Table 1: Ferminonic case $\wedge^4\mathbb{C}^{10}$

dominant 1-PS	Inequality	w
$(3,-1,-1,-1,-1,-1,-1,-1,-1,-1)$	$3\lambda_1 - \lambda_2 - \lambda_3 - \lambda_4 - \lambda_5 - \lambda_6 - \lambda_7 - \lambda_8 - \lambda_9 - \lambda_{10} \geq 0$	$(0,1,2,3,4,5,6,7,8,9)$
$(0,0,0,0,0,0,0,0,0,-1)$	$-\lambda_{10} \geq 0$	$(0,1,2,3,4,5,6,7,8,9)$
$(1,1,1,-1,-1,-1,-1,-1,-1,-3)$	$\lambda_1 + \lambda_2 + \lambda_3 - 3\lambda_4 - \lambda_5 - \lambda_6 - \lambda_7 - \lambda_8 - \lambda_9 - \lambda_{10} \geq 0$	$(0,1,2,4,5,6,7,8,9,3)$
	$\lambda_1 + \lambda_2 - \lambda_3 - \lambda_4 + \lambda_5 - 3\lambda_6 - \lambda_7 - \lambda_8 - \lambda_9 - \lambda_{10} \geq 0$	$(0,1,4,2,3,6,7,8,9,5)$
	$\lambda_1 - \lambda_2 + \lambda_3 - \lambda_4 + \lambda_5 - \lambda_6 - 3\lambda_7 - \lambda_8 - \lambda_9 - \lambda_{10} \geq 0$	$(0,2,4,1,3,5,7,8,9,6)$
	$-\lambda_1 + \lambda_2 + \lambda_3 - \lambda_4 + \lambda_5 - \lambda_6 - \lambda_7 - 3\lambda_8 - \lambda_9 - \lambda_{10} \geq 0$	$(1,2,4,0,3,5,6,8,9,7)$
	$\lambda_1 - \lambda_2 - \lambda_3 + \lambda_4 + \lambda_5 - \lambda_6 - \lambda_7 - 3\lambda_8 - \lambda_9 - \lambda_{10} \geq 0$	$(0,3,4,1,2,5,6,8,9,7)$
	$\lambda_1 - \lambda_2 + \lambda_3 - \lambda_4 - \lambda_5 + \lambda_6 - \lambda_7 - 3\lambda_8 - \lambda_9 - \lambda_{10} \geq 0$	$(0,2,5,1,3,4,6,8,9,7)$
	$\lambda_1 + \lambda_2 - \lambda_3 - \lambda_4 - \lambda_5 - \lambda_6 + \lambda_7 - 3\lambda_8 - \lambda_9 - \lambda_{10} \geq 0$	$(0,1,6,2,3,4,5,8,9,7)$
	$\lambda_1 + \lambda_2 - \lambda_3 - \lambda_4 - \lambda_5 - \lambda_6 - \lambda_7 - \lambda_8 + \lambda_9 - 3\lambda_{10} \geq 0$	$(0,1,8,2,3,4,5,6,7,9)$
$(1,1,1,1,1,-3,-3,-3,-3,-3)$	$\lambda_1 + \lambda_2 + \lambda_3 - 3\lambda_4 + \lambda_5 - 3\lambda_6 - 3\lambda_7 - 3\lambda_8 + \lambda_9 - 3\lambda_{10} \geq 0$	$(0,1,2,4,8,3,5,6,7,9)$
$(1,0,0,0,0,-1,-1,-1,-1,-1)$	$\lambda_1 - \lambda_2 - \lambda_7 - \lambda_8 - \lambda_9 - \lambda_{10} \geq 0$	$(0,2,3,4,5,1,6,7,8,9)$
	$\lambda_1 - \lambda_3 - \lambda_6 - \lambda_8 - \lambda_9 - \lambda_{10} \geq 0$	$(0,1,3,4,6,2,5,7,8,9)$
	$\lambda_1 - \lambda_4 - \lambda_5 - \lambda_8 - \lambda_9 - \lambda_{10} \geq 0$	$(0,1,2,5,6,3,4,7,8,9)$
	$\lambda_1 - \lambda_4 - \lambda_6 - \lambda_7 - \lambda_9 - \lambda_{10} \geq 0$	$(0,1,2,4,7,3,5,6,8,9)$
	$\lambda_2 - \lambda_4 - \lambda_6 - \lambda_8 - \lambda_9 - \lambda_{10} \geq 0$	$(1,0,2,4,6,3,5,7,8,9)$
