Table 1: Ferminonic case $\wedge^3\mathbb{C}^{11}$

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

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

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

| | | |
|---|---|---|
| | $\lambda_1 + 2\lambda_2 - 3\lambda_3 - \lambda_4 - 2\lambda_5 - \lambda_6 + \lambda_8 - 3\lambda_9 - 2\lambda_{10} - \lambda_{11} \leq 0$ | $(1, 0, 7, 6, 3, 5, 10, 4, 9, 2, 8)$ |
| | $-\lambda_1 + \lambda_3 + 2\lambda_4 - 3\lambda_5 - 2\lambda_6 - \lambda_7 + \lambda_8 - 3\lambda_9 - 2\lambda_{10} - \lambda_{11} \leq 0$ | $(3, 2, 7, 1, 0, 6, 10, 5, 9, 4, 8)$ |
| | $\lambda_1 + \lambda_2 - 2\lambda_3 + 2\lambda_4 - 3\lambda_5 - 3\lambda_6 - 2\lambda_8 - \lambda_9 - \lambda_{10} - \lambda_{11} \leq 0$ | $(3, 0, 1, 6, 8, 9, 10, 2, 7, 4, 5)$ |
| | $\lambda_1 - 2\lambda_2 + \lambda_3 + 2\lambda_4 - 3\lambda_5 - 3\lambda_7 - 2\lambda_8 - \lambda_9 - \lambda_{10} - \lambda_{11} \leq 0$ | $(3, 0, 2, 5, 8, 9, 10, 1, 7, 4, 6)$ |
| | $-2\lambda_1 + \lambda_2 + \lambda_3 + 2\lambda_4 - 3\lambda_6 - 3\lambda_7 - 2\lambda_8 - \lambda_9 - \lambda_{10} - \lambda_{11} \leq 0$ | $(3, 1, 2, 4, 8, 9, 10, 0, 7, 5, 6)$ |
| | $\lambda_1 + \lambda_2 - 2\lambda_3 + 2\lambda_4 - 3\lambda_5 - 3\lambda_6 - \lambda_7 - \lambda_8 - 2\lambda_{10} - \lambda_{11} \leq 0$ | $(3, 0, 1, 8, 6, 7, 10, 2, 9, 4, 5)$ |
| $(8, 5, 2, -1, -1, -4, -4, -7, -7, -10, -13)$ | $-7\lambda_1 + 8\lambda_2 - \lambda_3 + 2\lambda_4 + 5\lambda_5 - 13\lambda_6 - 10\lambda_7 - 7\lambda_8 - 4\lambda_9 - 4\lambda_{10} - \lambda_{11} \leq 0$ | $(1, 4, 3, 2, 10, 8, 9, 0, 7, 6, 5)$ |
| | $5\lambda_1 + 8\lambda_2 - 13\lambda_3 + 2\lambda_4 - 10\lambda_5 - 7\lambda_6 - \lambda_7 - 7\lambda_8 - 4\lambda_9 - 4\lambda_{10} - \lambda_{11} \leq 0$ | $(1, 0, 3, 6, 10, 8, 9, 5, 7, 4, 2)$ |
| | $5\lambda_1 + 8\lambda_2 - 13\lambda_3 + 2\lambda_4 - 10\lambda_5 - 7\lambda_6 - 4\lambda_7 - \lambda_8 - 7\lambda_9 - 4\lambda_{10} - \lambda_{11} \leq 0$ | $(1, 0, 3, 7, 10, 6, 9, 5, 8, 4, 2)$ |
