218: Table for $\lambda = (1,1,1,1,1,1,1)$, $\mu = (3,3,1)$:

$k = 14: \quad 3V^{\varnothing,\varnothing}$
$k = 13: \quad 6573V^{\varnothing,\varnothing} \oplus 15V^{\varnothing,(1)} \oplus 398V^{(1),\varnothing}$
$k = 12:$ $12683V^{\varnothing,\varnothing} \oplus 4956V^{\varnothing,(1)} \oplus 12V^{\varnothing,(2)} \oplus 12V^{\varnothing,(1,1)} \oplus 4680V^{(1),\varnothing} \oplus 1059V^{(1),(1)} \oplus 117V^{(1,1),\varnothing}$
$k = 11: \quad 12953V^{\varnothing,\varnothing} \oplus 9105V^{\varnothing,(1)} \oplus 1926V^{\varnothing,(2)} \oplus 1926V^{\varnothing,(1,1)} \oplus 7V^{\varnothing,(3)} \oplus 10V^{\varnothing,(2,1)} \oplus 6V^{\varnothing,(1,1,1)} \oplus 8256V^{(1),\varnothing} \oplus 8544V^{(1),(1)} \oplus 195V^{(1),(2)} \oplus 195V^{(1),(1,1)} \oplus 1722V^{(1,1),\varnothing} \oplus 339V^{(1,1),(1)} \oplus 31V^{(1,1,1),\varnothing}$
$k = 10:$ $9860V^{\varnothing,\varnothing} \oplus 8224V^{\varnothing,(1)} \oplus 3229V^{\varnothing,(2)} \oplus 3229V^{\varnothing,(1,1)} \oplus 438V^{\varnothing,(3)} \oplus 1098V^{\varnothing,(2,1)} \oplus 428V^{\varnothing,(1,1,1)} \oplus 6V^{\varnothing,(3,1)} \oplus 6V^{\varnothing,(2,2)} \oplus 5V^{\varnothing,(2,1,1)} \oplus 8258V^{(1),\varnothing} \oplus 15190V^{(1),(1)} \oplus 2976V^{(1),(2)} \oplus 2976V^{(1),(1,1)} \oplus 42V^{(1),(3)} \oplus 46V^{(1),(2,1)} \oplus 36V^{(1),(1,1,1)} \oplus 2808V^{(1,1),\varnothing} \oplus 3024V^{(1,1),(1)} \oplus 195V^{(1,1),(2)} \oplus 195V^{(1,1),(1,1)} \oplus 678V^{(1,1,1),\varnothing} \oplus 99V^{(1,1,1),(1)} \oplus 9V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 4440V^{\varnothing,\varnothing} \oplus 5065V^{\varnothing,(1)} \oplus 2336V^{\varnothing,(2)} \oplus 2336V^{\varnothing,(1,1)} \oplus 559V^{\varnothing,(3)} \oplus 1509V^{\varnothing,(2,1)} \oplus 559V^{\varnothing,(1,1,1)} \oplus 360V^{\varnothing,(3,1)} \oplus 360V^{\varnothing,(2,2)} \oplus 334V^{\varnothing,(2,1,1)} \oplus 4V^{\varnothing,(3,2)} \oplus 3V^{\varnothing,(3,1,1)} \oplus 3V^{\varnothing,(2,2,1)} \oplus 5814V^{(1),\varnothing} \oplus 14608V^{(1),(1)} \oplus 5082V^{(1),(2)} \oplus 5082V^{(1),(1,1)} \oplus 992V^{(1),(3)} \oplus 1240V^{(1),(2,1)} \oplus 968V^{(1),(1,1,1)} \oplus 13V^{(1),(3,1)} \oplus 13V^{(1),(2,2)} \oplus 11V^{(1),(2,1,1)} \oplus 2376V^{(1,1),\varnothing} \oplus 5082V^{(1,1),(1)} \oplus 1092V^{(1,1),(2)} \oplus 1092V^{(1,1),(1,1)} \oplus 42V^{(1,1),(3)} \oplus 46V^{(1,1),(2,1)} \oplus 36V^{(1,1),(1,1,1)} \oplus 928V^{(1,1,1),\varnothing} \oplus 1160V^{(1,1,1),(1)} \oplus 75V^{(1,1,1),(2)} \oplus 75V^{(1,1,1),(1,1)} \oplus 288V^{(1,1,1,1),\varnothing} \oplus 27V^{(1,1,1,1),(1)} \oplus 3V^{(1,1,1,1,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 1446V^{\varnothing,(1)} \oplus 941V^{\varnothing,(2)} \oplus 941V^{\varnothing,(1,1)} \oplus 264V^{\varnothing,(3)} \oplus 784V^{\varnothing,(2,1)} \oplus 264V^{\varnothing,(1,1,1)} \oplus 303V^{\varnothing,(3,1)} \oplus 303V^{\varnothing,(2,2)} \oplus 303V^{\varnothing,(2,1,1)} \oplus 154V^{\varnothing,(3,2)} \oplus 78V^{\varnothing,(3,1,1)} \oplus 78V^{\varnothing,(2,2,1)} \oplus 2V^{\varnothing,(3,3)} \oplus 2V^{\varnothing,(3,2,1)} \oplus 2736V^{(1),\varnothing} \oplus 10580V^{(1),(1)} \oplus 4352V^{(1),(2)} \oplus 4352V^{(1),(1,1)} \oplus 1572V^{(1),(3)} \oplus 1908V^{(1),(2,1)} \oplus 1572V^{(1),(1,1,1)} \oplus 448V^{(1),(3,1)} \oplus 448V^{(1),(2,2)} \oplus 428V^{(1),(2,1,1)} \oplus 5V^{(1),(3,2)} \oplus 4V^{(1),(3,1,1)} \oplus 4V^{(1),(2,2,1)} \oplus 1308V^{(1,1),\varnothing} \oplus 4352V^{(1,1),(1)} \oplus 1718V^{(1,1),(2)} \oplus 1718V^{(1,1),(1,1)} \oplus 356V^{(1,1),(3)} \oplus 452V^{(1,1),(2,1)} \oplus 344V^{(1,1),(1,1,1)} \oplus 13V^{(1,1),(3,1)} \oplus 13V^{(1,1),(2,2)} \oplus 11V^{(1,1),(2,1,1)} \oplus 596V^{(1,1,1),\varnothing} \oplus 1758V^{(1,1,1),(1)} \oplus 424V^{(1,1,1),(2)} \oplus 424V^{(1,1,1),(1,1)} \oplus 42V^{(1,1,1),(3)} \oplus 46V^{(1,1,1),(2,1)} \oplus 36V^{(1,1,1),(1,1,1)} \oplus 276V^{(1,1,1,1),\varnothing} \oplus 468V^{(1,1,1,1),(1)} \oplus 27V^{(1,1,1,1),(2)} \oplus 27V^{(1,1,1,1),(1,1)} \oplus 118V^{(1,1,1,1,1),\varnothing} \oplus 9V^{(1,1,1,1,1),(1)} \oplus V^{(1,1,1,1,1,1),\varnothing}$
$k = 7: \quad V^{\varnothing,(1)} \oplus V^{\varnothing,(2)} \oplus V^{\varnothing,(1,1)} \oplus V^{\varnothing,(3)} \oplus V^{\varnothing,(2,1)} \oplus V^{\varnothing,(1,1,1)} \oplus V^{\varnothing,(3,1)} \oplus V^{\varnothing,(2,2)} \oplus V^{\varnothing,(2,1,1)} \oplus V^{\varnothing,(3,2)} \oplus V^{\varnothing,(3,1,1)} \oplus V^{\varnothing,(2,2,1)} \oplus V^{\varnothing,(3,3)} \oplus V^{\varnothing,(3,2,1)} \oplus V^{\varnothing,(3,3,1)} \oplus 441V^{(1),\varnothing} \oplus 4560V^{(1),(1)} \oplus 2580V^{(1),(2)} \oplus 2580V^{(1),(1,1)} \oplus 1120V^{(1),(3)} \oplus 1280V^{(1),(2,1)} \oplus 1120V^{(1),(1,1,1)} \oplus 550V^{(1),(3,1)} \oplus 550V^{(1),(2,2)} \oplus 550V^{(1),(2,1,1)} \oplus 204V^{(1),(3,2)} \oplus 178V^{(1),(3,1,1)} \oplus 178V^{(1),(2,2,1)} \oplus 2V^{(1),(3,3)} \oplus 2V^{(1),(3,2,1)} \oplus 336V^{(1,1),\varnothing} \oplus 2580V^{(1,1),(1)} \oplus 1316V^{(1,1),(2)} \oplus 1316V^{(1,1),(1,1)} \oplus 528V^{(1,1),(3)} \oplus 648V^{(1,1),(2,1)} \oplus 528V^{(1,1),(1,1,1)} \oplus 160V^{(1,1),(3,1)} \oplus 160V^{(1,1),(2,2)} \oplus 152V^{(1,1),(2,1,1)} \oplus 5V^{(1,1),(3,2)} \oplus 4V^{(1,1),(3,1,1)} \oplus 4V^{(1,1),(2,2,1)} \oplus 168V^{(1,1,1),\varnothing} \oplus 1200V^{(1,1,1),(1)} \oplus 594V^{(1,1,1),(2)} \oplus 594V^{(1,1,1),(1,1)} \oplus 144V^{(1,1,1),(3)} \oplus 184V^{(1,1,1),(2,1)} \oplus 138V^{(1,1,1),(1,1,1)} \oplus 13V^{(1,1,1),(3,1)} \oplus 13V^{(1,1,1),(2,2)} \oplus 11V^{(1,1,1),(2,1,1)} \oplus 84V^{(1,1,1,1),\varnothing} \oplus 550V^{(1,1,1,1),(1)} \oplus 168V^{(1,1,1,1),(2)} \oplus 168V^{(1,1,1,1),(1,1)} \oplus 18V^{(1,1,1,1),(3)} \oplus 22V^{(1,1,1,1),(2,1)} \oplus 12V^{(1,1,1,1),(1,1,1)} \oplus 42V^{(1,1,1,1,1),\varnothing} \oplus 204V^{(1,1,1,1,1),(1)} \oplus 9V^{(1,1,1,1,1),(2)} \oplus 9V^{(1,1,1,1,1),(1,1)} \oplus 21V^{(1,1,1,1,1,1),\varnothing} \oplus 3V^{(1,1,1,1,1,1),(1)}$
$k = 6: \quad 720V^{(1),(1)} \oplus 720V^{(1),(2)} \oplus 720V^{(1),(1,1)} \oplus 468V^{(1),(3)} \oplus 468V^{(1),(2,1)} \oplus 468V^{(1),(1,1,1)} \oplus 260V^{(1),(3,1)} \oplus 260V^{(1),(2,2)} \oplus 260V^{(1),(2,1,1)} \oplus 150V^{(1),(3,2)} \oplus 150V^{(1),(3,1,1)} \oplus 150V^{(1),(2,2,1)} \oplus 76V^{(1),(3,3)} \oplus 76V^{(1),(3,2,1)} \oplus V^{(1),(3,3,1)} \oplus 720V^{(1,1),(1)} \oplus 648V^{(1,1),(2)} \oplus 648V^{(1,1),(1,1)} \oplus 344V^{(1,1),(3)} \oplus 392V^{(1,1),(2,1)} \oplus 344V^{(1,1),(1,1,1)} \oplus 186V^{(1,1),(3,1)} \oplus 186V^{(1,1),(2,2)} \oplus 186V^{(1,1),(2,1,1)} \oplus 72V^{(1,1),(3,2)} \oplus 62V^{(1,1),(3,1,1)} \oplus$

Table 219: Table for $\lambda = (1,1,1,1,1,1,1)$, $\mu = (3,2,2)$:

