No. 26 D_{3h} -6m2 (-6m2 setting) [hexagonal] (axial)

表 1 rank 0

No.	irrep.	(tag)	mul.	comp.	harmonics	(tag)	definition
1	A_1''	$\mathtt{A1}^{\prime\prime}$	_	_	$\mathbb{G}_0^{(h,A_1^{\prime\prime})}$	${\tt Gh}({\tt O},{\tt A1''},,)$	C_0

表 2 rank 1

No.	irrep.	(tag)	mul.	comp.	harmonics	(tag)	definition
2	A_2'	$\mathtt{A2}'$	-	-	$\mathbb{G}_1^{(h,A_2')}$	${\tt Gh}(1,{\tt A2'},,)$	C_0
3	$E^{\prime\prime}$	$E^{\prime\prime}$	-	0	$\mathbb{G}_{1,0}^{(h,E^{\prime\prime})}$	${\tt Gh}(1,E'',,0)$	$-S_1$
4	$E^{\prime\prime}$	Ε"	_	1	$\mathbb{G}_{1,1}^{(h,E^{\prime\prime})}$	${\tt Gh}(1,E'',,1)$	C_1

表 3 rank 2

No.	irrep.	(tag)	mul.	comp.	harmonics	(tag)	definition
5	A_1''	A1"	_	_	$\mathbb{G}_2^{(h,A_1'')}$	${\tt Gh(2,A1'',,)}$	C_0
6	E'	E'	_	0	$\mathbb{G}_{2,0}^{(h,E')}$	${\tt Gh}(2,E',,0)$	$-S_1$
7	E'	E'	_	1	$\mathbb{G}_{2,1}^{(h,E')}$	${\tt Gh}(2,E',,1)$	C_1
8	$E^{\prime\prime}$	$E^{\prime\prime}$	_	0	$\mathbb{G}_{2,0}^{(h,E^{\prime\prime})}$	${\tt Gh}(2,E'',,0)$	C_2
9	$E^{\prime\prime}$	Ε"	_	1	$\mathbb{G}_{2,1}^{(h,E^{\prime\prime})}$	${\tt Gh}(2,E'',,1)$	$-S_2$

表 4 rank 3

No.	irrep.	(tag)	mul.	comp.	harmonics	(tag)	definition
10	A_1''	A1"	_	_	$\mathbb{G}_3^{(h,A_1'')}$	${\tt Gh(3,A1'',,)}$	S_3
11	A_2'	$\mathtt{A2}'$	_	_	$\mathbb{G}_3^{(h,A_2')}$	${\tt Gh}({\tt 3},{\tt A2'},,)$	C_0
12	$A_2^{\prime\prime}$	$\mathtt{A2}^{\prime\prime}$	_	_	$\mathbb{G}_3^{(h,A_2^{\prime\prime})}$	${\tt Gh}({\tt 3},{\tt A2''},,)$	C_3
13	E'	E'	_	0	$\mathbb{G}_{3,0}^{(h,E')}$	${\tt Gh}({\tt 3},{\tt E}',,0)$	C_2
14	E'	E'	_	1	$\mathbb{G}_{3,1}^{(h,E')}$	${\tt Gh}({\tt 3},{\tt E}',,{\tt 1})$	$-S_2$
15	$E^{\prime\prime}$	$E^{\prime\prime}$	_	0	$\mathbb{G}_{3,0}^{(h,E^{\prime\prime})}$	${\tt Gh}({\tt 3},{\tt E}^{\prime\prime},,{\tt 0})$	$-S_1$
16	$E^{\prime\prime}$	Ε"	_	1	$\mathbb{G}_{3,1}^{(h,E^{\prime\prime})}$	${\tt Gh}({\tt 3},{\tt E}^{\prime\prime},,{\tt 1})$	C_1