	$\lambda_3 - \lambda_4 - \lambda_7 - \lambda_8 - \lambda_9 - \lambda_{10} \geq 0$	$(2,0,1,4,5,3,6,7,8,9)$
	$\lambda_5 - \lambda_6 - \lambda_7 - \lambda_8 - \lambda_9 - \lambda_{10} \geq 0$	$(4,0,1,2,3,5,6,7,8,9)$
$(3,3,-1,-1,-1,-1,-5,-5,-5,-5)$	$3\lambda_1 + 3\lambda_2 - \lambda_3 - 5\lambda_4 - \lambda_5 - 5\lambda_6 - \lambda_7 - 5\lambda_8 - \lambda_9 - 5\lambda_{10} \geq 0$	$(0,1,2,4,6,8,3,5,7,9)$
	$3\lambda_1 - \lambda_2 + 3\lambda_3 - 5\lambda_4 - \lambda_5 - \lambda_6 - 5\lambda_7 - 5\lambda_8 - \lambda_9 - 5\lambda_{10} \geq 0$	$(0,2,1,4,5,8,3,6,7,9)$
	$3\lambda_1 - \lambda_2 - \lambda_3 - \lambda_4 + 3\lambda_5 - 5\lambda_6 - 5\lambda_7 - 5\lambda_8 - \lambda_9 - 5\lambda_{10} \geq 0$	$(0,4,1,2,3,8,5,6,7,9)$
$(5,1,1,1,-3,-3,-3,-7,-7,-7)$	$5\lambda_1 + \lambda_2 + \lambda_3 - 7\lambda_4 + \lambda_5 - 7\lambda_6 - 7\lambda_7 - 3\lambda_8 - 3\lambda_9 - 3\lambda_{10} \geq 0$	$(0,1,2,4,7,8,9,3,5,6)$
	$\lambda_1 + 5\lambda_2 + \lambda_3 - 7\lambda_4 + \lambda_5 - 7\lambda_6 - 3\lambda_7 - 7\lambda_8 - 3\lambda_9 - 3\lambda_{10} \geq 0$	$(1,0,2,4,6,8,9,3,5,7)$
	$\lambda_1 + \lambda_2 + 5\lambda_3 - 7\lambda_4 + \lambda_5 - 3\lambda_6 - 7\lambda_7 - 7\lambda_8 - 3\lambda_9 - 3\lambda_{10} \geq 0$	$(2,0,1,4,5,8,9,3,6,7)$
	$\lambda_1 + \lambda_2 + \lambda_3 - 3\lambda_4 + 5\lambda_5 - 7\lambda_6 - 7\lambda_7 - 7\lambda_8 - 3\lambda_9 - 3\lambda_{10} \geq 0$	$(4,0,1,2,3,8,9,5,6,7)$
$(1,1,0,0,0,-1,-1,-2,-2,-2)$	$\lambda_1 - \lambda_2 + \lambda_5 - 2\lambda_6 - 2\lambda_7 - \lambda_8 - 2\lambda_{10} \geq 0$	$(0,4,2,3,8,1,7,5,6,9)$
$(7,3,-1,-1,-1,-5,-5,-9,-9,-9)$	$7\lambda_1 - \lambda_2 + 3\lambda_3 - 9\lambda_4 - \lambda_5 - 9\lambda_6 - 5\lambda_7 - 5\lambda_8 - \lambda_9 - 9\lambda_{10} \geq 0$	$(0,2,1,4,8,6,7,3,5,9)$
	$7\lambda_1 - \lambda_2 + 3\lambda_3 - 9\lambda_4 - 5\lambda_5 - \lambda_6 - 9\lambda_7 - 5\lambda_8 - \lambda_9 - 9\lambda_{10} \geq 0$	$(0,2,1,5,8,4,7,3,6,9)$

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	$7\lambda_1 - \lambda_2 - 5\lambda_3 - \lambda_4 + 3\lambda_5 - 9\lambda_6 - 9\lambda_7 - 5\lambda_8 - \lambda_9 - 9\lambda_{10} \geq 0$	$(0,4,1,3,8,2,7,5,6,9)$
	$7\lambda_1 - 5\lambda_2 - \lambda_3 - \lambda_4 + 3\lambda_5 - 9\lambda_6 - 5\lambda_7 - 9\lambda_8 - \lambda_9 - 9\lambda_{10} \geq 0$	$(0,4,2,3,8,1,6,5,7,9)$