| | $5\lambda_1 + 8\lambda_2 - 13\lambda_3 - 7\lambda_4 - \lambda_5 + 2\lambda_6 - 10\lambda_7 - 7\lambda_8 - 4\lambda_9 - 4\lambda_{10} - \lambda_{11} \leq 0$ | $(1, 0, 5, 4, 10, 8, 9, 3, 7, 6, 2)$ |
| | $2\lambda_1 + 5\lambda_2 - 7\lambda_3 + 8\lambda_4 - 13\lambda_5 - 10\lambda_6 - \lambda_7 - 7\lambda_8 - 4\lambda_9 - 4\lambda_{10} - \lambda_{11} \leq 0$ | $(3, 1, 0, 6, 10, 8, 9, 2, 7, 5, 4)$ |
| | $-7\lambda_1 + 2\lambda_2 + 5\lambda_3 + 8\lambda_4 - \lambda_5 - 13\lambda_6 - 10\lambda_7 - 7\lambda_8 - 4\lambda_9 - 4\lambda_{10} - \lambda_{11} \leq 0$ | $(3, 2, 1, 4, 10, 8, 9, 0, 7, 6, 5)$ |
| | $2\lambda_1 + 5\lambda_2 - 7\lambda_3 + 8\lambda_4 - 13\lambda_5 - 10\lambda_6 - 4\lambda_7 - 4\lambda_8 - \lambda_9 - 7\lambda_{10} - \lambda_{11} \leq 0$ | $(3, 1, 0, 8, 10, 6, 7, 2, 9, 5, 4)$ |
| $(3, 2, 1, 0, -1, -1, -2, -3, -3, -4, -5)$ | $-3\lambda_1 + 3\lambda_2 + \lambda_4 + 2\lambda_5 - 5\lambda_6 - 4\lambda_7 - 3\lambda_8 - 2\lambda_9 - \lambda_{10} - \lambda_{11} \leq 0$ | $(1, 4, 3, 2, 9, 10, 8, 0, 7, 6, 5)$ |
| | $2\lambda_1 + 3\lambda_2 - 5\lambda_3 + \lambda_4 - 4\lambda_5 - 3\lambda_6 - 3\lambda_8 - 2\lambda_9 - \lambda_{10} - \lambda_{11} \leq 0$ | $(1, 0, 3, 6, 9, 10, 8, 5, 7, 4, 2)$ |
| | $2\lambda_1 + 3\lambda_2 - 5\lambda_3 - 3\lambda_4 + \lambda_6 - 4\lambda_7 - 3\lambda_8 - 2\lambda_9 - \lambda_{10} - \lambda_{11} \leq 0$ | $(1, 0, 5, 4, 9, 10, 8, 3, 7, 6, 2)$ |
| | $\lambda_1 + 2\lambda_2 - 3\lambda_3 + 3\lambda_4 - 5\lambda_5 - 4\lambda_6 - 3\lambda_8 - 2\lambda_9 - \lambda_{10} - \lambda_{11} \leq 0$ | $(3, 1, 0, 6, 9, 10, 8, 2, 7, 5, 4)$ |
| | $-3\lambda_1 + \lambda_2 + 2\lambda_3 + 3\lambda_4 - 5\lambda_6 - 4\lambda_7 - 3\lambda_8 - 2\lambda_9 - \lambda_{10} - \lambda_{11} \leq 0$ | $(3, 2, 1, 4, 9, 10, 8, 0, 7, 6, 5)$ |
| | $\lambda_1 + 2\lambda_2 - 3\lambda_3 + 3\lambda_4 - 5\lambda_5 - 4\lambda_6 - 2\lambda_7 - \lambda_8 - 3\lambda_{10} - \lambda_{11} \leq 0$ | $(3, 1, 0, 8, 7, 10, 6, 2, 9, 5, 4)$ |
| $(3, 2, 1, 0, -1, -1, -2, -2, -3, -4, -5)$ | $3\lambda_1 + 2\lambda_2 - 5\lambda_3 + \lambda_4 - 4\lambda_5 - 3\lambda_6 - 2\lambda_7 - \lambda_8 - 2\lambda_9 - \lambda_{10} \leq 0$ | $(0, 1, 3, 10, 7, 9, 6, 8, 5, 4, 2)$ |