表 5 rank 4

No.	irrep.	(tag)	mul.	comp.	harmonics	(tag)	definition
17	A_1'	A1'	_	_	$\mathbb{G}_4^{(h,A_1')}$	${\tt Gh(4,A1',,)}$	C_3
18	A_1''	$\mathtt{A1}^{\prime\prime}$	_	_	$\mathbb{G}_4^{(h,A_1'')}$	${\tt Gh}(4,{\tt A1''},,)$	C_0
19	A_2'	$\mathtt{A2}'$	_	_	$\mathbb{G}_4^{(h,A_2')}$	${\tt Gh(4,A2',,)}$	S_3
20	E'	\mathtt{E}'	_	0	$\mathbb{G}_{4,0}^{(h,E')}$	${\tt Gh}(4,E',,0)$	$-S_1$
21	E'	E'	_	1	$\mathbb{G}_{4,1}^{(h,E')}$	${\tt Gh}(4,E',,1)$	C_1
22	$E^{\prime\prime}$	Ε''	1	0	$\mathbb{G}_{4,0}^{(h,E^{\prime\prime},1)}$	${\tt Gh}(4,{\tt E}^{\prime\prime},1,0)$	C_4
23	$E^{\prime\prime}$	E''	1	1	$\mathbb{G}_{4,1}^{(h,E^{\prime\prime},1)}$	${\tt Gh}(4,E'',1,1)$	S_4
24	$E^{\prime\prime}$	E''	2	0	$\mathbb{G}_{4,0}^{(h,E^{\prime\prime},2)}$	${\tt Gh}(4,E^{\prime\prime},2,0)$	C_2
25	E''	Ε"	2	1	$\mathbb{G}_{4,1}^{(h,E^{\prime\prime},2)}$	${\tt Gh}(4,E'',2,1)$	$-S_2$

表 6 rank 5

No.	irrep.	(tag)	mul.	comp.	harmonics	(tag)	definition
26	A_1''	A1"	-	-	$\mathbb{G}_{5}^{(h,A_{1}^{\prime\prime})}$	${\tt Gh}({\tt 5},{\tt A1''},,)$	S_3
27	A_2'	$\mathtt{A2}'$	_	_	$\mathbb{G}_5^{(h,A_2')}$	${\tt Gh}({\tt 5},{\tt A2'},,)$	C_0
28	$A_2^{\prime\prime}$	A2"	_	_	$\mathbb{G}_{5}^{(h,A_{2}^{\prime\prime})}$	${\tt Gh}({\tt 5},{\tt A2''},,)$	C_3
29	E'	E'	1	0	$\mathbb{G}_{5,0}^{(h,E',1)}$	${\tt Gh}({\tt 5},{\tt E}',{\tt 1},{\tt 0})$	C_4
30	E'	E'	1	1	$\mathbb{G}_{5,1}^{(h,E',1)}$	${\tt Gh}({\tt 5},{\tt E}',{\tt 1},{\tt 1})$	S_4
31	E'	E'	2	0	$\mathbb{G}_{5,0}^{(h,E',2)}$	${\tt Gh}({\tt 5},{\tt E}',{\tt 2},{\tt 0})$	C_2
32	E'	E'	2	1	$\mathbb{G}_{5,1}^{(h,E',2)}$	${\tt Gh}({\tt 5},{\tt E}',{\tt 2},{\tt 1})$	$-S_2$
33	$E^{\prime\prime}$	$E^{\prime\prime}$	1	0	$\mathbb{G}_{5,0}^{(h,E^{\prime\prime},1)}$	${\tt Gh}({\tt 5},{\tt E}'',{\tt 1},{\tt 0})$	S_5
34	E''	E''	1	1	$\mathbb{G}_{5,1}^{(h,E^{\prime\prime},1)}$	${\tt Gh}({\tt 5},{\tt E}'',{\tt 1},{\tt 1})$	C_5
35	$E^{\prime\prime}$	E''	2	0	$\mathbb{G}_{5,0}^{(h,E^{\prime\prime},2)}$	${\tt Gh}({\tt 5},{\tt E}^{\prime\prime},{\tt 2},{\tt 0})$	$-S_1$
36	E''	Ε"	2	1	$\mathbb{G}_{5,1}^{(h,E^{\prime\prime},2)}$	${\tt Gh}({\tt 5},{\tt E}^{\prime\prime},{\tt 2},{\tt 1})$	C_1