	$3\lambda_1 + 7\lambda_2 - \lambda_3 - 9\lambda_4 - \lambda_5 - 9\lambda_6 - \lambda_7 - 9\lambda_8 - 5\lambda_9 - 5\lambda_{10} \geq 0$	$(1,0,2,4,6,8,9,3,5,7)$
	$3\lambda_1 - \lambda_2 + 7\lambda_3 - 9\lambda_4 - \lambda_5 - \lambda_6 - 9\lambda_7 - 9\lambda_8 - 5\lambda_9 - 5\lambda_{10} \geq 0$	$(2,0,1,4,5,8,9,3,6,7)$
	$3\lambda_1 - \lambda_2 - \lambda_3 - \lambda_4 + 7\lambda_5 - 9\lambda_6 - 9\lambda_7 - 9\lambda_8 - 5\lambda_9 - 5\lambda_{10} \geq 0$	$(4,0,1,2,3,8,9,5,6,7)$
	$3\lambda_1 + 7\lambda_2 - \lambda_3 - 9\lambda_4 - \lambda_5 - 9\lambda_6 - 5\lambda_7 - 5\lambda_8 - \lambda_9 - 9\lambda_{10} \geq 0$	$(1,0,2,4,8,6,7,3,5,9)$
	$3\lambda_1 + 7\lambda_2 - \lambda_3 - 9\lambda_4 - 5\lambda_5 - 5\lambda_6 - \lambda_7 - 9\lambda_8 - \lambda_9 - 9\lambda_{10} \geq 0$	$(1,0,2,6,8,4,5,3,7,9)$
	$3\lambda_1 + 7\lambda_2 - 5\lambda_3 - 5\lambda_4 - \lambda_5 - 9\lambda_6 - \lambda_7 - 9\lambda_8 - \lambda_9 - 9\lambda_{10} \geq 0$	$(1,0,4,6,8,2,3,5,7,9)$
$(3,1,1,-1,-1,-1,-3,-3,-3,-5)$	$3\lambda_1 + \lambda_2 + \lambda_3 - 5\lambda_4 - 3\lambda_5 - 3\lambda_6 - \lambda_7 - \lambda_8 - \lambda_9 - 3\lambda_{10} \geq 0$	$(0,1,2,6,7,8,4,5,9,3)$
	$3\lambda_1 + \lambda_2 + \lambda_3 - 5\lambda_4 - \lambda_5 - 3\lambda_6 - 3\lambda_7 - 3\lambda_8 - \lambda_9 - \lambda_{10} \geq 0$	$(0,1,2,4,8,9,5,6,7,3)$
	$3\lambda_1 + \lambda_2 - \lambda_3 - 3\lambda_4 + \lambda_5 - 5\lambda_6 - 3\lambda_7 - 3\lambda_8 - \lambda_9 - \lambda_{10} \geq 0$	$(0,1,4,2,8,9,3,6,7,5)$
	$3\lambda_1 - 3\lambda_2 - \lambda_3 + \lambda_4 + \lambda_5 - \lambda_6 - 5\lambda_7 - 3\lambda_8 - 3\lambda_9 - \lambda_{10} \geq 0$	$(0,3,4,2,5,9,1,7,8,6)$
	$3\lambda_1 - \lambda_2 + \lambda_3 - 3\lambda_4 + \lambda_5 - 5\lambda_6 - 3\lambda_7 - \lambda_8 - 3\lambda_9 - \lambda_{10} \geq 0$	$(0,2,4,1,7,9,3,6,8,5)$
	$3\lambda_1 - \lambda_2 + \lambda_3 - 3\lambda_4 + \lambda_5 - 3\lambda_6 - 5\lambda_7 - 3\lambda_8 - \lambda_9 - \lambda_{10} \geq 0$	$(0,2,4,1,8,9,3,5,7,6)$
	$3\lambda_1 + \lambda_2 - 3\lambda_3 - 3\lambda_4 - \lambda_5 - \lambda_6 + \lambda_7 - 5\lambda_8 - \lambda_9 - 3\lambda_{10} \geq 0$	$(0,1,6,4,5,8,2,3,9,7)$
	$3\lambda_1 - 3\lambda_2 + \lambda_3 - \lambda_4 - \lambda_5 + \lambda_6 - 5\lambda_7 - 3\lambda_8 - 3\lambda_9 - \lambda_{10} \geq 0$	$(0,2,5,3,4,9,1,7,8,6)$
	$3\lambda_1 + \lambda_2 - 3\lambda_3 - 3\lambda_4 - \lambda_5 - \lambda_6 - \lambda_7 - 3\lambda_8 + \lambda_9 - 5\lambda_{10} \geq 0$	$(0,1,8,4,5,6,2,3,7,9)$