| | $3\lambda_1 + 2\lambda_2 - 5\lambda_3 - 3\lambda_4 - 2\lambda_5 - \lambda_6 - 2\lambda_7 - \lambda_8 + \lambda_{10} - 4\lambda_{11} \leq 0$ | $(0, 1, 9, 8, 5, 7, 4, 6, 3, 10, 2)$ |
| | $3\lambda_1 - 3\lambda_2 - 2\lambda_3 - \lambda_4 - 2\lambda_5 - \lambda_6 + 2\lambda_8 - 5\lambda_9 + \lambda_{10} - 4\lambda_{11} \leq 0$ | $(0, 7, 9, 6, 3, 5, 2, 4, 1, 10, 8)$ |
| | $3\lambda_1 + \lambda_2 - 4\lambda_3 + 2\lambda_4 - 5\lambda_5 - 3\lambda_6 - 2\lambda_7 - \lambda_8 - 2\lambda_9 - \lambda_{10} \leq 0$ | $(0, 3, 1, 10, 7, 9, 6, 8, 5, 2, 4)$ |
| | $3\lambda_1 + \lambda_2 - 4\lambda_3 - 3\lambda_4 - 2\lambda_5 - \lambda_6 - 2\lambda_7 - \lambda_8 + 2\lambda_{10} - 5\lambda_{11} \leq 0$ | $(0, 9, 1, 8, 5, 7, 4, 6, 3, 2, 10)$ |
| | $\lambda_1 + 3\lambda_2 - 4\lambda_3 + 2\lambda_4 - 3\lambda_5 - 5\lambda_6 - 2\lambda_7 - \lambda_8 - 2\lambda_9 - \lambda_{10} \leq 0$ | $(1, 3, 0, 10, 7, 9, 6, 8, 4, 2, 5)$ |
| | $3\lambda_1 - 3\lambda_2 - 2\lambda_3 - \lambda_4 - 2\lambda_5 - \lambda_6 + \lambda_8 - 4\lambda_9 + 2\lambda_{10} - 5\lambda_{11} \leq 0$ | $(0, 9, 7, 6, 3, 5, 2, 4, 1, 8, 10)$ |
| | $2\lambda_1 + 3\lambda_2 - 5\lambda_3 + \lambda_4 - 4\lambda_5 - 3\lambda_6 - \lambda_7 - 2\lambda_8 - 2\lambda_9 - \lambda_{10} \leq 0$ | $(1, 0, 3, 10, 6, 9, 7, 8, 5, 4, 2)$ |
| | $2\lambda_1 + 3\lambda_2 - 5\lambda_3 + \lambda_4 - 3\lambda_5 - 4\lambda_6 - 2\lambda_7 - \lambda_8 - 2\lambda_9 - \lambda_{10} \leq 0$ | $(1, 0, 3, 10, 7, 9, 6, 8, 4, 5, 2)$ |
| | $2\lambda_1 + \lambda_2 - 3\lambda_3 + 3\lambda_4 - 5\lambda_5 - 4\lambda_6 - 2\lambda_7 - \lambda_8 - 2\lambda_9 - \lambda_{10} \leq 0$ | $(3, 0, 1, 10, 7, 9, 6, 8, 2, 5, 4)$ |
| | $\lambda_1 + 2\lambda_2 - 3\lambda_3 + 3\lambda_4 - 5\lambda_5 - 4\lambda_6 - 2\lambda_7 - \lambda_8 - \lambda_9 - 2\lambda_{10} \leq 0$ | $(3, 1, 0, 10, 7, 8, 6, 9, 2, 5, 4)$ |
| | $\lambda_1 + 2\lambda_2 - 3\lambda_3 + 3\lambda_4 - 5\lambda_5 - 4\lambda_6 - \lambda_7 - 2\lambda_8 - 2\lambda_9 - \lambda_{10} \leq 0$ | $(3, 1, 0, 10, 6, 9, 7, 8, 2, 5, 4)$ |

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