表 7 rank 6

No.	irrep.	(tag)	mul.	comp.	harmonics	(tag)	definition
37	A_1'	A1'	_	_	$\mathbb{G}_6^{(h,A_1')}$	${\tt Gh(6,A1',,)}$	C_3
38	A_1''	$\mathtt{A1}^{\prime\prime}$	1	_	$\mathbb{G}_6^{(h,A_1'',1)}$	${\tt Gh}({\tt 6},{\tt A1''},{\tt 1},)$	C_0
39	A_1''	$\mathtt{A1}^{\prime\prime}$	2	_	$\mathbb{G}_6^{(h,A_1'',2)}$	${\tt Gh}(6,{\tt A1''},2,)$	C_6
40	A_2'	$\mathtt{A2}'$	_	_	$\mathbb{G}_6^{(h,A_2')}$	${\tt Gh}(6,{\tt A2'},,)$	S_3
41	$A_2^{\prime\prime}$	A2"	_	_	$\mathbb{G}_6^{(h,A_2'')}$	${\tt Gh}({\tt 6},{\tt A2''},,)$	S_6
42	E'	E'	1	0	$\mathbb{G}_{6,0}^{(h,E',1)}$	${\tt Gh}(6,E',1,0)$	S_5
43	E'	E'	1	1	$\mathbb{G}_{6,1}^{(h,E',1)}$	${\tt Gh}(6,E',1,1)$	C_5
44	E'	E'	2	0	$\mathbb{G}_{6,0}^{(h,E',2)}$	${\tt Gh}(6,E',2,0)$	$-S_1$
45	E'	E'	2	1	$\mathbb{G}_{6,1}^{(h,E',2)}$	${\tt Gh}(6,E',2,1)$	C_1
46	$E^{\prime\prime}$	$E^{\prime\prime}$	1	0	$\mathbb{G}_{6,0}^{(h,E^{\prime\prime},1)}$	${\tt Gh}(6,E'',1,0)$	C_4
47	$E^{\prime\prime}$	$E^{\prime\prime}$	1	1	$\mathbb{G}_{6,1}^{(h,E^{\prime\prime},1)}$	${\tt Gh}(6,E'',1,1)$	S_4
48	$E^{\prime\prime}$	$E^{\prime\prime}$	2	0	$\mathbb{G}_{6,0}^{(h,E^{\prime\prime},2)}$	${\tt Gh}(6,E^{\prime\prime},2,0)$	C_2
49	$E^{\prime\prime}$	$E^{\prime\prime}$	2	1	$\mathbb{G}_{6,1}^{(h,E^{\prime\prime},2)}$	${\tt Gh}(6,E^{\prime\prime},2,1)$	$-S_2$

