

type A7, s=1, subset=[1, 2, 3, 4, 5, 6]

| | | | | | | | |
|-----------|-----------------------------|--|---|--------------|---|--|-----------------------------|
| $i+j=1$ | $\mathbb{C}L_{1,1,1,1,1,1}$ | | | | | | |
| $i+j=3$ | \mathbb{C} | $\mathbb{C}L_{1,1,1,1,1,1}L_{1,2,2,2,2,1}$ | | | | | |
| $i+j=5$ | \mathbb{C} | \mathbb{C} | $\mathbb{C}L_{1,1,1,1,1,1}L_{1,2,2,2,2,1}L_{1,2,3,3,3,2,1}$ | | | | |
| $i+j=7$ | \mathbb{C} | \mathbb{C} | \mathbb{C} | ??? | | | |
| $i+j=9$ | \mathbb{C} | \mathbb{C} | \mathbb{C} | \mathbb{C} | $\mathbb{C}L_{1,1,1,1,1,1}L_{1,2,2,2,2,1}L_{1,2,3,3,3,2,1}$ | | |
| $i+j=11$ | \mathbb{C} | \mathbb{C} | \mathbb{C} | \mathbb{C} | \mathbb{C} | $\mathbb{C}L_{1,1,1,1,1,1}L_{1,2,2,2,2,1}$ | |
| $i+j=13$ | \mathbb{C} | \mathbb{C} | \mathbb{C} | \mathbb{C} | \mathbb{C} | \mathbb{C} | $\mathbb{C}L_{1,1,1,1,1,1}$ |
| $h^{i,j}$ | $j-i=1$ | $j-i=3$ | $j-i=5$ | $j-i=7$ | $j-i=9$ | $j-i=11$ | $j-i=13$ |

| | | | | | | | |
|-----------|---------|---------|---------|---------|---------|----------|----------|
| $i+j=1$ | 64 | | | | | | |
| $i+j=3$ | 1 | 784 | | | | | |
| $i+j=5$ | 1 | 1 | 3136 | | | | |
| $i+j=7$ | 1 | 1 | 1 | -1 | | | |
| $i+j=9$ | 1 | 1 | 1 | 1 | 3136 | | |
| $i+j=11$ | 1 | 1 | 1 | 1 | 1 | 784 | |
| $i+j=13$ | 1 | 1 | 1 | 1 | 1 | 1 | 64 |
| $h^{i,j}$ | $j-i=1$ | $j-i=3$ | $j-i=5$ | $j-i=7$ | $j-i=9$ | $j-i=11$ | $j-i=13$ |

| | module | multiplicity | dimension |
|--|--------------|--------------|-----------|
| | all | | 7989 |
| | \mathbb{C} | 27 | 1 |
| $L(\alpha_1 + \alpha_2 + \alpha_3 + \alpha_4 + \alpha_5 + \alpha_6 + \alpha_7)$ | | 6 | 63 |
| $L(\alpha_1 + 2\alpha_2 + 2\alpha_3 + 2\alpha_4 + 2\alpha_5 + 2\alpha_6 + \alpha_7)$ | | 4 | 720 |
| $L(\alpha_1 + 2\alpha_2 + 3\alpha_3 + 3\alpha_4 + 3\alpha_5 + 2\alpha_6 + \alpha_7)$ | | 2 | 2352 |