	$3\lambda_1 + \lambda_2 - \lambda_3 - 3\lambda_4 - 3\lambda_5 - 3\lambda_6 - \lambda_7 - \lambda_8 + \lambda_9 - 5\lambda_{10} \geq 0$	$(0,1,8,2,6,7,3,4,5,9)$
	$-\lambda_1 + \lambda_2 + 3\lambda_3 - 3\lambda_4 + \lambda_5 - \lambda_6 - 5\lambda_7 - 3\lambda_8 - 3\lambda_9 - \lambda_{10} \geq 0$	$(2,1,4,0,5,9,3,7,8,6)$
	$\lambda_1 - \lambda_2 + 3\lambda_3 - 3\lambda_4 - \lambda_5 + \lambda_6 - 5\lambda_7 - 3\lambda_8 - 3\lambda_9 - \lambda_{10} \geq 0$	$(2,0,5,1,4,9,3,7,8,6)$
	$\lambda_1 - \lambda_2 + \lambda_3 - \lambda_4 + 3\lambda_5 - 5\lambda_6 - 3\lambda_7 - 3\lambda_8 - 3\lambda_9 - \lambda_{10} \geq 0$	$(4,0,2,1,3,9,6,7,8,5)$
	$-\lambda_1 + \lambda_2 + \lambda_3 - \lambda_4 + 3\lambda_5 - 5\lambda_6 - 3\lambda_7 - 3\lambda_8 - \lambda_9 - 3\lambda_{10} \geq 0$	$(4,1,2,0,3,8,6,7,9,5)$
	$-\lambda_1 + \lambda_2 + \lambda_3 - \lambda_4 + 3\lambda_5 - 3\lambda_6 - 5\lambda_7 - 3\lambda_8 - 3\lambda_9 - \lambda_{10} \geq 0$	$(4,1,2,0,3,9,5,7,8,6)$
	$\lambda_1 - \lambda_2 - \lambda_3 + \lambda_4 + 3\lambda_5 - 5\lambda_6 - 3\lambda_7 - 3\lambda_8 - \lambda_9 - 3\lambda_{10} \geq 0$	$(4,0,3,1,2,8,6,7,9,5)$
	$\lambda_1 - \lambda_2 - \lambda_3 + \lambda_4 + 3\lambda_5 - 3\lambda_6 - 5\lambda_7 - 3\lambda_8 - 3\lambda_9 - \lambda_{10} \geq 0$	$(4,0,3,1,2,9,5,7,8,6)$
$(5,5,1,1,-3,-3,-7,-7,-11,-11)$	$5\lambda_1 + \lambda_2 + 5\lambda_3 - 11\lambda_4 + \lambda_5 - 11\lambda_6 - 7\lambda_7 - 7\lambda_8 - 3\lambda_9 - 3\lambda_{10} \geq 0$	$(0,2,1,4,8,9,6,7,3,5)$
	$\lambda_1 + 5\lambda_2 + 5\lambda_3 - 11\lambda_4 + \lambda_5 - 7\lambda_6 - 11\lambda_7 - 7\lambda_8 - 3\lambda_9 - 3\lambda_{10} \geq 0$	$(1,2,0,4,8,9,5,7,3,6)$
	$\lambda_1 + 5\lambda_2 + \lambda_3 - 7\lambda_4 + 5\lambda_5 - 11\lambda_6 - 11\lambda_7 - 7\lambda_8 - 3\lambda_9 - 3\lambda_{10} \geq 0$	$(1,4,0,2,8,9,3,7,5,6)$
	$\lambda_1 + \lambda_2 + 5\lambda_3 - 7\lambda_4 + 5\lambda_5 - 11\lambda_6 - 7\lambda_7 - 11\lambda_8 - 3\lambda_9 - 3\lambda_{10} \geq 0$	$(2,4,0,1,8,9,3,6,5,7)$
$(2,1,0,0,-1,-1,-2,-2,-3,-3)$	$2\lambda_1 + \lambda_2 - 3\lambda_4 - 3\lambda_6 - 2\lambda_7 - \lambda_8 - 2\lambda_9 - \lambda_{10} \geq 0$	$(0,1,2,4,7,9,6,8,3,5)$
	$2\lambda_1 + \lambda_2 - 3\lambda_4 - 2\lambda_5 - \lambda_6 - 3\lambda_8 - 2\lambda_9 - \lambda_{10} \geq 0$	$(0,1,2,6,5,9,4,8,3,7)$

Inequality	Tuple