表 8 $\operatorname{rank} 7$

No.	irrep.	(tag)	mul.	comp.	harmonics	(tag)	definition
50	A_1'	$\mathtt{A1}'$	_	_	$\mathbb{G}_7^{(h,A_1')}$	${\tt Gh(7,A1',,)}$	S_6
51	A_1''	$\mathtt{A1}^{\prime\prime}$	_	_	$\mathbb{G}_7^{(h,A_1'')}$	${\tt Gh}({\tt 7},{\tt A1''},,)$	S_3
52	A_2'	$\mathtt{A2}'$	1	_	$\mathbb{G}_7^{(h,A_2',1)}$	${\tt Gh(7,A2',1,)}$	C_0
53	A_2'	$\mathtt{A2}'$	2	_	$\mathbb{G}_7^{(h,A_2',2)}$	${\tt Gh}(7,{\tt A2'},2,)$	C_6
54	$A_2^{\prime\prime}$	$\mathtt{A2}^{\prime\prime}$	_	_	$\mathbb{G}_7^{(h,A_2^{\prime\prime})}$	${\tt Gh}({\tt 7},{\tt A2''},,)$	C_3
55	E'	E'	1	0	$\mathbb{G}_{7,0}^{(h,E',1)}$	${\tt Gh}(7, {\tt E}^\prime, {\tt 1}, {\tt 0})$	C_4
56	E'	E'	1	1	$\mathbb{G}_{7,1}^{(h,E',1)}$	${\tt Gh}(7,{\tt E}',1,1)$	S_4
57	E'	E'	2	0	$\mathbb{G}_{7,0}^{(h,E',2)}$	${\tt Gh}(7, {\tt E}^{\prime}, 2, 0)$	C_2
58	E'	E'	2	1	$\mathbb{G}_{7,1}^{(h,E',2)}$	${\tt Gh}(7,{\tt E}',2,1)$	$-S_2$
59	E''	$E^{\prime\prime}$	1	0	$\mathbb{G}_{7,0}^{(h,E^{\prime\prime},1)}$	${\tt Gh}(7,E^{\prime\prime},1,0)$	$-S_7$
60	E''	$E^{\prime\prime}$	1	1	$\mathbb{G}_{7,1}^{(h,E^{\prime\prime},1)}$	${\tt Gh}(7,E^{\prime\prime},1,1)$	C_7
61	$E^{\prime\prime}$	$E^{\prime\prime}$	2	0	$\mathbb{G}_{7,0}^{(h,E^{\prime\prime},2)}$	${\tt Gh}(7,{\tt E}^{\prime\prime},2,0)$	S_5
62	$E^{\prime\prime}$	$E^{\prime\prime}$	2	1	$\mathbb{G}_{7,1}^{(h,E^{\prime\prime},2)}$	${\tt Gh}(7,{\tt E}^{\prime\prime},2,1)$	C_5
63	E''	$E^{\prime\prime}$	3	0	$\mathbb{G}_{7,0}^{(h,E^{\prime\prime},3)}$	${\tt Gh}(7,{\tt E}^{\prime\prime},3,0)$	$-S_1$
64	E''	E''	3	1	$\mathbb{G}_{7,1}^{(h,E^{\prime\prime},3)}$	${\tt Gh}(7,E^{\prime\prime},3,1)$	C_1