$k = 14: \quad 3V^{\varnothing,\varnothing}$
$k = 13: \quad 6573V^{\varnothing,\varnothing} \oplus 15V^{\varnothing,(1)} \oplus 398V^{(1),\varnothing}$
$k = 12:$ $12683V^{\varnothing,\varnothing} \oplus 4956V^{\varnothing,(1)} \oplus 12V^{\varnothing,(2)} \oplus 12V^{\varnothing,(1,1)} \oplus 4680V^{(1),\varnothing} \oplus 1059V^{(1),(1)} \oplus 117V^{(1,1),\varnothing}$
$k = 11: \quad 12953V^{\varnothing,\varnothing} \oplus 9105V^{\varnothing,(1)} \oplus 1926V^{\varnothing,(2)} \oplus 1926V^{\varnothing,(1,1)} \oplus 6V^{\varnothing,(3)} \oplus 10V^{\varnothing,(2,1)} \oplus 7V^{\varnothing,(1,1,1)} \oplus 8256V^{(1),\varnothing} \oplus 8544V^{(1),(1)} \oplus 195V^{(1),(2)} \oplus 195V^{(1),(1,1)} \oplus 1722V^{(1,1),\varnothing} \oplus 339V^{(1,1),(1)} \oplus 31V^{(1,1,1),\varnothing}$
$k = 10:$ $9860V^{\varnothing,\varnothing} \oplus 8224V^{\varnothing,(1)} \oplus 3229V^{\varnothing,(2)} \oplus 3229V^{\varnothing,(1,1)} \oplus 428V^{\varnothing,(3)} \oplus 1098V^{\varnothing,(2,1)} \oplus 438V^{\varnothing,(1,1,1)} \oplus 5V^{\varnothing,(3,1)} \oplus 6V^{\varnothing,(2,2)} \oplus 6V^{\varnothing,(2,1,1)} \oplus 8258V^{(1),\varnothing} \oplus 15190V^{(1),(1)} \oplus 2976V^{(1),(2)} \oplus 2976V^{(1),(1,1)} \oplus 36V^{(1),(3)} \oplus 46V^{(1),(2,1)} \oplus 42V^{(1),(1,1,1)} \oplus 2808V^{(1,1),\varnothing} \oplus 3024V^{(1,1),(1)} \oplus 195V^{(1,1),(2)} \oplus 195V^{(1,1),(1,1)} \oplus 678V^{(1,1,1),\varnothing} \oplus 99V^{(1,1,1),(1)} \oplus 9V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 4440V^{\varnothing,\varnothing} \oplus 5065V^{\varnothing,(1)} \oplus 2336V^{\varnothing,(2)} \oplus 2336V^{\varnothing,(1,1)} \oplus 559V^{\varnothing,(3)} \oplus 1509V^{\varnothing,(2,1)} \oplus 559V^{\varnothing,(1,1,1)} \oplus 334V^{\varnothing,(3,1)} \oplus 360V^{\varnothing,(2,2)} \oplus 360V^{\varnothing,(2,1,1)} \oplus 3V^{\varnothing,(3,2)} \oplus 3V^{\varnothing,(3,1,1)} \oplus 4V^{\varnothing,(2,2,1)} \oplus 5814V^{(1),\varnothing} \oplus 14608V^{(1),(1)} \oplus 5082V^{(1),(2)} \oplus 5082V^{(1),(1,1)} \oplus 968V^{(1),(3)} \oplus 1240V^{(1),(2,1)} \oplus 992V^{(1),(1,1,1)} \oplus 11V^{(1),(3,1)} \oplus 13V^{(1),(2,2)} \oplus 13V^{(1),(2,1,1)} \oplus 2376V^{(1,1),\varnothing} \oplus 5082V^{(1,1),(1)} \oplus 1092V^{(1,1),(2)} \oplus 1092V^{(1,1),(1,1)} \oplus 36V^{(1,1),(3)} \oplus 46V^{(1,1),(2,1)} \oplus 42V^{(1,1),(1,1,1)} \oplus 928V^{(1,1,1),\varnothing} \oplus 1160V^{(1,1,1),(1)} \oplus 75V^{(1,1,1),(2)} \oplus 75V^{(1,1,1),(1,1)} \oplus 288V^{(1,1,1,1),\varnothing} \oplus 27V^{(1,1,1,1),(1)} \oplus 3V^{(1,1,1,1,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 1446V^{\varnothing,(1)} \oplus 941V^{\varnothing,(2)} \oplus 941V^{\varnothing,(1,1)} \oplus 264V^{\varnothing,(3)} \oplus 784V^{\varnothing,(2,1)} \oplus 264V^{\varnothing,(1,1,1)} \oplus 303V^{\varnothing,(3,1)} \oplus 303V^{\varnothing,(2,2)} \oplus 303V^{\varnothing,(2,1,1)} \oplus 78V^{\varnothing,(3,2)} \oplus 78V^{\varnothing,(3,1,1)} \oplus 154V^{\varnothing,(2,2,1)} \oplus 2V^{\varnothing,(3,2,1)} \oplus 2V^{\varnothing,(2,2,2)} \oplus 2736V^{(1),\varnothing} \oplus 10580V^{(1),(1)} \oplus 4352V^{(1),(2)} \oplus 4352V^{(1),(1,1)} \oplus 1572V^{(1),(3)} \oplus 1908V^{(1),(2,1)} \oplus 1572V^{(1),(1,1,1)} \oplus 428V^{(1),(3,1)} \oplus 448V^{(1),(2,2)} \oplus 448V^{(1),(2,1,1)} \oplus 4V^{(1),(3,2)} \oplus 4V^{(1),(3,1,1)} \oplus 5V^{(1),(2,2,1)} \oplus 1308V^{(1,1),\varnothing} \oplus 4352V^{(1,1),(1)} \oplus 1718V^{(1,1),(2)} \oplus 1718V^{(1,1),(1,1)} \oplus 344V^{(1,1),(3)} \oplus 452V^{(1,1),(2,1)} \oplus 356V^{(1,1),(1,1,1)} \oplus 11V^{(1,1),(3,1)} \oplus 13V^{(1,1),(2,2)} \oplus 13V^{(1,1),(2,1,1)} \oplus 596V^{(1,1,1),\varnothing} \oplus 1758V^{(1,1,1),(1)} \oplus 424V^{(1,1,1),(2)} \oplus 424V^{(1,1,1),(1,1)} \oplus 36V^{(1,1,1),(3)} \oplus 46V^{(1,1,1),(2,1)} \oplus 42V^{(1,1,1),(1,1,1)} \oplus 276V^{(1,1,1,1),\varnothing} \oplus 468V^{(1,1,1,1),(1)} \oplus 27V^{(1,1,1,1),(2)} \oplus 27V^{(1,1,1,1),(1,1)} \oplus 118V^{(1,1,1,1,1),\varnothing} \oplus 9V^{(1,1,1,1,1),(1)} \oplus V^{(1,1,1,1,1,1),\varnothing}$
$k = 7: \quad V^{\varnothing,(1)} \oplus V^{\varnothing,(2)} \oplus V^{\varnothing,(1,1)} \oplus V^{\varnothing,(3)} \oplus V^{\varnothing,(2,1)} \oplus V^{\varnothing,(1,1,1)} \oplus V^{\varnothing,(3,1)} \oplus V^{\varnothing,(2,2)} \oplus V^{\varnothing,(2,1,1)} \oplus V^{\varnothing,(3,2)} \oplus V^{\varnothing,(3,1,1)} \oplus V^{\varnothing,(2,2,1)} \oplus V^{\varnothing,(3,2,1)} \oplus V^{\varnothing,(2,2,2)} \oplus V^{\varnothing,(3,2,2)} \oplus 441V^{(1),\varnothing} \oplus 4560V^{(1),(1)} \oplus 2580V^{(1),(2)} \oplus 2580V^{(1),(1,1)} \oplus 1120V^{(1),(3)} \oplus 1280V^{(1),(2,1)} \oplus 1120V^{(1),(1,1,1)} \oplus 550V^{(1),(3,1)} \oplus 550V^{(1),(2,2)} \oplus 550V^{(1),(2,1,1)} \oplus 178V^{(1),(3,2)} \oplus 178V^{(1),(3,1,1)} \oplus 204V^{(1),(2,2,1)} \oplus 2V^{(1),(3,2,1)} \oplus 2V^{(1),(2,2,2)} \oplus 336V^{(1,1),\varnothing} \oplus 2580V^{(1,1),(1)} \oplus 1316V^{(1,1),(2)} \oplus 1316V^{(1,1),(1,1)} \oplus 528V^{(1,1),(3)} \oplus 648V^{(1,1),(2,1)} \oplus 528V^{(1,1),(1,1,1)} \oplus 152V^{(1,1),(3,1)} \oplus 160V^{(1,1),(2,2)} \oplus 160V^{(1,1),(2,1,1)} \oplus 4V^{(1,1),(3,2)} \oplus 4V^{(1,1),(3,1,1)} \oplus 5V^{(1,1),(2,2,1)} \oplus 168V^{(1,1,1),\varnothing} \oplus 1200V^{(1,1,1),(1)} \oplus 594V^{(1,1,1),(2)} \oplus 594V^{(1,1,1),(1,1)} \oplus 138V^{(1,1,1),(3)} \oplus 184V^{(1,1,1),(2,1)} \oplus 144V^{(1,1,1),(1,1,1)} \oplus 11V^{(1,1,1),(3,1)} \oplus 13V^{(1,1,1),(2,2)} \oplus 13V^{(1,1,1),(2,1,1)} \oplus 84V^{(1,1,1,1),\varnothing} \oplus 550V^{(1,1,1,1),(1)} \oplus 168V^{(1,1,1,1),(2)} \oplus 168V^{(1,1,1,1),(1,1)} \oplus 12V^{(1,1,1,1),(3)} \oplus 22V^{(1,1,1,1),(2,1)} \oplus 18V^{(1,1,1,1),(1,1,1)} \oplus 42V^{(1,1,1,1,1),\varnothing} \oplus 204V^{(1,1,1,1,1),(1)} \oplus 9V^{(1,1,1,1,1),(2)} \oplus 9V^{(1,1,1,1,1),(1,1)} \oplus 21V^{(1,1,1,1,1,1),\varnothing} \oplus 3V^{(1,1,1,1,1,1),(1)}$
$k = 6: \quad 720V^{(1),(1)} \oplus 720V^{(1),(2)} \oplus 720V^{(1),(1,1)} \oplus 468V^{(1),(3)} \oplus 468V^{(1),(2,1)} \oplus 468V^{(1),(1,1,1)} \oplus 260V^{(1),(3,1)} \oplus 260V^{(1),(2,2)} \oplus 260V^{(1),(2,1,1)} \oplus 150V^{(1),(3,2)} \oplus 150V^{(1),(3,1,1)} \oplus 150V^{(1),(2,2,1)} \oplus 76V^{(1),(3,2,1)} \oplus 76V^{(1),(2,2,2)} \oplus V^{(1),(3,2,2)} \oplus 720V^{(1,1),(1)} \oplus 648V^{(1,1),(2)} \oplus 648V^{(1,1),(1,1)} \oplus 344V^{(1,1),(3)} \oplus 392V^{(1,1),(2,1)} \oplus 344V^{(1,1),(1,1,1)} \oplus 186V^{(1,1),(3,1)} \oplus 186V^{(1,1),(2,2)} \oplus 186V^{(1,1),(2,1,1)} \oplus 62V^{(1,1),(3,2)} \oplus 62V^{(1,1),(3,1,1)} \oplus$

Table 220: Table for $\lambda = (1,1,1,1,1,1,1)$, $\mu = (3,2,1,1)$:

$k = 14: \quad 4V^{\varnothing,\varnothing}$
$k = 13: \quad 6603V^{\varnothing,\varnothing} \oplus 18V^{\varnothing,(1)} \oplus 571V^{(1),\varnothing}$
$k = 12:$ $12715V^{\varnothing,\varnothing} \oplus 5006V^{\varnothing,(1)} \oplus 14V^{\varnothing,(2)} \oplus 15V^{\varnothing,(1,1)} \oplus 5784V^{(1),\varnothing} \oplus 1209V^{(1),(1)} \oplus 134V^{(1,1),\varnothing}$
$k = 11: \quad 12973V^{\varnothing,\varnothing} \oplus 9165V^{\varnothing,(1)} \oplus 1950V^{\varnothing,(2)} \oplus 2054V^{\varnothing,(1,1)} \oplus 7V^{\varnothing,(3)} \oplus 12V^{\varnothing,(2,1)} \oplus 10V^{\varnothing,(1,1,1)} \oplus 10362V^{(1),\varnothing} \oplus 8856V^{(1),(1)} \oplus 225V^{(1),(2)} \oplus 227V^{(1),(1,1)} \oplus 2090V^{(1,1),\varnothing} \oplus 489V^{(1,1),(1)} \oplus 32V^{(1,1,1),\varnothing}$
$k = 10: \quad 9895V^{\varnothing,\varnothing} \oplus 8248V^{\varnothing,(1)} \oplus 3247V^{\varnothing,(2)} \oplus 3397V^{\varnothing,(1,1)} \oplus 438V^{\varnothing,(3)} \oplus 1160V^{\varnothing,(2,1)} \oplus 804V^{\varnothing,(1,1,1)} \oplus 6V^{\varnothing,(3,1)} \oplus 6V^{\varnothing,(2,2)} \oplus 8V^{\varnothing,(2,1,1)} \oplus 5V^{\varnothing,(1,1,1,1)} \oplus 10862V^{(1),\varnothing} \oplus 15346V^{(1),(1)} \oplus 3072V^{(1),(2)} \oplus 3152V^{(1),(1,1)} \oplus 42V^{(1),(3)} \oplus 54V^{(1),(2,1)} \oplus 51V^{(1),(1,1,1)} \oplus 3508V^{(1,1),\varnothing} \oplus 3120V^{(1,1),(1)} \oplus 225V^{(1,1),(2)} \oplus 227V^{(1,1),(1,1)} \oplus 818V^{(1,1,1),\varnothing} \oplus 129V^{(1,1,1),(1)} \oplus 9V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 4440V^{\varnothing,\varnothing} \oplus 5065V^{\varnothing,(1)} \oplus 2336V^{\varnothing,(2)} \oplus 2416V^{\varnothing,(1,1)} \oplus 559V^{\varnothing,(3)} \oplus 1559V^{\varnothing,(2,1)} \oplus 1059V^{\varnothing,(1,1,1)} \oplus 360V^{\varnothing,(3,1)} \oplus 360V^{\varnothing,(2,2)} \oplus 538V^{\varnothing,(2,1,1)} \oplus 208V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(3,2)} \oplus 4V^{\varnothing,(3,1,1)} \oplus 4V^{\varnothing,(2,2,1)} \oplus 4V^{\varnothing,(2,1,1,1)} \oplus 8845V^{(1),\varnothing} \oplus 14644V^{(1),(1)} \oplus 5118V^{(1),(2)} \oplus 5226V^{(1),(1,1)} \oplus 992V^{(1),(3)} \oplus 1304V^{(1),(2,1)} \oplus 1160V^{(1),(1,1,1)} \oplus 13V^{(1),(3,1)} \oplus 13V^{(1),(2,2)} \oplus 16V^{(1),(2,1,1)} \oplus 12V^{(1),(1,1,1,1)} \oplus 3160V^{(1,1),\varnothing} \oplus 5118V^{(1,1),(1)} \oplus 1140V^{(1,1),(2)} \oplus 1172V^{(1,1),(1,1)} \oplus 42V^{(1,1),(3)} \oplus 54V^{(1,1),(2,1)} \oplus 51V^{(1,1),(1,1,1)} \oplus 1180V^{(1,1,1),\varnothing} \oplus 1184V^{(1,1,1),(1)} \oplus 105V^{(1,1,1),(2)} \oplus 107V^{(1,1,1),(1,1)} \oplus 344V^{(1,1,1,1),\varnothing} \oplus 33V^{(1,1,1,1),(1)} \oplus 3V^{(1,1,1,1,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 1446V^{\varnothing,(1)} \oplus 941V^{\varnothing,(2)} \oplus 941V^{\varnothing,(1,1)} \oplus 264V^{\varnothing,(3)} \oplus 784V^{\varnothing,(2,1)} \oplus 524V^{\varnothing,(1,1,1)} \oplus 303V^{\varnothing,(3,1)} \oplus 303V^{\varnothing,(2,2)} \oplus 453V^{\varnothing,(2,1,1)} \oplus 153V^{\varnothing,(1,1,1,1)} \oplus 78V^{\varnothing,(3,2)} \oplus 154V^{\varnothing,(3,1,1)} \oplus 154V^{\varnothing,(2,2,1)} \oplus 154V^{\varnothing,(2,1,1,1)} \oplus 2V^{\varnothing,(3,2,1)} \oplus 2V^{\varnothing,(3,1,1,1)} \oplus 2V^{\varnothing,(2,2,1,1)} \oplus 4920V^{(1),\varnothing} \oplus 10580V^{(1),(1)} \oplus 4352V^{(1),(2)} \oplus 4400V^{(1),(1,1)} \oplus 1572V^{(1),(3)} \oplus 1944V^{(1),(2,1)} \oplus 1758V^{(1),(1,1,1)} \oplus 448V^{(1),(3,1)} \oplus 448V^{(1),(2,2)} \oplus 520V^{(1),(2,1,1)} \oplus 396V^{(1),(1,1,1,1)} \oplus 4V^{(1),(3,2)} \oplus 5V^{(1),(3,1,1)} \oplus 5V^{(1),(2,2,1)} \oplus 5V^{(1),(2,1,1,1)} \oplus 2043V^{(1,1),\varnothing} \oplus 4352V^{(1,1),(1)} \oplus 1730V^{(1,1),(2)} \oplus 1766V^{(1,1),(1,1)} \oplus 356V^{(1,1),(3)} \oplus 480V^{(1,1),(2,1)} \oplus 424V^{(1,1),(1,1,1)} \oplus 13V^{(1,1),(3,1)} \oplus 13V^{(1,1),(2,2)} \oplus 16V^{(1,1),(2,1,1)} \oplus 12V^{(1,1),(1,1,1,1)} \oplus 820V^{(1,1,1),\varnothing} \oplus 1758V^{(1,1,1),(1)} \oplus 436V^{(1,1,1),(2)} \oplus 452V^{(1,1,1),(1,1)} \oplus 42V^{(1,1,1),(3)} \oplus 54V^{(1,1,1),(2,1)} \oplus 51V^{(1,1,1),(1,1,1)} \oplus 360V^{(1,1,1,1),\varnothing} \oplus 468V^{(1,1,1,1),(1)} \oplus 33V^{(1,1,1,1),(2)} \oplus 35V^{(1,1,1,1),(1,1)} \oplus 146V^{(1,1,1,1,1),\varnothing} \oplus 9V^{(1,1,1,1,1),(1)} \oplus V^{(1,1,1,1,1,1),\varnothing}$
$k = 7: \quad V^{\varnothing,(1)} \oplus V^{\varnothing,(2)} \oplus V^{\varnothing,(1,1)} \oplus V^{\varnothing,(3)} \oplus V^{\varnothing,(2,1)} \oplus V^{\varnothing,(1,1,1)} \oplus V^{\varnothing,(3,1)} \oplus V^{\varnothing,(2,2)} \oplus V^{\varnothing,(2,1,1)} \oplus V^{\varnothing,(1,1,1,1)} \oplus V^{\varnothing,(3,2)} \oplus V^{\varnothing,(3,1,1)} \oplus V^{\varnothing,(2,2,1)} \oplus V^{\varnothing,(2,1,1,1)} \oplus V^{\varnothing,(3,2,1)} \oplus V^{\varnothing,(3,1,1,1)} \oplus V^{\varnothing,(2,2,1,1)} \oplus V^{\varnothing,(3,2,1,1)} \oplus 1225V^{(1),\varnothing} \oplus 4560V^{(1),(1)} \oplus 2580V^{(1),(2)} \oplus 2580V^{(1),(1,1)} \oplus 1120V^{(1),(3)} \oplus 1280V^{(1),(2,1)} \oplus 1200V^{(1),(1,1,1)} \oplus 550V^{(1),(3,1)} \oplus 550V^{(1),(2,2)} \oplus 600V^{(1),(2,1,1)} \oplus 500V^{(1),(1,1,1,1)} \oplus 178V^{(1),(3,2)} \oplus 204V^{(1),(3,1,1)} \oplus 204V^{(1),(2,2,1)} \oplus 204V^{(1),(2,1,1,1)} \oplus 2V^{(1),(3,2,1)} \oplus 2V^{(1),(3,1,1,1)} \oplus 2V^{(1),(2,2,1,1)} \oplus 700V^{(1,1),\varnothing} \oplus 2580V^{(1,1),(1)} \oplus 1316V^{(1,1),(2)} \oplus 1328V^{(1,1),(1,1)} \oplus 528V^{(1,1),(3)} \oplus 660V^{(1,1),(2,1)} \oplus 594V^{(1,1),(1,1,1)} \oplus 160V^{(1,1),(3,1)} \oplus 160V^{(1,1),(2,2)} \oplus 188V^{(1,1),(2,1,1)} \oplus 140V^{(1,1),(1,1,1,1)} \oplus 4V^{(1,1),(3,2)} \oplus 5V^{(1,1),(3,1,1)} \oplus 5V^{(1,1),(2,2,1)} \oplus 5V^{(1,1),(2,1,1,1)} \oplus 315V^{(1,1,1),\varnothing} \oplus 1200V^{(1,1,1),(1)} \oplus 594V^{(1,1,1),(2)} \oplus 606V^{(1,1,1),(1,1)} \oplus 144V^{(1,1,1),(3)} \oplus 198V^{(1,1,1),(2,1)} \oplus 174V^{(1,1,1),(1,1,1)} \oplus 13V^{(1,1,1),(3,1)} \oplus 13V^{(1,1,1),(2,2)} \oplus 16V^{(1,1,1),(2,1,1)} \oplus 12V^{(1,1,1),(1,1,1,1)} \oplus 140V^{(1,1,1,1),\varnothing} \oplus 550V^{(1,1,1,1),(1)} \oplus 168V^{(1,1,1,1),(2)} \oplus 176V^{(1,1,1,1),(1,1)} \oplus 18V^{(1,1,1,1),(3)} \oplus 30V^{(1,1,1,1),(2,1)} \oplus 27V^{(1,1,1,1),(1,1,1)} \oplus 70V^{(1,1,1,1,1),\varnothing} \oplus 204V^{(1,1,1,1,1),(1)} \oplus 9V^{(1,1,1,1,1),(2)} \oplus 11V^{(1,1,1,1,1),(1,1)} \oplus 35V^{(1,1,1,1,1,1),\varnothing} \oplus 3V^{(1,1,1,1,1,1),(1)}$
$k = 6: \quad 720V^{(1),(1)} \oplus 720V^{(1),(2)} \oplus 720V^{(1),(1,1)} \oplus 468V^{(1),(3)} \oplus 468V^{(1),(2,1)} \oplus$

Table 221: Table for $\lambda = (1,1,1,1,1,1,1)$, $\mu = (3,1,1,1,1)$:

$k = 14: \quad 5V^{\varnothing,\varnothing}$
$k = 13: \quad 6587V^{\varnothing,\varnothing} \oplus 15V^{\varnothing,(1)} \oplus 206V^{(1),\varnothing}$
$k = 12:$ $12697V^{\varnothing,\varnothing} \oplus 4956V^{\varnothing,(1)} \oplus 10V^{\varnothing,(2)} \oplus 12V^{\varnothing,(1,1)} \oplus 4134V^{(1),\varnothing} \oplus 1059V^{(1),(1)} \oplus 81V^{(1,1),\varnothing}$
$k = 11: \quad 12953V^{\varnothing,\varnothing} \oplus 9105V^{\varnothing,(1)} \oplus 1802V^{\varnothing,(2)} \oplus 1926V^{\varnothing,(1,1)} \oplus 5V^{\varnothing,(3)} \oplus 8V^{\varnothing,(2,1)} \oplus 9V^{\varnothing,(1,1,1)} \oplus 7338V^{(1),\varnothing} \oplus 8544V^{(1),(1)} \oplus 187V^{(1),(2)} \oplus 195V^{(1),(1,1)} \oplus 1554V^{(1,1),\varnothing} \oplus 339V^{(1,1),(1)} \oplus 28V^{(1,1,1),\varnothing}$
$k = 10: \quad 9875V^{\varnothing,\varnothing} \oplus 8224V^{\varnothing,(1)} \oplus 3061V^{\varnothing,(2)} \oplus 3229V^{\varnothing,(1,1)} \oplus 376V^{\varnothing,(3)} \oplus 742V^{\varnothing,(2,1)} \oplus 794V^{\varnothing,(1,1,1)} \oplus 4V^{\varnothing,(3,1)} \oplus 6V^{\varnothing,(2,1,1)} \oplus 6V^{\varnothing,(1,1,1,1)} \oplus 7142V^{(1),\varnothing} \oplus 15190V^{(1),(1)} \oplus 2848V^{(1),(2)} \oplus 2976V^{(1),(1,1)} \oplus 34V^{(1),(3)} \oplus 43V^{(1),(2,1)} \oplus 45V^{(1),(1,1,1)} \oplus 2508V^{(1,1),\varnothing} \oplus 3024V^{(1,1),(1)} \oplus 187V^{(1,1),(2)} \oplus 195V^{(1,1),(1,1)} \oplus 618V^{(1,1,1),\varnothing} \oplus 99V^{(1,1,1),(1)} \oplus 9V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 4455V^{\varnothing,\varnothing} \oplus 5065V^{\varnothing,(1)} \oplus 2256V^{\varnothing,(2)} \oplus 2336V^{\varnothing,(1,1)} \oplus 509V^{\varnothing,(3)} \oplus 1009V^{\varnothing,(2,1)} \oplus 1059V^{\varnothing,(1,1,1)} \oplus 182V^{\varnothing,(3,1)} \oplus 360V^{\varnothing,(2,1,1)} \oplus 360V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(3,1,1)} \oplus 4V^{\varnothing,(2,1,1,1)} \oplus 3V^{\varnothing,(1,1,1,1,1)} \oplus 4605V^{(1),\varnothing} \oplus 14608V^{(1),(1)} \oplus 4938V^{(1),(2)} \oplus 5082V^{(1),(1,1)} \oplus 928V^{(1),(3)} \oplus 1096V^{(1),(2,1)} \oplus 1136V^{(1),(1,1,1)} \oplus 10V^{(1),(3,1)} \oplus 13V^{(1),(2,1,1)} \oplus 13V^{(1),(1,1,1,1)} \oplus 2040V^{(1,1),\varnothing} \oplus 5082V^{(1,1),(1)} \oplus 1036V^{(1,1),(2)} \oplus 1092V^{(1,1),(1,1)} \oplus 34V^{(1,1),(3)} \oplus 43V^{(1,1),(2,1)} \oplus 45V^{(1,1),(1,1,1)} \oplus 820V^{(1,1,1),\varnothing} \oplus 1160V^{(1,1,1),(1)} \oplus 67V^{(1,1,1),(2)} \oplus 75V^{(1,1,1),(1,1)} \oplus 264V^{(1,1,1,1),\varnothing} \oplus 27V^{(1,1,1,1),(1)} \oplus 3V^{(1,1,1,1,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 1446V^{\varnothing,(1)} \oplus 941V^{\varnothing,(2)} \oplus 941V^{\varnothing,(1,1)} \oplus 264V^{\varnothing,(3)} \oplus 524V^{\varnothing,(2,1)} \oplus 524V^{\varnothing,(1,1,1)} \oplus 153V^{\varnothing,(3,1)} \oplus 303V^{\varnothing,(2,1,1)} \oplus 303V^{\varnothing,(1,1,1,1)} \oplus 78V^{\varnothing,(3,1,1)} \oplus 154V^{\varnothing,(2,1,1,1)} \oplus 78V^{\varnothing,(1,1,1,1,1)} \oplus 2V^{\varnothing,(3,1,1,1)} \oplus 2V^{\varnothing,(2,1,1,1,1)} \oplus 1710V^{(1),\varnothing} \oplus 10580V^{(1),(1)} \oplus 4304V^{(1),(2)} \oplus 4352V^{(1),(1,1)} \oplus 1536V^{(1),(3)} \oplus 1722V^{(1),(2,1)} \oplus 1758V^{(1),(1,1,1)} \oplus 376V^{(1),(3,1)} \oplus 448V^{(1),(2,1,1)} \oplus 448V^{(1),(1,1,1,1)} \oplus 4V^{(1),(3,1,1)} \oplus 5V^{(1),(2,1,1,1)} \oplus 4V^{(1),(1,1,1,1,1)} \oplus 993V^{(1,1),\varnothing} \oplus 4352V^{(1,1),(1)} \oplus 1670V^{(1,1),(2)} \oplus 1718V^{(1,1),(1,1)} \oplus 328V^{(1,1),(3)} \oplus 396V^{(1,1),(2,1)} \oplus 412V^{(1,1),(1,1,1)} \oplus 10V^{(1,1),(3,1)} \oplus 13V^{(1,1),(2,1,1)} \oplus 13V^{(1,1),(1,1,1,1)} \oplus 500V^{(1,1,1),\varnothing} \oplus 1758V^{(1,1,1),(1)} \oplus 396V^{(1,1,1),(2)} \oplus 424V^{(1,1,1),(1,1)} \oplus 34V^{(1,1,1),(3)} \oplus 43V^{(1,1,1),(2,1)} \oplus 45V^{(1,1,1),(1,1,1)} \oplus 240V^{(1,1,1,1),\varnothing} \oplus 468V^{(1,1,1,1),(1)} \oplus 19V^{(1,1,1,1),(2)} \oplus 27V^{(1,1,1,1),(1,1)} \oplus 106V^{(1,1,1,1,1),\varnothing} \oplus 9V^{(1,1,1,1,1),(1)} \oplus V^{(1,1,1,1,1,1),\varnothing}$
$k = 7: \quad V^{\varnothing,(1)} \oplus V^{\varnothing,(2)} \oplus V^{\varnothing,(1,1)} \oplus V^{\varnothing,(3)} \oplus V^{\varnothing,(2,1)} \oplus V^{\varnothing,(1,1,1)} \oplus V^{\varnothing,(3,1)} \oplus V^{\varnothing,(2,1,1)} \oplus V^{\varnothing,(1,1,1,1)} \oplus V^{\varnothing,(3,1,1)} \oplus V^{\varnothing,(2,1,1,1)} \oplus V^{\varnothing,(1,1,1,1,1)} \oplus V^{\varnothing,(3,1,1,1)} \oplus V^{\varnothing,(2,1,1,1,1)} \oplus V^{\varnothing,(3,1,1,1,1)} \oplus 225V^{(1),\varnothing} \oplus 4560V^{(1),(1)} \oplus 2580V^{(1),(2)} \oplus 2580V^{(1),(1,1)} \oplus 1120V^{(1),(3)} \oplus 1200V^{(1),(2,1)} \oplus 1200V^{(1),(1,1,1)} \oplus 500V^{(1),(3,1)} \oplus 550V^{(1),(2,1,1)} \oplus 550V^{(1),(1,1,1,1)} \oplus 178V^{(1),(3,1,1)} \oplus 204V^{(1),(2,1,1,1)} \oplus 178V^{(1),(1,1,1,1,1)} \oplus 2V^{(1),(3,1,1,1)} \oplus 2V^{(1),(2,1,1,1,1)} \oplus 165V^{(1,1),\varnothing} \oplus 2580V^{(1,1),(1)} \oplus 1304V^{(1,1),(2)} \oplus 1316V^{(1,1),(1,1)} \oplus 516V^{(1,1),(3)} \oplus 582V^{(1,1),(2,1)} \oplus 594V^{(1,1),(1,1,1)} \oplus 132V^{(1,1),(3,1)} \oplus 160V^{(1,1),(2,1,1)} \oplus 160V^{(1,1),(1,1,1,1)} \oplus 4V^{(1,1),(3,1,1)} \oplus 5V^{(1,1),(2,1,1,1)} \oplus 4V^{(1,1),(1,1,1,1,1)} \oplus 105V^{(1,1,1),\varnothing} \oplus 1200V^{(1,1,1),(1)} \oplus 582V^{(1,1,1),(2)} \oplus 594V^{(1,1,1),(1,1)} \oplus 130V^{(1,1,1),(3)} \oplus 160V^{(1,1,1),(2,1)} \oplus 168V^{(1,1,1),(1,1,1)} \oplus 10V^{(1,1,1),(3,1)} \oplus 13V^{(1,1,1),(2,1,1)} \oplus 13V^{(1,1,1),(1,1,1,1)} \oplus 60V^{(1,1,1,1),\varnothing} \oplus 550V^{(1,1,1,1),(1)} \oplus 160V^{(1,1,1,1),(2)} \oplus 168V^{(1,1,1,1),(1,1)} \oplus 10V^{(1,1,1,1),(3)} \oplus 19V^{(1,1,1,1),(2,1)} \oplus 21V^{(1,1,1,1),(1,1,1)} \oplus 30V^{(1,1,1,1,1),\varnothing} \oplus 204V^{(1,1,1,1,1),(1)} \oplus 7V^{(1,1,1,1,1),(2)} \oplus 9V^{(1,1,1,1,1),(1,1)} \oplus 15V^{(1,1,1,1,1,1),\varnothing} \oplus 3V^{(1,1,1,1,1,1),(1)}$
$k = 6:$ $720V^{(1),(1)} \oplus 720V^{(1),(2)} \oplus 720V^{(1),(1,1)} \oplus 468V^{(1),(3)} \oplus 468V^{(1),(2,1)} \oplus 468V^{(1),(1,1,1)} \oplus 260V^{(1),(3,1)} \oplus 260V^{(1),(2,1,1)} \oplus 260V^{(1),(1,1,1,1)} \oplus 150V^{(1),(3,1,1)} \oplus 150V^{(1),(2,1,1,1)} \oplus 150V^{(1),(1,1,1,1,1)} \oplus 76V^{(1),(3,1,1,1)} \oplus 76V^{(1),(2,1,1,1,1)} \oplus V^{(1),(3,1,1,1,1)} \oplus 720V^{(1,1),(1)} \oplus 648V^{(1,1),(2)} \oplus 648V^{(1,1),(1,1)} \oplus 344V^{(1,1),(3)} \oplus 368V^{(1,1),(2,1)} \oplus 368V^{(1,1),(1,1,1)} \oplus 168V^{(1,1),(3,1)} \oplus 186V^{(1,1),(2,1,1)} \oplus 186V^{(1,1),(1,1,1,1)} \oplus 62V^{(1,1),(3,1,1)} \oplus 72V^{(1,1),(2,1,1,1)} \oplus$	

Table 222: Table for $\lambda = (1,1,1,1,1,1,1)$, $\mu = (2,2,2,1)$:

$k = 14: \quad 4V^{\varnothing,\varnothing}$
$k = 13: \quad 6582V^{\varnothing,\varnothing} \oplus 13V^{\varnothing,(1)} \oplus 169V^{(1),\varnothing}$
$k = 12:$ $12694V^{\varnothing,\varnothing} \oplus 4688V^{\varnothing,(1)} \oplus 9V^{\varnothing,(2)} \oplus 11V^{\varnothing,(1,1)} \oplus 3954V^{(1),\varnothing} \oplus 1033V^{(1),(1)} \oplus 63V^{(1,1),\varnothing}$
$k = 11: \quad 12952V^{\varnothing,\varnothing} \oplus 8649V^{\varnothing,(1)} \oplus 1042V^{\varnothing,(2)} \oplus 1906V^{\varnothing,(1,1)} \oplus 8V^{\varnothing,(2,1)} \oplus 8V^{\varnothing,(1,1,1)} \oplus 7104V^{(1),\varnothing} \oplus 8248V^{(1),(1)} \oplus 186V^{(1),(2)} \oplus 189V^{(1),(1,1)} \oplus 1488V^{(1,1),\varnothing} \oplus 313V^{(1,1),(1)} \oplus 22V^{(1,1,1),\varnothing}$
$k = 10: \quad 9874V^{\varnothing,\varnothing} \oplus 7904V^{\varnothing,(1)} \oplus 1711V^{\varnothing,(2)} \oplus 3211V^{\varnothing,(1,1)} \oplus 742V^{\varnothing,(2,1)} \oplus 742V^{\varnothing,(1,1,1)} \oplus 5V^{\varnothing,(2,2)} \oplus 6V^{\varnothing,(2,1,1)} \oplus 4V^{\varnothing,(1,1,1,1)} \oplus 6148V^{(1),\varnothing} \oplus 14818V^{(1),(1)} \oplus 2588V^{(1),(2)} \oplus 2928V^{(1),(1,1)} \oplus 43V^{(1),(2,1)} \oplus 43V^{(1),(1,1,1)} \oplus 2440V^{(1,1),\varnothing} \oplus 2896V^{(1,1),(1)} \oplus 186V^{(1,1),(2)} \oplus 189V^{(1,1),(1,1)} \oplus 598V^{(1,1,1),\varnothing} \oplus 73V^{(1,1,1),(1)} \oplus 8V^{(1,1,1,1),\varnothing}$
$k = 9:$ $4440V^{\varnothing,\varnothing} \oplus 4945V^{\varnothing,(1)} \oplus 1216V^{\varnothing,(2)} \oplus 2336V^{\varnothing,(1,1)} \oplus 1009V^{\varnothing,(2,1)} \oplus 1009V^{\varnothing,(1,1,1)} \oplus 208V^{\varnothing,(2,2)} \oplus 360V^{\varnothing,(2,1,1)} \oplus 182V^{\varnothing,(1,1,1,1)} \oplus 4V^{\varnothing,(2,2,1)} \oplus 3V^{\varnothing,(2,1,1,1)} \oplus 4316V^{(1),\varnothing} \oplus 14416V^{(1),(1)} \oplus 4488V^{(1),(2)} \oplus 5046V^{(1),(1,1)} \oplus 1096V^{(1),(2,1)} \oplus 1096V^{(1),(1,1,1)} \oplus 12V^{(1),(2,2)} \oplus 13V^{(1),(2,1,1)} \oplus 10V^{(1),(1,1,1,1)} \oplus 1760V^{(1,1),\varnothing} \oplus 4974V^{(1,1),(1)} \oplus 936V^{(1,1),(2)} \oplus 1068V^{(1,1),(1,1)} \oplus 43V^{(1,1),(2,1)} \oplus 43V^{(1,1),(1,1,1)} \oplus 802V^{(1,1,1),\varnothing} \oplus 1120V^{(1,1,1),(1)} \oplus 66V^{(1,1,1),(2)} \oplus 69V^{(1,1,1),(1,1)} \oplus 260V^{(1,1,1,1),\varnothing} \oplus 25V^{(1,1,1,1),(1)} \oplus 3V^{(1,1,1,1,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 1446V^{\varnothing,(1)} \oplus 473V^{\varnothing,(2)} \oplus 941V^{\varnothing,(1,1)} \oplus 524V^{\varnothing,(2,1)} \oplus 524V^{\varnothing,(1,1,1)} \oplus 153V^{\varnothing,(2,2)} \oplus 303V^{\varnothing,(2,1,1)} \oplus 153V^{\varnothing,(1,1,1,1)} \oplus 154V^{\varnothing,(2,2,1)} \oplus 78V^{\varnothing,(2,1,1,1)} \oplus 2V^{\varnothing,(2,2,2)} \oplus 2V^{\varnothing,(2,2,1,1)} \oplus 1476V^{(1),\varnothing} \oplus 10532V^{(1),(1)} \oplus 3984V^{(1),(2)} \oplus 4352V^{(1),(1,1)} \oplus 1722V^{(1),(2,1)} \oplus 1722V^{(1),(1,1,1)} \oplus 396V^{(1),(2,2)} \oplus 448V^{(1),(2,1,1)} \oplus 376V^{(1),(1,1,1,1)} \oplus 5V^{(1),(2,2,1)} \oplus 4V^{(1),(2,1,1,1)} \oplus 888V^{(1,1),\varnothing} \oplus 4304V^{(1,1),(1)} \oplus 1508V^{(1,1),(2)} \oplus 1706V^{(1,1),(1,1)} \oplus 396V^{(1,1),(2,1)} \oplus 396V^{(1,1),(1,1,1)} \oplus 12V^{(1,1),(2,2)} \oplus 13V^{(1,1),(2,1,1)} \oplus 10V^{(1,1),(1,1,1,1)} \oplus 428V^{(1,1,1),\varnothing} \oplus 1722V^{(1,1,1),(1)} \oplus 356V^{(1,1,1),(2)} \oplus 412V^{(1,1,1),(1,1)} \oplus 43V^{(1,1,1),(2,1)} \oplus 43V^{(1,1,1),(1,1,1)} \oplus 234V^{(1,1,1,1),\varnothing} \oplus 448V^{(1,1,1,1),(1)} \oplus 18V^{(1,1,1,1),(2)} \oplus 21V^{(1,1,1,1),(1,1)} \oplus 104V^{(1,1,1,1,1),\varnothing} \oplus 7V^{(1,1,1,1,1),(1)} \oplus V^{(1,1,1,1,1,1),\varnothing}$
$k = 7: \quad V^{\varnothing,(1)} \oplus V^{\varnothing,(2)} \oplus V^{\varnothing,(1,1)} \oplus V^{\varnothing,(2,1)} \oplus V^{\varnothing,(1,1,1)} \oplus V^{\varnothing,(2,2)} \oplus V^{\varnothing,(2,1,1)} \oplus V^{\varnothing,(1,1,1,1)} \oplus V^{\varnothing,(2,2,1)} \oplus V^{\varnothing,(2,1,1,1)} \oplus V^{\varnothing,(2,2,2)} \oplus V^{\varnothing,(2,2,1,1)} \oplus V^{\varnothing,(2,2,2,1)} \oplus 196V^{(1),\varnothing} \oplus 4560V^{(1),(1)} \oplus 2460V^{(1),(2)} \oplus 2580V^{(1),(1,1)} \oplus 1200V^{(1),(2,1)} \oplus 1200V^{(1),(1,1,1)} \oplus 500V^{(1),(2,2)} \oplus 550V^{(1),(2,1,1)} \oplus 500V^{(1),(1,1,1,1)} \oplus 204V^{(1),(2,2,1)} \oplus 178V^{(1),(2,1,1,1)} \oplus 2V^{(1),(2,2,2)} \oplus 2V^{(1),(2,2,1,1)} \oplus 126V^{(1,1),\varnothing} \oplus 2580V^{(1,1),(1)} \oplus 1208V^{(1,1),(2)} \oplus 1316V^{(1,1),(1,1)} \oplus 582V^{(1,1),(2,1)} \oplus 582V^{(1,1),(1,1,1)} \oplus 140V^{(1,1),(2,2)} \oplus 160V^{(1,1),(2,1,1)} \oplus 132V^{(1,1),(1,1,1,1)} \oplus 5V^{(1,1),(2,2,1)} \oplus 4V^{(1,1),(2,1,1,1)} \oplus 84V^{(1,1,1),\varnothing} \oplus 1200V^{(1,1,1),(1)} \oplus 528V^{(1,1,1),(2)} \oplus 594V^{(1,1,1),(1,1)} \oplus 160V^{(1,1,1),(2,1)} \oplus 160V^{(1,1,1),(1,1,1)} \oplus 12V^{(1,1,1),(2,2)} \oplus 13V^{(1,1,1),(2,1,1)} \oplus 10V^{(1,1,1),(1,1,1,1)} \oplus 42V^{(1,1,1,1),\varnothing} \oplus 550V^{(1,1,1,1),(1)} \oplus 140V^{(1,1,1,1),(2)} \oplus 168V^{(1,1,1,1),(1,1)} \oplus 19V^{(1,1,1,1),(2,1)} \oplus 19V^{(1,1,1,1),(1,1,1)} \oplus 28V^{(1,1,1,1,1),\varnothing} \oplus 204V^{(1,1,1,1,1),(1)} \oplus 6V^{(1,1,1,1,1),(2)} \oplus 9V^{(1,1,1,1,1),(1,1)} \oplus 14V^{(1,1,1,1,1,1),\varnothing} \oplus 3V^{(1,1,1,1,1,1),(1)}$
$k = 6: \quad 720V^{(1),(1)} \oplus 720V^{(1),(2)} \oplus 720V^{(1),(1,1)} \oplus 468V^{(1),(2,1)} \oplus 468V^{(1),(1,1,1)} \oplus 260V^{(1),(2,2)} \oplus 260V^{(1),(2,1,1)} \oplus 260V^{(1),(1,1,1,1)} \oplus 150V^{(1),(2,2,1)} \oplus 150V^{(1),(2,1,1,1)} \oplus 76V^{(1),(2,2,2)} \oplus 76V^{(1),(2,2,1,1)} \oplus V^{(1),(2,2,2,1)} \oplus 720V^{(1,1),(1)} \oplus 624V^{(1,1),(2)} \oplus 648V^{(1,1),(1,1)} \oplus 368V^{(1,1),(2,1)} \oplus 368V^{(1,1),(1,1,1)} \oplus 168V^{(1,1),(2,2)} \oplus 186V^{(1,1),(2,1,1)} \oplus 168V^{(1,1),(1,1,1,1)} \oplus 72V^{(1,1),(2,2,1)} \oplus 62V^{(1,1),(2,1,1,1)} \oplus 2V^{(1,1),(2,2,2)} \oplus 2V^{(1,1),(2,2,1,1)} \oplus 468V^{(1,1,1),(1)} \oplus 344V^{(1,1,1),(2)} \oplus 368V^{(1,1,1),(1,1)} \oplus 206V^{(1,1,1),(2,1)} \oplus 206V^{(1,1,1),(1,1,1)} \oplus 56V^{(1,1,1),(2,2)} \oplus 64V^{(1,1,1),(2,1,1)} \oplus 52V^{(1,1,1),(1,1,1,1)} \oplus 5V^{(1,1,1),(2,2,1)} \oplus 4V^{(1,1,1),(2,1,1,1)} \oplus 260V^{(1,1,1,1),(1)} \oplus 168V^{(1,1,1,1),(2)} \oplus 186V^{(1,1,1,1),(1,1)} \oplus 64V^{(1,1,1,1),(2,1)} \oplus 64V^{(1,1,1,1),(1,1,1)} \oplus$

Table 223: Table for $\lambda = (1,1,1,1,1,1,1)$, $\mu = (2,2,1,1,1)$:

$k = 14: \quad 5V^{\varnothing,\varnothing}$
$k = 13: \quad 6586V^{\varnothing,\varnothing} \oplus 14V^{\varnothing,(1)} \oplus 170V^{(1),\varnothing}$
$k = 12:$ $12696V^{\varnothing,\varnothing} \oplus 4696V^{\varnothing,(1)} \oplus 9V^{\varnothing,(2)} \oplus 12V^{\varnothing,(1,1)} \oplus 3956V^{(1),\varnothing} \oplus 1057V^{(1),(1)} \oplus 64V^{(1,1),\varnothing}$
$k = 11: \quad 12952V^{\varnothing,\varnothing} \oplus 8655V^{\varnothing,(1)} \oplus 1042V^{\varnothing,(2)} \oplus 1926V^{\varnothing,(1,1)} \oplus 8V^{\varnothing,(2,1)} \oplus 9V^{\varnothing,(1,1,1)} \oplus 7104V^{(1),\varnothing} \oplus 8344V^{(1),(1)} \oplus 186V^{(1),(2)} \oplus 195V^{(1),(1,1)} \oplus 1488V^{(1,1),\varnothing} \oplus 337V^{(1,1),(1)} \oplus 22V^{(1,1,1),\varnothing}$
$k = 10: \quad 9874V^{\varnothing,\varnothing} \oplus 7904V^{\varnothing,(1)} \oplus 1711V^{\varnothing,(2)} \oplus 3229V^{\varnothing,(1,1)} \oplus 742V^{\varnothing,(2,1)} \oplus 794V^{\varnothing,(1,1,1)} \oplus 4V^{\varnothing,(2,2)} \oplus 6V^{\varnothing,(2,1,1)} \oplus 6V^{\varnothing,(1,1,1,1)} \oplus 6148V^{(1),\varnothing} \oplus 14866V^{(1),(1)} \oplus 2588V^{(1),(2)} \oplus 2976V^{(1),(1,1)} \oplus 43V^{(1),(2,1)} \oplus 45V^{(1),(1,1,1)} \oplus 2440V^{(1,1),\varnothing} \oplus 2944V^{(1,1),(1)} \oplus 186V^{(1,1),(2)} \oplus 195V^{(1,1),(1,1)} \oplus 598V^{(1,1,1),\varnothing} \oplus 97V^{(1,1,1),(1)} \oplus 8V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 4454V^{\varnothing,\varnothing} \oplus 4945V^{\varnothing,(1)} \oplus 1216V^{\varnothing,(2)} \oplus 2336V^{\varnothing,(1,1)} \oplus 1009V^{\varnothing,(2,1)} \oplus 1059V^{\varnothing,(1,1,1)} \oplus 182V^{\varnothing,(2,2)} \oplus 360V^{\varnothing,(2,1,1)} \oplus 360V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(2,2,1)} \oplus 4V^{\varnothing,(2,1,1,1)} \oplus 3V^{\varnothing,(1,1,1,1,1)} \oplus 4316V^{(1),\varnothing} \oplus 14416V^{(1),(1)} \oplus 4488V^{(1),(2)} \oplus 5082V^{(1),(1,1)} \oplus 1096V^{(1),(2,1)} \oplus 1136V^{(1),(1,1,1)} \oplus 10V^{(1),(2,2)} \oplus 13V^{(1),(2,1,1)} \oplus 13V^{(1),(1,1,1,1)} \oplus 1760V^{(1,1),\varnothing} \oplus 4974V^{(1,1),(1)} \oplus 936V^{(1,1),(2)} \oplus 1092V^{(1,1),(1,1)} \oplus 43V^{(1,1),(2,1)} \oplus 45V^{(1,1),(1,1,1)} \oplus 802V^{(1,1,1),\varnothing} \oplus 1120V^{(1,1,1),(1)} \oplus 66V^{(1,1,1),(2)} \oplus 75V^{(1,1,1),(1,1)} \oplus 260V^{(1,1,1,1),\varnothing} \oplus 25V^{(1,1,1,1),(1)} \oplus 3V^{(1,1,1,1,1),\varnothing}$
$k = 8: \quad 720V^{\varnothing,\varnothing} \oplus 1446V^{\varnothing,(1)} \oplus 473V^{\varnothing,(2)} \oplus 941V^{\varnothing,(1,1)} \oplus 524V^{\varnothing,(2,1)} \oplus 524V^{\varnothing,(1,1,1)} \oplus 153V^{\varnothing,(2,2)} \oplus 303V^{\varnothing,(2,1,1)} \oplus 303V^{\varnothing,(1,1,1,1)} \oplus 78V^{\varnothing,(2,2,1)} \oplus 154V^{\varnothing,(2,1,1,1)} \oplus 78V^{\varnothing,(1,1,1,1,1)} \oplus 2V^{\varnothing,(2,2,1,1)} \oplus 2V^{\varnothing,(2,1,1,1,1)} \oplus 1560V^{(1),\varnothing} \oplus 10532V^{(1),(1)} \oplus 3984V^{(1),(2)} \oplus 4352V^{(1),(1,1)} \oplus 1722V^{(1),(2,1)} \oplus 1758V^{(1),(1,1,1)} \oplus 376V^{(1),(2,2)} \oplus 448V^{(1),(2,1,1)} \oplus 448V^{(1),(1,1,1,1)} \oplus 4V^{(1),(2,2,1)} \oplus 5V^{(1),(2,1,1,1)} \oplus 4V^{(1),(1,1,1,1,1)} \oplus 888V^{(1,1),\varnothing} \oplus 4304V^{(1,1),(1)} \oplus 1508V^{(1,1),(2)} \oplus 1718V^{(1,1),(1,1)} \oplus 396V^{(1,1),(2,1)} \oplus 412V^{(1,1),(1,1,1)} \oplus 10V^{(1,1),(2,2)} \oplus 13V^{(1,1),(2,1,1)} \oplus 13V^{(1,1),(1,1,1,1)} \oplus 428V^{(1,1,1),\varnothing} \oplus 1722V^{(1,1,1),(1)} \oplus 356V^{(1,1,1),(2)} \oplus 424V^{(1,1,1),(1,1)} \oplus 43V^{(1,1,1),(2,1)} \oplus 45V^{(1,1,1),(1,1,1)} \oplus 234V^{(1,1,1,1),\varnothing} \oplus 448V^{(1,1,1,1),(1)} \oplus 18V^{(1,1,1,1),(2)} \oplus 27V^{(1,1,1,1),(1,1)} \oplus 104V^{(1,1,1,1,1),\varnothing} \oplus 7V^{(1,1,1,1,1),(1)} \oplus V^{(1,1,1,1,1,1),\varnothing}$
$k = 7: \quad V^{\varnothing,(1)} \oplus V^{\varnothing,(2)} \oplus V^{\varnothing,(1,1)} \oplus V^{\varnothing,(2,1)} \oplus V^{\varnothing,(1,1,1)} \oplus V^{\varnothing,(2,2)} \oplus V^{\varnothing,(2,1,1)} \oplus V^{\varnothing,(1,1,1,1)} \oplus V^{\varnothing,(2,2,1)} \oplus V^{\varnothing,(2,1,1,1)} \oplus V^{\varnothing,(1,1,1,1,1)} \oplus V^{\varnothing,(2,2,1,1)} \oplus V^{\varnothing,(2,1,1,1,1)} \oplus V^{\varnothing,(2,2,1,1,1)} \oplus 196V^{(1),\varnothing} \oplus 4560V^{(1),(1)} \oplus 2460V^{(1),(2)} \oplus 2580V^{(1),(1,1)} \oplus 1200V^{(1),(2,1)} \oplus 1200V^{(1),(1,1,1)} \oplus 500V^{(1),(2,2)} \oplus 550V^{(1),(2,1,1)} \oplus 550V^{(1),(1,1,1,1)} \oplus 178V^{(1),(2,2,1)} \oplus 204V^{(1),(2,1,1,1)} \oplus 178V^{(1),(1,1,1,1,1)} \oplus 2V^{(1),(2,2,1,1)} \oplus 2V^{(1),(2,1,1,1,1)} \oplus 140V^{(1,1),\varnothing} \oplus 2580V^{(1,1),(1)} \oplus 1208V^{(1,1),(2)} \oplus 1316V^{(1,1),(1,1)} \oplus 582V^{(1,1),(2,1)} \oplus 594V^{(1,1),(1,1,1)} \oplus 132V^{(1,1),(2,2)} \oplus 160V^{(1,1),(2,1,1)} \oplus 160V^{(1,1),(1,1,1,1)} \oplus 4V^{(1,1),(2,2,1)} \oplus 5V^{(1,1),(2,1,1,1)} \oplus 4V^{(1,1),(1,1,1,1,1)} \oplus 84V^{(1,1,1),\varnothing} \oplus 1200V^{(1,1,1),(1)} \oplus 528V^{(1,1,1),(2)} \oplus 594V^{(1,1,1),(1,1)} \oplus 160V^{(1,1,1),(2,1)} \oplus 168V^{(1,1,1),(1,1,1)} \oplus 10V^{(1,1,1),(2,2)} \oplus 13V^{(1,1,1),(2,1,1)} \oplus 13V^{(1,1,1),(1,1,1,1)} \oplus 42V^{(1,1,1,1),\varnothing} \oplus 550V^{(1,1,1,1),(1)} \oplus 140V^{(1,1,1,1),(2)} \oplus 168V^{(1,1,1,1),(1,1)} \oplus 19V^{(1,1,1,1),(2,1)} \oplus 21V^{(1,1,1,1),(1,1,1)} \oplus 28V^{(1,1,1,1,1),\varnothing} \oplus 204V^{(1,1,1,1,1),(1)} \oplus 6V^{(1,1,1,1,1),(2)} \oplus 9V^{(1,1,1,1,1),(1,1)} \oplus 14V^{(1,1,1,1,1,1),\varnothing} \oplus 3V^{(1,1,1,1,1,1),(1)}$
$k = 6: \quad 720V^{(1),(1)} \oplus 720V^{(1),(2)} \oplus 720V^{(1),(1,1)} \oplus 468V^{(1),(2,1)} \oplus 468V^{(1),(1,1,1)} \oplus 260V^{(1),(2,2)} \oplus 260V^{(1),(2,1,1)} \oplus 260V^{(1),(1,1,1,1)} \oplus 150V^{(1),(2,2,1)} \oplus 150V^{(1),(2,1,1,1)} \oplus 150V^{(1),(1,1,1,1,1)} \oplus 76V^{(1),(2,2,1,1)} \oplus 76V^{(1),(2,1,1,1,1)} \oplus V^{(1),(2,2,1,1,1)} \oplus 720V^{(1,1),(1)} \oplus 624V^{(1,1),(2)} \oplus 648V^{(1,1),(1,1)} \oplus 368V^{(1,1),(2,1)} \oplus 368V^{(1,1),(1,1,1)} \oplus 168V^{(1,1),(2,2)} \oplus 186V^{(1,1),(2,1,1)} \oplus 186V^{(1,1),(1,1,1,1)} \oplus 62V^{(1,1),(2,2,1)} \oplus 72V^{(1,1),(2,1,1,1)} \oplus 62V^{(1,1),(1,1,1,1,1)} \oplus 2V^{(1,1),(2,2,1,1)} \oplus 2V^{(1,1),(2,1,1,1,1)} \oplus 468V^{(1,1,1),(1)} \oplus 344V^{(1,1,1),(2)} \oplus 368V^{(1,1,1),(1,1)} \oplus 206V^{(1,1,1),(2,1)} \oplus 210V^{(1,1,1),(1,1,1)} \oplus 52V^{(1,1,1),(2,2)} \oplus 64V^{(1,1,1),(2,1,1)} \oplus 64V^{(1,1,1),(1,1,1,1)} \oplus$

Table 224: Table for $\lambda = (1,1,1,1,1,1,1)$, $\mu = (2,1,1,1,1,1)$:

$k = 14: \quad 6V^{\varnothing,\varnothing}$
$k = 13: \quad 6579V^{\varnothing,\varnothing} \oplus 12V^{\varnothing,(1)} \oplus 61V^{(1),\varnothing}$
$k = 12:$ $12688V^{\varnothing,\varnothing} \oplus 4648V^{\varnothing,(1)} \oplus 6V^{\varnothing,(2)} \oplus 10V^{\varnothing,(1,1)} \oplus 3266V^{(1),\varnothing} \oplus 1027V^{(1),(1)} \oplus 35V^{(1,1),\varnothing}$
$k = 11:$ $12944V^{\varnothing,\varnothing} \oplus 8595V^{\varnothing,(1)} \oplus 914V^{\varnothing,(2)} \oplus 1802V^{\varnothing,(1,1)} \oplus 5V^{\varnothing,(2,1)} \oplus 8V^{\varnothing,(1,1,1)} \oplus 5880V^{(1),\varnothing} \oplus$ $8152V^{(1),(1)} \oplus 154V^{(1),(2)} \oplus 187V^{(1),(1,1)} \oplus 1264V^{(1,1),\varnothing} \oplus 307V^{(1,1),(1)} \oplus 18V^{(1,1,1),\varnothing}$
$k = 10: \quad 9866V^{\varnothing,\varnothing} \oplus 7880V^{\varnothing,(1)} \oplus 1543V^{\varnothing,(2)} \oplus 3061V^{\varnothing,(1,1)} \oplus 376V^{\varnothing,(2,1)} \oplus$ $742V^{\varnothing,(1,1,1)} \oplus 4V^{\varnothing,(2,1,1)} \oplus 6V^{\varnothing,(1,1,1,1)} \oplus 5108V^{(1),\varnothing} \oplus 14710V^{(1),(1)} \oplus 2412V^{(1),(2)} \oplus$ $2848V^{(1),(1,1)} \oplus 34V^{(1),(2,1)} \oplus 43V^{(1),(1,1,1)} \oplus 2040V^{(1,1),\varnothing} \oplus 2848V^{(1,1),(1)} \oplus$ $154V^{(1,1),(2)} \oplus 187V^{(1,1),(1,1)} \oplus 518V^{(1,1,1),\varnothing} \oplus 67V^{(1,1,1),(1)} \oplus 8V^{(1,1,1,1),\varnothing}$
$k = 9: \quad 4446V^{\varnothing,\varnothing} \oplus 4945V^{\varnothing,(1)} \oplus 1136V^{\varnothing,(2)} \oplus 2256V^{\varnothing,(1,1)} \oplus 509V^{\varnothing,(2,1)} \oplus$ $1009V^{\varnothing,(1,1,1)} \oplus 182V^{\varnothing,(2,1,1)} \oplus 360V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(2,1,1,1)} \oplus 4V^{\varnothing,(1,1,1,1,1)} \oplus 3060V^{(1),\varnothing} \oplus$ $14380V^{(1),(1)} \oplus 4344V^{(1),(2)} \oplus 4938V^{(1),(1,1)} \oplus 928V^{(1),(2,1)} \oplus 1096V^{(1),(1,1,1)} \oplus$ $10V^{(1),(2,1,1)} \oplus 13V^{(1),(1,1,1,1)} \oplus 1440V^{(1,1),\varnothing} \oplus 4938V^{(1,1),(1)} \oplus 856V^{(1,1),(2)} \oplus$ $1036V^{(1,1),(1,1)} \oplus 34V^{(1,1),(2,1)} \oplus 43V^{(1,1),(1,1,1)} \oplus 658V^{(1,1,1),\varnothing} \oplus 1096V^{(1,1,1),(1)} \oplus$ $34V^{(1,1,1),(2)} \oplus 67V^{(1,1,1),(1,1)} \oplus 228V^{(1,1,1,1),\varnothing} \oplus 19V^{(1,1,1,1),(1)} \oplus 3V^{(1,1,1,1,1),\varnothing}$
$k = 8: \quad 726V^{\varnothing,\varnothing} \oplus 1446V^{\varnothing,(1)} \oplus 473V^{\varnothing,(2)} \oplus 941V^{\varnothing,(1,1)} \oplus 264V^{\varnothing,(2,1)} \oplus$ $524V^{\varnothing,(1,1,1)} \oplus 153V^{\varnothing,(2,1,1)} \oplus 303V^{\varnothing,(1,1,1,1)} \oplus 78V^{\varnothing,(2,1,1,1)} \oplus 154V^{\varnothing,(1,1,1,1,1)} \oplus$ $2V^{\varnothing,(2,1,1,1,1)} \oplus 2V^{\varnothing,(1,1,1,1,1,1)} \oplus 900V^{(1),\varnothing} \oplus 10532V^{(1),(1)} \oplus 3936V^{(1),(2)} \oplus$ $4304V^{(1),(1,1)} \oplus 1536V^{(1),(2,1)} \oplus 1722V^{(1),(1,1,1)} \oplus 376V^{(1),(2,1,1)} \oplus 448V^{(1),(1,1,1,1)} \oplus$ $4V^{(1),(2,1,1,1)} \oplus 5V^{(1),(1,1,1,1,1)} \oplus 588V^{(1,1),\varnothing} \oplus 4304V^{(1,1),(1)} \oplus 1460V^{(1,1),(2)} \oplus$ $1670V^{(1,1),(1,1)} \oplus 328V^{(1,1),(2,1)} \oplus 396V^{(1,1),(1,1,1)} \oplus 10V^{(1,1),(2,1,1)} \oplus 13V^{(1,1),(1,1,1,1)} \oplus$ $332V^{(1,1,1),\varnothing} \oplus 1722V^{(1,1,1),(1)} \oplus 328V^{(1,1,1),(2)} \oplus 396V^{(1,1,1),(1,1)} \oplus 34V^{(1,1,1),(2,1)} \oplus$ $43V^{(1,1,1),(1,1,1)} \oplus 186V^{(1,1,1,1),\varnothing} \oplus 448V^{(1,1,1,1),(1)} \oplus 10V^{(1,1,1,1),(2)} \oplus 19V^{(1,1,1,1),(1,1)} \oplus$ $88V^{(1,1,1,1,1),\varnothing} \oplus 7V^{(1,1,1,1,1),(1)} \oplus V^{(1,1,1,1,1,1),\varnothing}$
$k = 7:$ $V^{\varnothing,(1)} \oplus V^{\varnothing,(2)} \oplus V^{\varnothing,(1,1)} \oplus V^{\varnothing,(2,1)} \oplus V^{\varnothing,(1,1,1)} \oplus V^{\varnothing,(2,1,1)} \oplus V^{\varnothing,(1,1,1,1)} \oplus V^{\varnothing,(2,1,1,1)} \oplus$ $V^{\varnothing,(1,1,1,1,1)} \oplus V^{\varnothing,(2,1,1,1,1)} \oplus V^{\varnothing,(1,1,1,1,1,1)} \oplus V^{\varnothing,(2,1,1,1,1,1)} \oplus 36V^{(1),\varnothing} \oplus 4560V^{(1),(1)} \oplus$ $2460V^{(1),(2)} \oplus 2580V^{(1),(1,1)} \oplus 1120V^{(1),(2,1)} \oplus 1200V^{(1),(1,1,1)} \oplus 500V^{(1),(2,1,1)} \oplus$ $550V^{(1),(1,1,1,1)} \oplus 178V^{(1),(2,1,1,1)} \oplus 204V^{(1),(1,1,1,1,1)} \oplus 2V^{(1),(2,1,1,1,1)} \oplus 2V^{(1),(1,1,1,1,1,1)} \oplus$ $30V^{(1,1),\varnothing} \oplus 2580V^{(1,1),(1)} \oplus 1196V^{(1,1),(2)} \oplus 1304V^{(1,1),(1,1)} \oplus 516V^{(1,1),(2,1)} \oplus$ $582V^{(1,1),(1,1,1)} \oplus 132V^{(1,1),(2,1,1)} \oplus 160V^{(1,1),(1,1,1,1)} \oplus 4V^{(1,1),(2,1,1,1)} \oplus 5V^{(1,1),(1,1,1,1,1)} \oplus$ $24V^{(1,1,1),\varnothing} \oplus 1200V^{(1,1,1),(1)} \oplus 516V^{(1,1,1),(2)} \oplus 582V^{(1,1,1),(1,1)} \oplus 130V^{(1,1,1),(2,1)} \oplus$ $160V^{(1,1,1),(1,1,1)} \oplus 10V^{(1,1,1),(2,1,1)} \oplus 13V^{(1,1,1),(1,1,1,1)} \oplus 18V^{(1,1,1,1),\varnothing} \oplus 550V^{(1,1,1,1),(1)} \oplus$ $132V^{(1,1,1,1),(2)} \oplus 160V^{(1,1,1,1),(1,1)} \oplus 10V^{(1,1,1,1),(2,1)} \oplus 19V^{(1,1,1,1),(1,1,1)} \oplus 12V^{(1,1,1,1,1),\varnothing} \oplus$ $204V^{(1,1,1,1,1),(1)} \oplus 4V^{(1,1,1,1,1),(2)} \oplus 7V^{(1,1,1,1,1),(1,1)} \oplus 6V^{(1,1,1,1,1,1),\varnothing} \oplus 3V^{(1,1,1,1,1,1),(1)}$
$k = 6: \quad 720V^{(1),(1)} \oplus 720V^{(1),(2)} \oplus 720V^{(1),(1,1)} \oplus 468V^{(1),(2,1)} \oplus 468V^{(1),(1,1,1)} \oplus$ $260V^{(1),(2,1,1)} \oplus 260V^{(1),(1,1,1,1)} \oplus 150V^{(1),(2,1,1,1)} \oplus 150V^{(1),(1,1,1,1,1)} \oplus 76V^{(1),(2,1,1,1,1)} \oplus$ $76V^{(1),(1,1,1,1,1,1)} \oplus V^{(1),(2,1,1,1,1,1)} \oplus 720V^{(1,1),(1)} \oplus 624V^{(1,1),(2)} \oplus 648V^{(1,1),(1,1)} \oplus$ $344V^{(1,1),(2,1)} \oplus 368V^{(1,1),(1,1,1)} \oplus 168V^{(1,1),(2,1,1)} \oplus 186V^{(1,1),(1,1,1,1)} \oplus 62V^{(1,1),(2,1,1,1)} \oplus$ $72V^{(1,1),(1,1,1,1,1)} \oplus 2V^{(1,1),(2,1,1,1,1)} \oplus 2V^{(1,1),(1,1,1,1,1,1)} \oplus 468V^{(1,1,1),(1)} \oplus 344V^{(1,1,1),(2)} \oplus$ $368V^{(1,1,1),(1,1)} \oplus 184V^{(1,1,1),(2,1)} \oplus 206V^{(1,1,1),(1,1,1)} \oplus 52V^{(1,1,1),(2,1,1)} \oplus 64V^{(1,1,1),(1,1,1,1)} \oplus$ $4V^{(1,1,1),(2,1,1,1)} \oplus 5V^{(1,1,1),(1,1,1,1,1)} \oplus 260V^{(1,1,1,1),(1)} \oplus 168V^{(1,1,1,1),(2)} \oplus 186V^{(1,1,1,1),(1,1)} \oplus$ $52V^{(1,1,1,1),(2,1)} \oplus 64V^{(1,1,1,1),(1,1,1)} \oplus 10V^{(1,1,1,1),(2,1,1)} \oplus 13V^{(1,1,1,1),(1,1,1,1)} \oplus$ $150V^{(1,1,1,1,1),(1)} \oplus 62V^{(1,1,1,1,1),(2)} \oplus 72V^{(1,1,1,1,1),(1,1)} \oplus 4V^{(1,1,1,1,1),(2,1)} \oplus$ $V^{(1,1,1,1,1),(1,1,1)} \oplus V^{(1,1,1,1,1,1),(1)} \oplus V^{(1,1,1,1,1,1),(2)} \oplus V^{(1,1,1,1,1,1),(1,1)} \oplus V^{(1,1,1,1,1,1),(1)}$