$2\lambda_1 + \lambda_2 - 2\lambda_3 - \lambda_4 - 3\lambda_6 - 3\lambda_8 - 2\lambda_9 - \lambda_{10} \geq 0$	$(0,1,4,6,3,9,2,8,5,7)$
$2\lambda_1 - 2\lambda_2 + \lambda_3 - \lambda_4 - 3\lambda_7 - 3\lambda_8 - 2\lambda_9 - \lambda_{10} \geq 0$	$(0,2,4,5,3,9,1,8,6,7)$
$2\lambda_1 + \lambda_2 - 3\lambda_4 - 2\lambda_5 - \lambda_6 - 2\lambda_7 - \lambda_8 - 3\lambda_{10} \geq 0$	$(0,1,2,8,5,7,4,6,3,9)$
$2\lambda_1 + \lambda_2 - 2\lambda_3 - \lambda_4 - 3\lambda_6 - 2\lambda_7 - \lambda_8 - 3\lambda_{10} \geq 0$	$(0,1,4,8,3,7,2,6,5,9)$
$2\lambda_1 + \lambda_2 - 2\lambda_3 - \lambda_4 - 2\lambda_5 - \lambda_6 - 3\lambda_8 - 3\lambda_{10} \geq 0$	$(0,1,6,8,3,5,2,4,7,9)$
$2\lambda_1 + \lambda_3 - 3\lambda_4 - 3\lambda_6 - 2\lambda_7 - \lambda_8 - \lambda_9 - 2\lambda_{10} \geq 0$	$(0,2,1,4,7,8,6,9,3,5)$
$2\lambda_1 + \lambda_3 - 3\lambda_4 - 2\lambda_6 - 3\lambda_7 - \lambda_8 - 2\lambda_9 - \lambda_{10} \geq 0$	$(0,2,1,4,7,9,5,8,3,6)$
$2\lambda_1 + \lambda_3 - 3\lambda_4 - 2\lambda_5 - \lambda_7 - 3\lambda_8 - 2\lambda_9 - \lambda_{10} \geq 0$	$(0,2,1,5,6,9,4,8,3,7)$
$2\lambda_2 + \lambda_3 - 3\lambda_4 - 2\lambda_6 - \lambda_7 - 3\lambda_8 - 2\lambda_9 - \lambda_{10} \geq 0$	$(1,2,0,4,6,9,5,8,3,7)$
$2\lambda_1 + \lambda_3 - 3\lambda_4 - \lambda_5 - 2\lambda_6 - 2\lambda_7 - \lambda_8 - 3\lambda_{10} \geq 0$	$(0,2,1,8,4,7,5,6,3,9)$
$2\lambda_1 - \lambda_2 - \lambda_3 + \lambda_5 - 3\lambda_6 - 2\lambda_7 - 2\lambda_8 - 3\lambda_{10} \geq 0$	$(0,4,3,8,1,2,6,7,5,9)$
$2\lambda_1 - 2\lambda_4 + \lambda_5 - 3\lambda_6 - 3\lambda_7 - \lambda_8 - 2\lambda_9 - \lambda_{10} \geq 0$	$(0,4,1,2,7,9,3,8,5,6)$
$2\lambda_1 - 2\lambda_3 + \lambda_5 - 3\lambda_6 - \lambda_7 - 3\lambda_8 - 2\lambda_9 - \lambda_{10} \geq 0$	$(0,4,1,3,6,9,2,8,5,7)$
$2\lambda_1 - 2\lambda_2 + \lambda_5 - \lambda_6 - 3\lambda_7 - 3\lambda_8 - 2\lambda_9 - \lambda_{10} \geq 0$	$(0,4,2,3,5,9,1,8,6,7)$
$2\lambda_2 - 2\lambda_4 + \lambda_5 - 3\lambda_6 - \lambda_7 - 3\lambda_8 - 2\lambda_9 - \lambda_{10} \geq 0$	$(1,4,0,2,6,9,3,8,5,7)$
$2\lambda_3 - 2\lambda_4 + \lambda_5 - \lambda_6 - 3\lambda_7 - 3\lambda_8 - 2\lambda_9 - \lambda_{10} \geq 0$	$(2,4,0,1,5,9,3,8,6,7)$
$\lambda_1 + 2\lambda_2 - 3\lambda_4 - 3\lambda_6 - 2\lambda_7 - \lambda_8 - \lambda_9 - 2\lambda_{10} \geq 0$	$(1,0,2,4,7,8,6,9,3,5)$
$\lambda_1 + 2\lambda_2 - 3\lambda_4 - 3\lambda_6 - \lambda_7 - 2\lambda_8 - 2\lambda_9 - \lambda_{10} \geq 0$	$(1,0,2,4,6,9,7,8,3,5)$