表 9 rank 8

				表 9	rank 8		
No.	irrep.	(tag)	mul.	comp.	harmonics	(tag)	definition
65	A_1'	A1'	_	_	$\mathbb{G}_8^{(h,A_1')}$	${\tt Gh(8,A1',,)}$	C_3
66	A_1''	$\mathtt{A1}^{\prime\prime}$	1	_	$\mathbb{G}_8^{(h,A_1'',1)}$	${\tt Gh(8,A1'',1,)}$	C_0
67	A_1''	A1"	2	_	$\mathbb{G}_8^{(h,A_1'',2)}$	${\tt Gh(8,A1'',2,)}$	C_6
68	A_2'	$\mathtt{A2}'$	_	_	$\mathbb{G}_8^{(h,A_2')}$	${\tt Gh(8,A2',,)}$	S_3
69	$A_2^{\prime\prime}$	$\mathtt{A2}^{\prime\prime}$	_	_	$\mathbb{G}_8^{(h,A_2'')}$	${\tt Gh}(8,{\tt A2''},,)$	S_6
70	E'	E'	1	0	$\mathbb{G}_{8,0}^{(h,E',1)}$	${\tt Gh}(8,E',1,0)$	$-S_7$
71	E'	E'	1	1	$\mathbb{G}_{8,1}^{(h,E',1)}$	${\tt Gh}(8,E',1,1)$	C_7
72	E'	E'	2	0	$\mathbb{G}_{8,0}^{(h,E',2)}$	${\tt Gh}(8,E',2,0)$	S_5
73	E'	E'	2	1	$\mathbb{G}_{8,1}^{(h,E',2)}$	${\tt Gh}(8,E',2,1)$	C_5
74	E'	E'	3	0	$\mathbb{G}_{8,0}^{(h,E',3)}$	${\tt Gh}(8,E',3,0)$	$-S_1$
75	E'	E'	3	1	$\mathbb{G}_{8,1}^{(h,E',3)}$	${\tt Gh}(8,E',3,1)$	C_1
76	E''	E''	1	0	$\mathbb{G}_{8,0}^{(h,E^{\prime\prime},1)}$	${\tt Gh(8,E'',1,0)}$	C_8
77	E''	$\mathtt{E}^{\prime\prime}$	1	1	$\mathbb{G}_{8,1}^{(h,E^{\prime\prime},1)}$	${\tt Gh}({\tt 8},{\tt E}^{\prime\prime},{\tt 1},{\tt 1})$	$-S_8$
78	E''	$\mathtt{E}^{\prime\prime}$	2	0	$\mathbb{G}_{8,0}^{(h,E^{\prime\prime},2)}$	${\tt Gh}(8,E^{\prime\prime},2,0)$	C_4
79	E''	$E^{\prime\prime}$	2	1	$\mathbb{G}_{8,1}^{(h,E^{\prime\prime},2)}$	${\tt Gh}(8,E^{\prime\prime},2,1)$	S_4
80	E''	E''	3	0	$\mathbb{G}_{8,0}^{(h,E^{\prime\prime},3)}$	${\tt Gh}(8,E^{\prime\prime},3,0)$	C_2
81	E''	E''	3	1	$\mathbb{G}_{8,1}^{(h,E^{\prime\prime},3)}$	${\tt Gh}(8,E^{\prime\prime},3,1)$	$-S_2$

表 10 rank 9

No.	irrep.	(tag)	mul.	comp.	harmonics	(tag)	definition
