type G2, s=2, subset=[]

```
i+j=0 \mid L_{3,2}
                                         \begin{bmatrix} L_{3,2} \\ L_{2,1}L_{3,2}^2 & L_{3,2}^3L_{6,3} \\ L_{2,1}L_{3,2}^2 & L_{2,1}^5L_{3,2}^7L_{4,2}L_{5,3}L_{6,3}^2 & L_{3,2}^3L_{6,3} \\ E_{3,2} & \mathbb{C}L_{2,1}^9L_{3,2}^6L_{4,2}L_{5,3}^3L_{6,3}^2 & L_{2,1}^5L_{3,2}^7L_{4,2}L_{5,3}L_{6,3}^2 & L_{2,1}^3L_{3,2}L_{4,2}L_{5,3}L_{6,3}^2 \\ 0 & \mathbb{C}^3L_{2,1}^4L_{3,2}^2L_{2,2}^4L_{6,3} & \mathbb{C}^4L_{2,1}^4L_{3,2}^4L_{2,2}^4L_{5,3}L_{6,3}^4 & L_{2,1}^5L_{3,2}^7L_{4,2}L_{5,3}L_{6,3}^2 \\ \mathbb{C}^3L_{2,1}^4L_{3,2}^2L_{2,2}^4L_{6,3} & \mathbb{C}L_{2,1}^9L_{3,2}^6L_{4,2}^4L_{2,3}^2L_{6,3}^2 \\ \mathbb{C}^3L_{2,1}^4L_{3,2}^2L_{2,2}^4L_{6,3} & \mathbb{C}L_{2,1}^9L_{3,2}^6L_{4,2}^4L_{2,3}^2L_{6,3}^2 \\ \mathbb{C}L_{3,2} & \mathbb{C}L_{3,2}^9L_{4,2}^4L_{3,2}^2L_{2,3}^2L_{4,2}^2L_{6,3} \\ \mathbb{C}L_{3,2} & \mathbb{C}L_{3,2}^9L_{4,2}^4L_{3,2}^2L_{3,2}^4L_{3,2}^2L_{4,2}^2L_{6,3} \\ \mathbb{C}L_{3,2} & \mathbb{C}L_{3,2}^9L_{4,2}^4L_{3,2}^2L_{3,2}^4L_{3,2}^2L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4L_{3,2}^4
        i+j=2
      i+j=6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      \begin{array}{ccc} L^3_{3,2}L_{6,3} & & & \\ L^5_{2,1}L^7_{3,2}L_{4,2}L_{5,3}L^2_{6,3} & L^3_{3,2}L_{6,3} \\ L^2_{2,1}L^2_{3,2} & & L_{2,1}L^2_{3,2} \end{array}
      i+j=8
 i + j = 10
i+j=12 | 0
                                                                  j-i=0
                                                                                                                                                        i-i=2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        i-i=6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            i-i=8
                                                                                                                                                                                                                                                                                                                                                            i-i=4
        i+j=0 | 14
                                                                                                                               119
        i+j=2
                                                                                                                                 378
                                                                                                                                                                                               119
      i+j=4
                                                                                                                                 511
                                                                                                                                                                                                378
                                                                                                                                                                                                                                                           119
        i+j=6
                                                                                                                               190
                                                                                                                                                                                               889
                                                                                                                                                                                                                                                            378
      i+j=8
                                                                                                                                                                                                                                                                                                                        119
                                                                                                                                                                                                190
                                                                                                                                                                                                                                                            511
                                                                                                                                                                                                                                                                                                                          378
                                                                                                                                                                                                                                                                                                                                                                                      119
 i + j = 10
                                                                                                                                                                                                                                                            14
                                                                                                                                                                                                                                                                                                                                                                                                                                                           14
 i + j = 12
```

i - i = 12

i - i = 12

module	multiplicity	dimension
all		4616
$L\left(3\alpha_1+2\alpha_2\right)$	78	14
$L\left(2\alpha_1+\alpha_2\right)$	67	7
$L\left(6\alpha_1+3\alpha_2\right)$	23	77
$L\left(4\alpha_1+2\alpha_2\right)$	21	27
$L\left(5\alpha_1+3\alpha_2\right)$	11	64
\mathbb{C}	13	1

j-i=4

j-i=6

i-i=8

i - i = 10