type A3, s=3, subset=[2]

 $\mathbb{C}L_{1,1,1}^3L_{1,2,1}L_{2,2,1}L_{1,2,2}L_{2,2,2}$

i-i=9

 $i+j=1 \mid \mathbb{C}L_{1,1,1}^3 L_{1,2,1} L_{2,2,1} L_{1,2,2} L_{2,2,2}$

i+j					$2,2L_{2,2,2}$					
i+j	$i=3 \mid \mathbb{C}$	$L_{1.1.1}^{4}$	$L_{1,2,1}L$	$L^2_{2,2,1}L^2_{1,1}$	$_{2,2}L_{2,2,2}^2$	$\mathbb{C}^3L_{1,1,1}^6$	$_{1}L_{1,2,1}^{2}L_{2,2,1}^{3}L_{1,2,2}^{3}L_{3,2,1}L_{2,2,2}^{2}L_{1,2,3}L_{2,3,2}$			
i+j	$i=5 \mid L$	$L^{2}_{1,1,1}L^{2}_{2}$	$L_{2,2}^{2}L_{1}^{2}$	$L^{2}_{2,2}$	-,,-,- 9	$\mathbb{C}^4 L_{11}^{10}$	$L_{1}^{7,7,7}L_{2,2}^{7,7,7}L_{2,2}^{7,7,7}L_{2,2}^{2,7}L_{2,2}^{4,7,7,7}L_{2,2}^{2,7,7}L_{2,2}^{2,7,7,7}L_{2,2}^{2,7,7,7}L_{2,2}^{2,7,7,7}L_{2,2}^{2,7,7,7}L_{2,2}^{2,7,7,7}L_{2,2}^{2,7,7,7,7}L_{2,2}^{2,7,7,7,7}L_{2,2}^{2,7,7,7,7,7}L_{2,2}^{2,7,7,7,7,7,7}L_{2,2}^{2,7,7,7,7,7,7}L_{2,2}^{2,7,7,7,7,7,7}L_{2,2}^{2,7,7,7,7,7,7}L_{2,2}^{2,7,7,7,7,7,7}L_{2,2}^{2,7,7,7,7,7,7}L_{2,2}^{2,7,7,7,7,7}L_{2,2}^{2,7,7,7,7,7,7}L_{2,2}^{2,7,7,7,7,7,7}L_{2,2}^{2,7,7,7,7,7,7}L_{2,2}^{2,7,7,7,7,7,7}L_{2,2}^{2,7,7,7,7,7,7}L_{2,2}^{2,7,7,7,7,7,7}L_{2,2}^{2,7,7,7,7,7}L_{2,2}^{2,7,7,7,7,7}L_{2,2}^{2,7,7,7,7,7}L_{2,2}^{2,7,7,7,7,7}L_{2,2}^{2,7,7,7,7}L_{2,2}^{2,7,7,7,7}L_{2,2}^{2,7,7,7,7}L_{2,2}^{2,7,7,7,7}L_{2,2}^{2,7,7,7,7}L_{2,2}^{2,7,7,7,7}L_{2,2}^{2,7,7,7,7}L_{2,2}^{2,7,7,7,7,7}L_{2,2}^{2,7,7,7,7}L_{2,2}^{2,7,7,7,7}L_{2,2}^{2,7,7,7,7}L_{2,2}^{2,7,7,7,7}L_{2,2}^{2,7,7,7,7}L_{2,2}^{2,7,7}L_{2,2}^{2,7,7,7}L_{2,2}^{2,7,7}L_$	$\mathbb{C}^4L_{1,1}^6L_{1,2}^2L_{2,2}^3L_{2,2}^3L_{1,2,2}^3L_{3,2,1}L_{2,2,2}^2L_{1,2,3}L_{2,3,2}$		
i+j		1,1,1	2,2,1 1,	, 2, 2 2, 2,	_	L_{1}^{3} , L_{1}^{1}	${}_{1}L_{1,2,1}^{2}L_{2,2,1}^{3}L_{1,2,2}^{3}L_{3,2,1}L_{2,2,2}^{2}L_{1,2,3}L_{2,3,2} \atop L_{1,2,1}L_{1,2,2}^{4}L_{1,2,2}L_{2,2,2}^{2}L_{1,2,3}L_{2,3,2}^{2} \atop L_{2,2,1}L_{2,2,1}^{4}L_{1,2,2}^{4}L_{2,2,1}^{2}L_{2,2,2}^{2}L_{1,2,3}^{2}L_{2,3,2}^{2}$	$ \begin{array}{c} \mathbb{C}^4 L_{1,1,1}^6 L_{1,2,1}^2 L_{2,2,1}^3 L_{1,2,2}^3 L_{3,2,1} L_{2,2,2}^2 L_{1,2,3} L_{2,3,2} \\ \mathbb{C}^4 L_{1,1,1,2}^{10} L_{1,2,1}^4 L_{2,2,1}^7 L_{1,2,2}^7 L_{1,2,2}^7 L_{3,2,1}^2 L_{4,2,2}^4 L_{1,2,3}^2 L_{2,3,2}^2 \end{array} $	$\mathbb{C}^3L^6_{1,1,1}L^2_{1,2,1}L^3_{2,2,1}L^3_{1,2,2}L_{3,2,1}L^2_{2,2,2}L_{1,2,3}L_{2,3,2}$,
	i=9 0					0	1,2,1=2,2,1=1,2,2=3,2,1=2,2,2=1,2,3=2,3,2	$L_{1,1,1}^{2}L_{2,2,1}^{2}L_{1,2,2}^{2}L_{2,2,2}^{2}$ $L_{1,1,1}^{2}L_{2,2,1}^{2}L_{1,2,2}^{2}L_{2,2,2}^{2}$	$\mathbb{C}L^4_{1,1,1}L_{1,2,1}L^2_{2,2,1}L^2_{1,2,2}L^2_{2,2,2}$ $\mathbb{C}L^4_{1,1,1}L_{1,2,1}L^2_{2,2,1}L^2_{1,2,2}L^2_{2,2,2}$	(
		7 1								
,	$\iota \sim \mid j$	-i=1				j-i=3		j-i=5	j-i=7	J
		40								
	i=1 2		01.0							
	· -		816							
i+j	$i=5 \mid 3$		1690	817						
i+j	$i=7 \mid 0$		1103	1690	816					
	$i=9 \mid 0$		0	378	429	240				
h	$n^{i,j} \mid j$	-i=1	j-i=3	j-i=5	j - i = 7	j-i=9				
	•									
		m	odule	multip	olicity	dimension	L			
			all			9026	_			
			\mathbb{C}	22		1				
	$L(\alpha_1$	$+\alpha_2$	$+\alpha_3$	59		15				
			$+\alpha_3$			20				
T.	$L(2\alpha_1 -$	$\perp 2\alpha_2$	$+\alpha_3$	20 37		45				
			$(2\alpha_3)$			45				
			$(2\alpha_3)$			84				
			$+\alpha_3$			35				
			$3\alpha_3$			35				
L ($(2\alpha_1 +$	$3\alpha_2 +$	$2\alpha_3$	9		175				