82	A_1'	A1'	_	_	$\mathbb{G}_9^{(h,A_1')}$	${\tt Gh}(9,{\tt A1}',,)$	S_6
83	A_1''	$\mathtt{A1}^{\prime\prime}$	1	_	$\mathbb{G}_9^{(h,A_1'',1)}$	${\tt Gh(9,A1'',1,)}$	S_9
84	A_1''	$\mathtt{A1}^{\prime\prime}$	2	_	$\mathbb{G}_9^{(h,A_1'',2)}$	${\tt Gh(9,A1'',2,)}$	S_3
85	A_2'	$\mathtt{A2}'$	1	_	$\mathbb{G}_9^{(h,A_2',1)}$	${\tt Gh}(9,{\tt A2'},1,)$	C_0
86	A_2'	$\mathtt{A2}'$	2	_	$\mathbb{G}_9^{(h,A_2',2)}$	${\tt Gh}(9,{\tt A2'},2,)$	C_6
87	$A_2^{\prime\prime}$	$\mathtt{A2}^{\prime\prime}$	1	_	$\mathbb{G}_9^{(h,A_2'',1)}$	${\tt Gh(9,A2'',1,)}$	C_9
88	$A_2^{\prime\prime}$	$\mathtt{A2}^{\prime\prime}$	2	_	$\mathbb{G}_9^{(h,A_2'',2)}$	${\tt Gh(9,A2'',2,)}$	C_3
89	E'	E'	1	0	$\mathbb{G}_{9,0}^{(h,E',1)}$	${\tt Gh}(9,E',1,0)$	C_8
90	E'	E'	1	1	$\mathbb{G}_{9,1}^{(h,E',1)}$	${\tt Gh}(9,E',1,1)$	$-S_8$
91	E'	E'	2	0	$\mathbb{G}_{9,0}^{(h,E',2)}$	${\tt Gh}(9,E',2,0)$	C_4
92	E'	E'	2	1	$\mathbb{G}_{9,1}^{(h,E',2)}$	${\tt Gh}(9,E',2,1)$	S_4
93	E'	E'	3	0	$\mathbb{G}_{9,0}^{(h,E',3)}$	${\tt Gh}(9,E',3,0)$	C_2
94	E'	E'	3	1	$\mathbb{G}_{9,1}^{(h,E',3)}$	${\tt Gh}(9,E',3,1)$	$-S_2$
95	$E^{\prime\prime}$	Ε''	1	0	$\mathbb{G}_{9,0}^{(h,E^{\prime\prime},1)}$	${\tt Gh}(9,E'',1,0)$	$-S_7$
96	$E^{\prime\prime}$	Ε''	1	1	$\mathbb{G}_{9,1}^{(h,E^{\prime\prime},1)}$	${\tt Gh}(9,E'',1,1)$	C_7
97	$E^{\prime\prime}$	Ε"	2	0	$\mathbb{G}_{9,0}^{(h,E^{\prime\prime},2)}$	${\tt Gh}(9, {\tt E}^{\prime\prime}, 2, 0)$	S_5
98	$E^{\prime\prime}$	Ε''	2	1	$\mathbb{G}_{9,1}^{(h,E^{\prime\prime},2)}$	${\tt Gh}(9, {\tt E}^{\prime\prime}, 2, 1)$	C_5
99	$E^{\prime\prime}$	Ε''	3	0	$\mathbb{G}_{9,0}^{(h,E^{\prime\prime},3)}$	${\tt Gh}(9, {\tt E}^{\prime\prime}, 3, 0)$	$-S_1$
100	E''	Ε"	3	1	$\mathbb{G}_{9,1}^{(h,E^{\prime\prime},3)}$	${\tt Gh}(9,E'',3,1)$	C_1

