## type A2, s=9, subset=[]

i+j=1 |  $L_{2,1}L_{1,2}L_{2,2}^3L_{2,2}^4L_{2,3}^4L_{2,3}^4L_{4,2}L_{3,3}^6L_{2,4}L_{4,3}^3L_{3,4}^3L_{4,4}^4L_{5,4}L_{4,5}L_{5,5}$ 

 $L_{1,1}L_{2,1}^4L_{1,2}^4L_{2,2}^{10}L_{3,2}^{10}L_{2,3}^{10}L_{2,3}^4L_{4,2}^{17}L_{3,3}^4L_{2,4}^{10}L_{4,3}^{10}L_{3,4}^{10}L_{5,3}L_{4,4}^{10}L_{3,5}L_{5,4}^4L_{4,5}^4L_{5,5}^2$ 

 $L_{2,1}L_{1,2}L_{2,2}^3L_{3,2}^4L_{2,3}^4L_{4,2}L_{3,3}^6L_{2,4}L_{4,3}^3L_{3,4}^3L_{4,4}^4L_{5,4}L_{4,5}L_{5,5}$ 

j-i=5

 $L_{4.4}^2 L_{5.4}^{2^{'}} L_{4.5}^{2^{'}} L_{5.5}^{2^{'}}$ 

i-i=3

```
i+j=3 L_{4,4}^2L_{5,4}^2L_{4,5}^{2'}L_{5,5}^{2'}
i + j = 5
  h^{i,j}
          j-i=1
i+j=1 | 2331
          1298
                     7064
i+j=3
                     1298
i+j=5 | 0
                                2331
  h^{i,j}
          i-i=1 i-i=3 i-i=5
         module multiplicity
                                          dimension
                all
                                          14322
 L\left(2\alpha_1+\alpha_2\right) 6
                                          10
 L\left(\alpha_1+2\alpha_2\right) 6
                                          10
L(2\alpha_1 + 2\alpha_2) 16
L\left(3\alpha_1+2\alpha_2\right) 18
                                          35
L(2\alpha_1 + 3\alpha_2) 18
                                          35
L\left(4\alpha_1+2\alpha_2\right) 6
                                          28
L(3\alpha_1 + 3\alpha_2) 29
                                          64
L\left(2\alpha_1+4\alpha_2\right)
                                          28
L(4\alpha_1 + 3\alpha_2) 16
                                          81
L(3\alpha_1 + 4\alpha_2) 16
                                          81
L\left(4\alpha_1+4\alpha_2\right) 22
                                          125
L(5\alpha_1 + 4\alpha_2) 10
                                          154
L(4\alpha_1 + 5\alpha_2) 10
                                          154
L(5\alpha_1 + 5\alpha_2) 8
                                          216
   L(\alpha_1 + \alpha_2) 1
                                          8
L(5\alpha_1 + 3\alpha_2) 1
                                          80
L(3\alpha_1 + 5\alpha_2) 1
                                          80
```