$\lambda_1 + 2\lambda_3 - 3\lambda_4 - \lambda_6 - 3\lambda_7 - 2\lambda_8 - 2\lambda_9 - \lambda_{10} \geq 0$	$(2,0,1,4,5,9,7,8,3,6)$
$\lambda_1 - \lambda_4 + 2\lambda_5 - 3\lambda_6 - 3\lambda_7 - 2\lambda_8 - 2\lambda_9 - \lambda_{10} \geq 0$	$(4,0,1,2,3,9,7,8,5,6)$
$\lambda_1 + 2\lambda_3 - 3\lambda_4 - \lambda_5 - 3\lambda_7 - 2\lambda_8 - \lambda_9 - 2\lambda_{10} \geq 0$	$(2,0,1,5,4,8,7,9,3,6)$
$\lambda_1 - \lambda_3 + 2\lambda_5 - 3\lambda_6 - 3\lambda_7 - 2\lambda_8 - \lambda_9 - 2\lambda_{10} \geq 0$	$(4,0,1,3,2,8,7,9,5,6)$
$\lambda_1 + 2\lambda_2 - 3\lambda_4 - 2\lambda_5 - \lambda_6 - 3\lambda_8 - \lambda_9 - 2\lambda_{10} \geq 0$	$(1,0,2,6,5,8,4,9,3,7)$
$\lambda_1 + 2\lambda_2 - 3\lambda_4 - \lambda_5 - 2\lambda_6 - 3\lambda_8 - 2\lambda_9 - \lambda_{10} \geq 0$	$(1,0,2,6,4,9,5,8,3,7)$
$\lambda_1 + 2\lambda_3 - 3\lambda_4 - \lambda_5 - 2\lambda_7 - 3\lambda_8 - 2\lambda_9 - \lambda_{10} \geq 0$	$(2,0,1,5,4,9,6,8,3,7)$
$\lambda_1 - \lambda_3 + 2\lambda_5 - 3\lambda_6 - 2\lambda_7 - 3\lambda_8 - 2\lambda_9 - \lambda_{10} \geq 0$	$(4,0,1,3,2,9,6,8,5,7)$
$\lambda_1 - \lambda_2 + 2\lambda_5 - 3\lambda_6 - 2\lambda_7 - 3\lambda_8 - \lambda_9 - 2\lambda_{10} \geq 0$	$(4,0,2,3,1,8,6,9,5,7)$
$\lambda_1 + 2\lambda_2 - 2\lambda_3 - \lambda_4 - 3\lambda_6 - 3\lambda_8 - \lambda_9 - 2\lambda_{10} \geq 0$	$(1,0,4,6,3,8,2,9,5,7)$
$\lambda_1 + 2\lambda_2 - \lambda_3 - 2\lambda_4 - 3\lambda_6 - 3\lambda_8 - 2\lambda_9 - \lambda_{10} \geq 0$	$(1,0,4,6,2,9,3,8,5,7)$
$\lambda_1 - \lambda_2 + 2\lambda_3 - 2\lambda_4 - 3\lambda_7 - 3\lambda_8 - 2\lambda_9 - \lambda_{10} \geq 0$	$(2,0,4,5,1,9,3,8,6,7)$
$\lambda_1 - \lambda_2 + 2\lambda_5 - 2\lambda_6 - 3\lambda_7 - 3\lambda_8 - 2\lambda_9 - \lambda_{10} \geq 0$	$(4,0,2,3,1,9,5,8,6,7)$

	$\lambda_1 + 2\lambda_2 - 3\lambda_4 - 2\lambda_5 - \lambda_6 - \lambda_7 - 2\lambda_8 - 3\lambda_{10} \geq 0$	$(1,0,2,8,5,6,4,7,3,9)$
	$\lambda_1 + 2\lambda_2 - 3\lambda_4 - \lambda_5 - 2\lambda_6 - 2\lambda_7 - \lambda_8 - 3\lambda_{10} \geq 0$	$(1,0,2,8,4,7,5,6,3,9)$
	$\lambda_1 + 2\lambda_2 - 2\lambda_3 - \lambda_4 - 3\lambda_6 - \lambda_7 - 2\lambda_8 - 3\lambda_{10} \geq 0$	$(1,0,4,8,3,6,2,7,5,9)$
	$\lambda_1 + 2\lambda_2 - \lambda_3 - 2\lambda_4 - 3\lambda_6 - 2\lambda_7 - \lambda_8 - 3\lambda_{10} \geq 0$	$(1,0,4,8,2,7,3,6,5,9)$