表 11 rank 10

No.	irrep.	(tag)	mul.	comp.	harmonics	(tag)	definition
101	A_1'	A1'	1	_	$\mathbb{G}_{10}^{(h,A_{1}',1)}$	${\tt Gh(10,A1',1,)}$	C_9
102	A_1'	$\mathtt{A1}'$	2	_	$\mathbb{G}_{10}^{(h,A_{1}',2)}$	${\tt Gh(10,A1',2,)}$	C_3
103	A_1''	$\mathtt{A1}^{\prime\prime}$	1	_	$\mathbb{G}_{10}^{(h,A_{1}^{\prime\prime},1)}$	${\tt Gh(10,A1'',1,)}$	C_0
104	A_1''	$\mathtt{A1}^{\prime\prime}$	2	-	$\mathbb{G}_{10}^{(h,A_{1}^{\prime\prime},2)}$	${\tt Gh(10,A1'',2,)}$	C_6
105	A_2'	$\mathtt{A2}'$	1	_	$\mathbb{G}_{10}^{(h,A_2',1)}$	${\tt Gh(10,A2',1,)}$	S_9
106	A_2'	$\mathtt{A2}'$	2	_	$\mathbb{G}_{10}^{(h,A_2',2)}$	${\tt Gh(10,A2',2,)}$	S_3
107	$A_2^{\prime\prime}$	$\mathtt{A2}^{\prime\prime}$	_	_	$\mathbb{G}_{10}^{(h,A_2^{\prime\prime})}$	${\tt Gh(10,A2'',,)}$	S_6
108	E'	E'	1	0	$\mathbb{G}_{10,0}^{(h,E',1)}$	${\tt Gh}({\tt 10},{\tt E}',{\tt 1},{\tt 0})$	$-S_7$
109	E'	E'	1	1	$\mathbb{G}_{10,1}^{(h,E',1)}$	${\tt Gh}({\tt 10},{\tt E}',{\tt 1},{\tt 1})$	C_7
110	E'	E'	2	0	$\mathbb{G}_{10,0}^{(h,E',2)}$	${\tt Gh}({\tt 10},{\tt E}',{\tt 2},{\tt 0})$	S_5
111	E'	E'	2	1	$\mathbb{G}_{10,1}^{(h,E',2)}$	${\tt Gh}({\tt 10},{\tt E}',{\tt 2},{\tt 1})$	C_5
112	E'	E'	3	0	$\mathbb{G}_{10,0}^{(h,E',3)}$	${\tt Gh}({\tt 10},{\tt E}',{\tt 3},{\tt 0})$	$-S_1$
113	E'	E'	3	1	$\mathbb{G}_{10,1}^{(h,E',3)}$	${\tt Gh}({\tt 10},{\tt E}',{\tt 3},{\tt 1})$	C_1
114	$E^{\prime\prime}$	Ε"	1	0	$\mathbb{G}_{10,0}^{(h,E'',1)}$	${\tt Gh}({\tt 10},{\tt E}^{\prime\prime},{\tt 1},{\tt 0})$	C_{10}
115	$E^{\prime\prime}$	Ε"	1	1	$\mathbb{G}_{10,1}^{(h,E^{\prime\prime},1)}$	${\tt Gh}({\tt 10},{\tt E}^{\prime\prime},{\tt 1},{\tt 1})$	S_{10}
116	$E^{\prime\prime}$	Ε"	2	0	$\mathbb{G}_{10,0}^{(h,E'',2)}$	${\tt Gh}({\tt 10},{\tt E}^{\prime\prime},{\tt 2},{\tt 0})$	C_8
117	$E^{\prime\prime}$	Ε"	2	1	$\mathbb{G}_{10,1}^{(h,E'',2)}$	${\tt Gh}({\tt 10},{\tt E}^{\prime\prime},{\tt 2},{\tt 1})$	$-S_8$
118	$E^{\prime\prime}$	\mathtt{E}''	3	0	$\mathbb{G}_{10,0}^{(h,E^{\prime\prime},3)}$	${\tt Gh}({\tt 10},{\tt E}^{\prime\prime},{\tt 3},{\tt 0})$	C_4
119	$E^{\prime\prime}$	$E^{\prime\prime}$	3	1	$\mathbb{G}_{10,1}^{(h,E^{\prime\prime},3)}$	${\tt Gh}({\tt 10},{\tt E}^{\prime\prime},{\tt 3},{\tt 1})$	S_4
120	$E^{\prime\prime}$	$E^{\prime\prime}$	4	0	$\mathbb{G}_{10,0}^{(h,E^{\prime\prime},4)}$	$\mathtt{Gh}(\mathtt{10},\mathtt{E}'',\mathtt{4},\mathtt{0})$	C_2
121	E''	Ε"	4	1	$\mathbb{G}_{10,1}^{(h,E'',4)}$	${\tt Gh(10,E'',4,1)}$	$-S_2$

