## type B3, s=0, subset=[]

```
i+j=0
                      \mathbb{C}^3
                                         \mathbb{C}
  i+j=2
                                          \mathbb{C}^3
                      \mathbb{C}^5
  i+j=4
                      \mathbb{C}^7
                                          \mathbb{C}^6
 i+j=6
                                                                                                                    \mathbb{C}^3
                      \mathbb{C}^8
                                          \mathbb{C}^{10}
 i+j=8
                                         \mathbb{C}^{14}L_{1,1,1}
                                                                       \mathbb{C}^{10}
                                                                                                                    \mathbb{C}^6
                      \mathbb{C}^8
                                                                                                                                                 \mathbb{C}^3
                                                                                                                                                                               {\mathbb C}
i + j = 10
                                                                       \mathbb{C}^{14}L_{1,1,1}^4
                                          \mathbb{C}^{15}L_{1,1,1}^{3}
                                                                                                                    \mathbb{C}^{10}L_{1,1,1}
                                                                                                                                                 \mathbb{C}^6
                      \mathbb{C}^7
                                                                                                                                                                               \mathbb{C}^3
                                                                                                                                                                                                     \mathbb{C}
i + j = 12
                                                                       \mathbb{C}^{15} L_{1,1,1}^{\overline{6}, \cdots, \overline{1}} L_{1,2,2} 
 \mathbb{C}^{12} L_{1,1,1}^{2} 
                                                                                                                   \mathbb{C}^{14}L_{1,1,1}^4
                      \mathbb{C}^5
                                          \mathbb{C}^{12}L_{1,1,1}^{2}
                                                                                                                                                 \mathbb{C}^{10}
                                                                                                                                                                               \mathbb{C}^6
                                                                                                                                                                                                     \mathbb{C}^3
i + j = 14
                                                                                                                    \mathbb{C}^{15}L_{1,1,1}^{\bar{3},-,}
                                                                                                                                                 \mathbb{C}^{14}L_{1,1,1}
                      \mathbb{C}^3
                                          \mathbb{C}^8
                                                                                                                                                                               \mathbb{C}^{10}
                                                                                                                                                                                                     \mathbb{C}^6
                                                                                                                                                                                                                           \mathbb{C}^3
                                                                                                                                                                                                                                                 \mathbb{C}
i + j = 16
                                                                       \mathbb{C}^5
                                                                                                                    \mathbb{C}^7
                                                                                                                                                 \mathbb{C}^8
                                                                                                                                                                               \mathbb{C}^8
                                                                                                                                                                                                     \mathbb{C}^7
                                                                                                                                                                                                                           \mathbb{C}^5
                                                                                                                                                                                                                                                  \mathbb{C}^3
                                          \mathbb{C}^3
                                                                                                                                                                                                                                                                        \mathbb{C}
i + j = 18
       h^{i,j}
                     j-i=0
                                          j-i=2
                                                                       j-i=4
                                                                                                                                                                               j - i = 10
                                                                                                                                                                                                     j - i = 12
                                                                                                                                                                                                                           j - i = 14
                                                                                                                                                                                                                                                  j - i = 16
                                                                                                                                                                                                                                                                        j - i = 18
                                                                                                                    j-i=6
                                                                                                                                                 j-i=8
 i+j=0
  i+j=2
                                          3
  i+j=4
                                          6
  i+j=6
                                                                                 3
                                          10
 i+j=8
                                          21
                                                             10
                                                                                                                         1
i + j = 10
                                          36
                                                             42
                                                                                 17
                                                                                                                         3
i+j=12
                                                                                                                                               1
                                                             78
                                                                                 42
                                                                                                                                               3
                                          26
                                                                                                     10
i + j = 14
                                                                                                                                                                     1
```

module	multiplicity	dimension
all		553
$\mathbb{C}$	343	1
$L\left(\alpha_1 + \alpha_2 + \alpha_3\right)$	27	7
$L\left(\alpha_1+2\alpha_2+2\alpha_3\right)$	1	21

26

5

j-i=4

36

j-i=6

21

8

j-i=8

10

8

j - i = 10

6

7

j - i = 12

1

3

j - i = 16

j - i = 14

1

j-i=18

8

3

j-i=2

j-i=0

i + j = 16

 $\frac{i+j=18}{h^{i,j}}$