

type A4, s=5, subset=[1, 2, 3]

$i+j=1$	$L_{2,2,2,2}L_{3,3,3,2}L_{2,3,3,3}L_{3,3,3,3}$			
$i+j=3$	0	$L_{2,2,2,2}L_{3,3,2,1}L_{1,2,3,3}L_{4,3,2,1}L_{2,3,3,2}L_{1,2,3,4}L_{3,3,3,2}^2L_{2,3,3,3}^2L_{3,4,3,2}L_{3,3,3,3}L_{2,3,4,3}L_{4,4,3,2}L_{2,3,4,4}L_{3,4,4,3}$		
$i+j=5$	0	0	$L_{2,2,2,2}L_{3,3,2,1}L_{1,2,3,3}L_{4,3,2,1}L_{2,3,3,2}L_{1,2,3,4}L_{3,3,3,2}^2L_{2,3,3,3}^2L_{3,4,3,2}L_{3,3,3,3}L_{2,3,4,3}L_{4,4,3,2}L_{2,3,4,4}L_{3,4,4,3}$	
$i+j=7$	0	0	0	$L_{2,2,2,2}L_{3,3,3,2}L_{2,3,3,3}L_{3,3,3,3}$
$h^{i,j}$	$j-i=1$	$j-i=3$	$j-i=5$	$j-i=7$

$i+j=1$	3300			
$i+j=3$	0	20151		
$i+j=5$	0	0	20151	
$i+j=7$	0	0	0	3300
$h^{i,j}$	$j-i=1$	$j-i=3$	$j-i=5$	$j-i=7$

	module	multiplicity	dimension
	all		46902
$L\left(2\alpha_1+2\alpha_2+2\alpha_3+2\alpha_4\right)$	4		200
$L\left(3\alpha_1+3\alpha_2+3\alpha_3+2\alpha_4\right)$	6		1050
$L\left(2\alpha_1+3\alpha_2+3\alpha_3+3\alpha_4\right)$	6		1050
$L\left(3\alpha_1+3\alpha_2+3\alpha_3+3\alpha_4\right)$	4		1000
$L\left(3\alpha_1+3\alpha_2+2\alpha_3+\alpha_4\right)$	2		224
$L\left(\alpha_1+2\alpha_2+3\alpha_3+3\alpha_4\right)$	2		224
$L\left(4\alpha_1+3\alpha_2+2\alpha_3+\alpha_4\right)$	2		126
$L\left(2\alpha_1+3\alpha_2+3\alpha_3+2\alpha_4\right)$	2		1024
$L\left(\alpha_1+2\alpha_2+3\alpha_3+4\alpha_4\right)$	2		126
$L\left(3\alpha_1+4\alpha_2+3\alpha_3+2\alpha_4\right)$	2		1701
$L\left(2\alpha_1+3\alpha_2+4\alpha_3+3\alpha_4\right)$	2		1701
$L\left(4\alpha_1+4\alpha_2+3\alpha_3+2\alpha_4\right)$	2		1750
$L\left(2\alpha_1+3\alpha_2+4\alpha_3+4\alpha_4\right)$	2		1750
$L\left(3\alpha_1+4\alpha_2+4\alpha_3+3\alpha_4\right)$	2		6125