表 12 rank 11

No.	irrep.	(tag)	mul.	comp.	harmonics	(tag)	definition
122	A_1'	A1'	_	_	$\mathbb{G}_{11}^{(h,A_1')}$	${\tt Gh(11,A1',,)}$	S_6
123	A_1''	$\mathtt{A1}^{\prime\prime}$	1	_	$\mathbb{G}_{11}^{(h,A_{1}^{\prime\prime},1)}$	${\tt Gh(11,A1'',1,)}$	S_9
124	A_1''	$\mathtt{A1}^{\prime\prime}$	2	-	$\mathbb{G}_{11}^{(h,A_1^{\prime\prime},2)}$	${\tt Gh(11,A1'',2,)}$	S_3
125	A_2'	$\mathtt{A2}'$	1	_	$\mathbb{G}_{11}^{(h,A_2',1)}$	${\tt Gh(11,A2',1,)}$	C_0
126	A_2'	$\mathtt{A2}'$	2	_	$\mathbb{G}_{11}^{(h,A_2',2)}$	${\tt Gh(11,A2',2,)}$	C_6
127	$A_2^{\prime\prime}$	$\mathtt{A2}^{\prime\prime}$	1	_	$\mathbb{G}_{11}^{(h,A_2^{\prime\prime},1)}$	$\mathtt{Gh}(\mathtt{11},\mathtt{A2''},\mathtt{1},)$	C_9
128	$A_2^{\prime\prime}$	$\mathtt{A2}^{\prime\prime}$	2	_	$\mathbb{G}_{11}^{(h,A_2^{\prime\prime},2)}$	${\tt Gh(11,A2'',2,)}$	C_3
129	E'	E'	1	0	$\mathbb{G}_{11,0}^{(h,E',1)}$	${\tt Gh(11,E',1,0)}$	C_{10}
130	E'	E'	1	1	$\mathbb{G}_{11,1}^{(h,E',1)}$	$\mathtt{Gh}(\mathtt{11},\mathtt{E}',\mathtt{1},\mathtt{1})$	S_{10}
131	E'	E'	2	0	$\mathbb{G}_{11,0}^{(h,E',2)}$	${\tt Gh}({\tt 11},{\tt E}',{\tt 2},{\tt 0})$	C_8
132	E'	E'	2	1	$\mathbb{G}_{11,1}^{(h,E',2)}$	${\tt Gh}({\tt 11},{\tt E}',{\tt 2},{\tt 1})$	$-S_8$
133	E'	E'	3	0	$\mathbb{G}_{11,0}^{(h,E',3)}$	${\tt Gh(11,E',3,0)}$	C_4
134	E'	E'	3	1	$\mathbb{G}_{11,1}^{(h,E',3)}$	${\tt Gh}({\tt 11},{\tt E}',{\tt 3},{\tt 1})$	S_4
135	E'	E'	4	0	$\mathbb{G}_{11,0}^{(h,E',4)}$	${\tt Gh(11,E',4,0)}$	C_2
136	E'	E'	4	1	$\mathbb{G}_{11,1}^{(h,E',4)}$	${\tt Gh(11,E',4,1)}$	$-S_2$
137	E''	\mathtt{E}''	1	0	$\mathbb{G}_{11,0}^{(h,E'',1)}$	${\tt Gh}({\tt 11},{\tt E}^{\prime\prime},{\tt 1},{\tt 0})$	S_{11}
138	E''	$E^{\prime\prime}$	1	1	$\mathbb{G}_{11,1}^{(h,E^{\prime\prime},1)}$	$\mathtt{Gh}(\mathtt{11},\mathtt{E}'',\mathtt{1},\mathtt{1})$	C_{11}
139	$E^{\prime\prime}$	$E^{\prime\prime}$	2	0	$\mathbb{G}_{11,0}^{(h,E'',2)}$	${\tt Gh}({\tt 11},{\tt E}^{\prime\prime},{\tt 2},{\tt 0})$	$-S_7$
140	E''	$E^{\prime\prime}$	2	1	$\mathbb{G}_{11,1}^{(h,E^{\prime\prime},2)}$	${\tt Gh}({\tt 11},{\tt E}^{\prime\prime},{\tt 2},{\tt 1})$	C_7
141	E''	$E^{\prime\prime}$	3	0	$\mathbb{G}_{11,0}^{(h,E^{\prime\prime},3)}$	${\tt Gh(11,E'',3,0)}$	S_5
142	E''	$E^{\prime\prime}$	3	1	$\mathbb{G}_{11,1}^{(h,E^{\prime\prime},3)}$	${\tt Gh}({\tt 11},{\tt E}^{\prime\prime},{\tt 3},{\tt 1})$	C_5
143	$E^{\prime\prime}$	Ε"	4	0	$\mathbb{G}_{11,0}^{(h,E'',4)}$	${\tt Gh}({\tt 11},{\tt E}^{\prime\prime},{\tt 4},{\tt 0})$	$-S_1$
144	E''	Ε"	4	1	$\mathbb{G}_{11,1}^{(h,E^{\prime\prime},4)}$	${\tt Gh}({\tt 11},{\tt E}^{\prime\prime},{\tt 4},{\tt 1})$	C_1