	$\lambda_1 + 2\lambda_2 - 2\lambda_3 - \lambda_4 - \lambda_5 - 2\lambda_6 - 3\lambda_8 - 3\lambda_{10} \geq 0$	$(1,0,6,8,3,4,2,5,7,9)$
	$\lambda_1 + 2\lambda_2 - \lambda_3 - 2\lambda_4 - 2\lambda_5 - \lambda_6 - 3\lambda_8 - 3\lambda_{10} \geq 0$	$(1,0,6,8,2,5,3,4,7,9)$
	$\lambda_2 + 2\lambda_3 - 3\lambda_4 - \lambda_6 - 3\lambda_7 - 2\lambda_8 - \lambda_9 - 2\lambda_{10} \geq 0$	$(2,1,0,4,5,8,7,9,3,6)$
	$\lambda_2 - \lambda_4 + 2\lambda_5 - 3\lambda_6 - 3\lambda_7 - 2\lambda_8 - \lambda_9 - 2\lambda_{10} \geq 0$	$(4,1,0,2,3,8,7,9,5,6)$
	$\lambda_2 + 2\lambda_3 - 3\lambda_4 - 2\lambda_6 - \lambda_7 - 3\lambda_8 - \lambda_9 - 2\lambda_{10} \geq 0$	$(2,1,0,4,6,8,5,9,3,7)$
	$\lambda_2 + 2\lambda_3 - 3\lambda_4 - \lambda_6 - 2\lambda_7 - 3\lambda_8 - 2\lambda_9 - \lambda_{10} \geq 0$	$(2,1,0,4,5,9,6,8,3,7)$
	$\lambda_2 - \lambda_4 + 2\lambda_5 - 3\lambda_6 - 2\lambda_7 - 3\lambda_8 - 2\lambda_9 - \lambda_{10} \geq 0$	$(4,1,0,2,3,9,6,8,5,7)$
	$\lambda_3 - \lambda_4 + 2\lambda_5 - 3\lambda_6 - 2\lambda_7 - 3\lambda_8 - \lambda_9 - 2\lambda_{10} \geq 0$	$(4,2,0,1,3,8,6,9,5,7)$
	$\lambda_3 - \lambda_4 + 2\lambda_5 - 2\lambda_6 - 3\lambda_7 - 3\lambda_8 - 2\lambda_9 - \lambda_{10} \geq 0$	$(4,2,0,1,3,9,5,8,6,7)$
$(3,1,0,0,-1,-2,-2,-3,-4,-4)$	$3\lambda_1 + \lambda_2 - 4\lambda_4 - 4\lambda_6 - 3\lambda_7 - 2\lambda_8 - 2\lambda_9 - \lambda_{10} \geq 0$	$(0,1,2,4,9,7,8,6,3,5)$
	$3\lambda_1 + \lambda_2 - 4\lambda_4 - 3\lambda_5 - 2\lambda_6 - 2\lambda_7 - \lambda_8 - 4\lambda_{10} \geq 0$	$(0,1,2,8,7,5,6,4,3,9)$
	$3\lambda_1 + \lambda_2 - 3\lambda_3 - 2\lambda_4 - 2\lambda_5 - \lambda_6 - 4\lambda_8 - 4\lambda_{10} \geq 0$	$(0,1,6,8,5,3,4,2,7,9)$
	$3\lambda_1 + \lambda_3 - 4\lambda_4 - 4\lambda_6 - 3\lambda_7 - 2\lambda_8 - \lambda_9 - 2\lambda_{10} \geq 0$	$(0,2,1,4,8,7,9,6,3,5)$
	$3\lambda_1 + \lambda_3 - 4\lambda_4 - 3\lambda_6 - 4\lambda_7 - 2\lambda_8 - 2\lambda_9 - \lambda_{10} \geq 0$	$(0,2,1,4,9,7,8,5,3,6)$
	$3\lambda_1 + \lambda_3 - 4\lambda_4 - 2\lambda_5 - 3\lambda_6 - 2\lambda_7 - \lambda_8 - 4\lambda_{10} \geq 0$	$(0,2,1,8,7,4,6,5,3,9)$
	$3\lambda_1 - 2\lambda_2 - \lambda_3 + \lambda_5 - 4\lambda_6 - 3\lambda_7 - 2\lambda_8 - 4\lambda_{10} \geq 0$	$(0,4,3,8,2,1,7,6,5,9)$
	$3\lambda_1 - 3\lambda_4 + \lambda_5 - 4\lambda_6 - 4\lambda_7 - 2\lambda_8 - 2\lambda_9 - \lambda_{10} \geq 0$	$(0,4,1,2,9,7,8,3,5,6)$