Table 225: Table for $\lambda = (1,1,1,1,1,1,1)$, $\mu = (1,1,1,1,1,1,1)$:

$k = 14: \quad 8V^{\varnothing,\varnothing}$
$k = 13: \quad 6574V^{\varnothing,\varnothing} \oplus 7V^{\varnothing,(1)} \oplus 7V^{(1),\varnothing}$
$k = 12: \quad 12683V^{\varnothing,\varnothing} \oplus 2362V^{\varnothing,(1)} \oplus 6V^{\varnothing,(1,1)} \oplus 2362V^{(1),\varnothing} \oplus 874V^{(1),(1)} \oplus 6V^{(1,1),\varnothing}$
$k = 11: \quad 12939V^{\varnothing,\varnothing} \oplus 4335V^{\varnothing,(1)} \oplus 914V^{\varnothing,(1,1)} \oplus 5V^{\varnothing,(1,1,1)} \oplus 4335V^{(1),\varnothing} \oplus$ $6964V^{(1),(1)} \oplus 154V^{(1),(1,1)} \oplus 914V^{(1,1),\varnothing} \oplus 154V^{(1,1),(1)} \oplus 5V^{(1,1,1),\varnothing}$
$k = 10: \quad 9861V^{\varnothing,\varnothing} \oplus 3968V^{\varnothing,(1)} \oplus 1543V^{\varnothing,(1,1)} \oplus 376V^{\varnothing,(1,1,1)} \oplus 4V^{\varnothing,(1,1,1,1)} \oplus$ $3968V^{(1),\varnothing} \oplus 12980V^{(1),(1)} \oplus 2412V^{(1),(1,1)} \oplus 34V^{(1),(1,1,1)} \oplus 1543V^{(1,1),\varnothing} \oplus$ $2412V^{(1,1),(1)} \oplus 154V^{(1,1),(1,1)} \oplus 376V^{(1,1,1),\varnothing} \oplus 34V^{(1,1,1),(1)} \oplus 4V^{(1,1,1,1),\varnothing}$
$k = 9:$ $4441V^{\varnothing,\varnothing} \oplus 2485V^{\varnothing,(1)} \oplus 1136V^{\varnothing,(1,1)} \oplus 509V^{\varnothing,(1,1,1)} \oplus 182V^{\varnothing,(1,1,1,1)} \oplus 3V^{\varnothing,(1,1,1,1,1)} \oplus$ $2485V^{(1),\varnothing} \oplus 13064V^{(1),(1)} \oplus 4344V^{(1),(1,1)} \oplus 928V^{(1),(1,1,1)} \oplus 10V^{(1),(1,1,1,1)} \oplus$ $1136V^{(1,1),\varnothing} \oplus 4344V^{(1,1),(1)} \oplus 856V^{(1,1),(1,1)} \oplus 34V^{(1,1),(1,1,1)} \oplus 509V^{(1,1,1),\varnothing} \oplus$ $928V^{(1,1,1),(1)} \oplus 34V^{(1,1,1),(1,1)} \oplus 182V^{(1,1,1,1),\varnothing} \oplus 10V^{(1,1,1,1),(1)} \oplus 3V^{(1,1,1,1,1),\varnothing}$
$k = 8: \quad 721V^{\varnothing,\varnothing} \oplus 726V^{\varnothing,(1)} \oplus 473V^{\varnothing,(1,1)} \oplus 264V^{\varnothing,(1,1,1)} \oplus 153V^{\varnothing,(1,1,1,1)} \oplus$ $78V^{\varnothing,(1,1,1,1,1)} \oplus 2V^{\varnothing,(1,1,1,1,1,1)} \oplus 726V^{(1),\varnothing} \oplus 9884V^{(1),(1)} \oplus 3936V^{(1),(1,1)} \oplus$ $1536V^{(1),(1,1,1)} \oplus 376V^{(1),(1,1,1,1)} \oplus 4V^{(1),(1,1,1,1,1)} \oplus 473V^{(1,1),\varnothing} \oplus 3936V^{(1,1),(1)} \oplus$ $1460V^{(1,1),(1,1)} \oplus 328V^{(1,1),(1,1,1)} \oplus 10V^{(1,1),(1,1,1,1)} \oplus 264V^{(1,1,1),\varnothing} \oplus 1536V^{(1,1,1),(1)} \oplus$ $328V^{(1,1,1),(1,1)} \oplus 34V^{(1,1,1),(1,1,1)} \oplus 153V^{(1,1,1,1),\varnothing} \oplus 376V^{(1,1,1,1),(1)} \oplus 10V^{(1,1,1,1),(1,1)} \oplus$ $78V^{(1,1,1,1,1),\varnothing} \oplus 4V^{(1,1,1,1,1),(1)} \oplus 2V^{(1,1,1,1,1,1),\varnothing}$
$k = 7: \quad V^{\varnothing,\varnothing} \oplus V^{\varnothing,(1)} \oplus V^{\varnothing,(1,1)} \oplus V^{\varnothing,(1,1,1)} \oplus V^{\varnothing,(1,1,1,1)} \oplus V^{\varnothing,(1,1,1,1,1)} \oplus$ $V^{\varnothing,(1,1,1,1,1,1)} \oplus V^{\varnothing,(1,1,1,1,1,1,1)} \oplus V^{(1),\varnothing} \oplus 4440V^{(1),(1)} \oplus 2460V^{(1),(1,1)} \oplus$ $1120V^{(1),(1,1,1)} \oplus 500V^{(1),(1,1,1,1)} \oplus 178V^{(1),(1,1,1,1,1)} \oplus 2V^{(1),(1,1,1,1,1,1)} \oplus V^{(1,1),\varnothing} \oplus$ $2460V^{(1,1),(1)} \oplus 1196V^{(1,1),(1,1)} \oplus 516V^{(1,1),(1,1,1)} \oplus 132V^{(1,1),(1,1,1,1)} \oplus 4V^{(1,1),(1,1,1,1,1)} \oplus$ $V^{(1,1,1),\varnothing} \oplus 1120V^{(1,1,1),(1)} \oplus 516V^{(1,1,1),(1,1)} \oplus 130V^{(1,1,1),(1,1,1)} \oplus 10V^{(1,1,1),(1,1,1,1)} \oplus$ $V^{(1,1,1,1),\varnothing} \oplus 500V^{(1,1,1,1),(1)} \oplus 132V^{(1,1,1,1),(1,1)} \oplus 10V^{(1,1,1,1),(1,1,1)} \oplus V^{(1,1,1,1,1),\varnothing} \oplus$ $178V^{(1,1,1,1,1),(1)} \oplus 4V^{(1,1,1,1,1),(1,1)} \oplus V^{(1,1,1,1,1,1),\varnothing} \oplus 2V^{(1,1,1,1,1,1),(1)} \oplus V^{(1,1,1,1,1,1,1),\varnothing}$
$k = 6: \quad 720V^{(1),(1)} \oplus 720V^{(1),(1,1)} \oplus 468V^{(1),(1,1,1)} \oplus 260V^{(1),(1,1,1,1)} \oplus$ $150V^{(1),(1,1,1,1,1)} \oplus 76V^{(1),(1,1,1,1,1,1)} \oplus V^{(1),(1,1,1,1,1,1,1)} \oplus 720V^{(1,1),(1)} \oplus 624V^{(1,1),(1,1)} \oplus$ $344V^{(1,1),(1,1,1)} \oplus 168V^{(1,1),(1,1,1,1)} \oplus 62V^{(1,1),(1,1,1,1,1)} \oplus 2V^{(1,1),(1,1,1,1,1,1)} \oplus$ $468V^{(1,1,1),(1)} \oplus 344V^{(1,1,1),(1,1)} \oplus 184V^{(1,1,1),(1,1,1)} \oplus 52V^{(1,1,1),(1,1,1,1)} \oplus$ $4V^{(1,1,1),(1,1,1,1,1)} \oplus 260V^{(1,1,1,1),(1)} \oplus 168V^{(1,1,1,1),(1,1)} \oplus 52V^{(1,1,1,1),(1,1,1)} \oplus$ $10V^{(1,1,1,1),(1,1,1,1)} \oplus 150V^{(1,1,1,1,1),(1)} \oplus 62V^{(1,1,1,1,1),(1,1)} \oplus 4V^{(1,1,1,1,1),(1,1,1)} \oplus$ $76V^{(1,1,1,1,1,1),(1)} \oplus 2V^{(1,1,1,1,1,1),(1,1)} \oplus V^{(1,1,1,1,1,1,1),(1)}$
$k = 5:$ $120V^{(1,1),(1,1)} \oplus 120V^{(1,1),(1,1,1)} \oplus 80V^{(1,1),(1,1,1,1)} \oplus 50V^{(1,1),(1,1,1,1,1)} \oplus 26V^{(1,1),(1,1,1,1,1,1)} \oplus$ $V^{(1,1),(1,1,1,1,1,1,1)} \oplus 120V^{(1,1,1),(1,1)} \oplus 102V^{(1,1,1),(1,1,1)} \oplus 60V^{(1,1,1),(1,1,1,1)} \oplus$ $24V^{(1,1,1),(1,1,1,1,1)} \oplus 2V^{(1,1,1),(1,1,1,1,1,1)} \oplus 80V^{(1,1,1,1),(1,1)} \oplus 60V^{(1,1,1,1),(1,1,1)} \oplus$ $22V^{(1,1,1,1),(1,1,1,1)} \oplus 4V^{(1,1,1,1),(1,1,1,1,1)} \oplus 50V^{(1,1,1,1,1),(1,1)} \oplus 24V^{(1,1,1,1,1),(1,1,1)} \oplus$ $4V^{(1,1,1,1,1),(1,1,1,1)} \oplus 26V^{(1,1,1,1,1,1),(1,1)} \oplus 2V^{(1,1,1,1,1,1),(1,1,1)} \oplus V^{(1,1,1,1,1,1,1),(1,1)}$
$k = 4: \quad 24V^{(1,1,1),(1,1,1)} \oplus 24V^{(1,1,1),(1,1,1,1)} \oplus 18V^{(1,1,1),(1,1,1,1,1)} \oplus$ $10V^{(1,1,1),(1,1,1,1,1,1)} \oplus V^{(1,1,1),(1,1,1,1,1,1,1)} \oplus 24V^{(1,1,1,1),(1,1,1)} \oplus 20V^{(1,1,1,1),(1,1,1,1)} \oplus$ $10V^{(1,1,1,1),(1,1,1,1,1)} \oplus 2V^{(1,1,1,1),(1,1,1,1,1,1)} \oplus 18V^{(1,1,1,1,1),(1,1,1)} \oplus 10V^{(1,1,1,1,1),(1,1,1,1)} \oplus$ $4V^{(1,1,1,1,1),(1,1,1,1,1)} \oplus 10V^{(1,1,1,1,1,1),(1,1,1)} \oplus 2V^{(1,1,1,1,1,1),(1,1,1,1)} \oplus V^{(1,1,1,1,1,1,1),(1,1,1)}$
$k = 3: \quad 6V^{(1,1,1,1),(1,1,1,1)} \oplus 6V^{(1,1,1,1),(1,1,1,1,1)} \oplus 4V^{(1,1,1,1),(1,1,1,1,1,1)} \oplus$ $V^{(1,1,1,1),(1,1,1,1,1,1,1)} \oplus 6V^{(1,1,1,1,1),(1,1,1,1)} \oplus 5V^{(1,1,1,1,1),(1,1,1,1,1)} \oplus 2V^{(1,1,1,1,1),(1,1,1,1,1,1)} \oplus$