	$\lambda_1 - \lambda_2 + 3\lambda_5 - 4\lambda_6 - 4\lambda_7 - 3\lambda_8 - 2\lambda_9 - 2\lambda_{10} \geq 0$	$(4,0,2,3,1,8,9,7,5,6)$
	$\lambda_3 - \lambda_4 + 3\lambda_5 - 4\lambda_6 - 4\lambda_7 - 3\lambda_8 - 2\lambda_9 - 2\lambda_{10} \geq 0$	$(4,2,0,1,3,8,9,7,5,6)$
$(2,1,1,0,-1,-1,-2,-3,-3,-4)$	$\lambda_1 + \lambda_2 + 2\lambda_3 - 4\lambda_4 - 3\lambda_6 - 3\lambda_7 - 2\lambda_8 - \lambda_9 - \lambda_{10} \geq 0$	$(2,0,1,4,8,9,7,5,6,3)$
	$\lambda_2 + \lambda_3 - 2\lambda_4 + 2\lambda_5 - 4\lambda_6 - 3\lambda_7 - 3\lambda_8 - \lambda_9 - \lambda_{10} \geq 0$	$(4,1,2,0,8,9,3,6,7,5)$
$(9,5,1,1,-3,-7,-7,-11,-15,-15)$	$9\lambda_1 + \lambda_2 + 5\lambda_3 - 15\lambda_4 + \lambda_5 - 15\lambda_6 - 11\lambda_7 - 7\lambda_8 - 7\lambda_9 - 3\lambda_{10} \geq 0$	$(0,2,1,4,9,7,8,6,3,5)$
	$\lambda_1 + 5\lambda_2 + 9\lambda_3 - 15\lambda_4 + \lambda_5 - 7\lambda_6 - 15\lambda_7 - 11\lambda_8 - 7\lambda_9 - 3\lambda_{10} \geq 0$	$(2,1,0,4,9,5,8,7,3,6)$
	$\lambda_1 + 5\lambda_2 + \lambda_3 - 7\lambda_4 + 9\lambda_5 - 15\lambda_6 - 15\lambda_7 - 11\lambda_8 - 7\lambda_9 - 3\lambda_{10} \geq 0$	$(4,1,0,2,9,3,8,7,5,6)$
	$\lambda_1 + \lambda_2 + 5\lambda_3 - 7\lambda_4 + 9\lambda_5 - 15\lambda_6 - 15\lambda_7 - 11\lambda_8 - 3\lambda_9 - 7\lambda_{10} \geq 0$	$(4,2,0,1,8,3,9,7,5,6)$
	$\lambda_1 + \lambda_2 + 5\lambda_3 - 7\lambda_4 + 9\lambda_5 - 15\lambda_6 - 11\lambda_7 - 15\lambda_8 - 7\lambda_9 - 3\lambda_{10} \geq 0$	$(4,2,0,1,9,3,8,6,5,7)$
$(3,2,1,0,-1,-2,-3,-4,-5,-6)$	$2\lambda_1 + \lambda_2 + 3\lambda_3 - 6\lambda_4 - 5\lambda_6 - 4\lambda_7 - 3\lambda_8 - 2\lambda_9 - \lambda_{10} \geq 0$	$(2,0,1,4,9,8,7,6,5,3)$

$2\lambda_2 + \lambda_3 - 3\lambda_4 + 3\lambda_5 - 6\lambda_6 - 5\lambda_7 - 4\lambda_8 - 2\lambda_9 - \lambda_{10} \geq 0$	$(4, 1, 2, 0, 9, 8, 3, 7, 6, 5)$
$\lambda_1 + 2\lambda_2 + 3\lambda_3 - 6\lambda_4 - 5\lambda_6 - 4\lambda_7 - 3\lambda_8 - \lambda_9 - 2\lambda_{10} \geq 0$	$(2, 1, 0, 4, 8, 9, 7, 6, 5, 3)$
$\lambda_1 + 2\lambda_2 + 3\lambda_3 - 6\lambda_4 - 4\lambda_6 - 5\lambda_7 - 3\lambda_8 - 2\lambda_9 - \lambda_{10} \geq 0$	$(2, 1, 0, 4, 9, 8, 7, 5, 6, 3)$
$\lambda_2 + 2\lambda_3 - 3\lambda_4 + 3\lambda_5 - 6\lambda_6 - 5\lambda_7 - 4\lambda_8 - \lambda_9 - 2\lambda_{10} \geq 0$	$(4, 2, 1, 0, 8, 9, 3, 7, 6, 5)$
$\lambda_2 + 2\lambda_3 - 3\lambda_4 + 3\lambda_5 - 6\lambda_6 - 4\lambda_7 - 5\lambda_8 - 2\lambda_9 - \lambda_{10} \geq 0$	$(4, 2, 1, 0, 9, 8, 3, 6, 7, 5)$