

**Tensor Distinction Tables**

Supplimentary Material to

**Tensor Distinction of Domain Pairs in Ferroic Crystals**

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**Table 1:** The 247 classes of ferroic phase transitions. The first column gives a numerical index and in the second and third columns, respectively, are the corresponding groups  $\mathbf{G}$  and  $\mathbf{F}$  of one ferroic phase transition  $\mathbf{G}$  to  $\mathbf{F}$  belonging to this class. For each pair of groups, in the third through fifth column, respectively, is the point group  $\mathbf{F}$ , element  $g_{ij}$ , and twinning group  $\mathbf{K}_{ij}$  of one domain pair from each double coset class of domain pairs which can arise in the ferroic phase transition  $\mathbf{G}$  to  $\mathbf{F}$ .

**Table 2:** The distinct double coset classes of domain pairs. The tensor class, the twinning group  $\mathbf{K}_{ij}$ , and  $\mathbf{F}$  of each double coset class are given in the first through third columns, respectively. This is followed by an explicit listing of elements of the coset  $g_{ij}\mathbf{F}$  and a list of the numerical indices, from Table 1, of all ferroic phase transitions  $\mathbf{G}$  to  $\mathbf{F}$  which contain domain pairs of the double coset class.

**Table 3:** The 139 tensor classes of domain pairs. A numerical index is given in the first column, an asterisk denotes that the tensor class is non-ferroelastic. The groups  $\mathbf{K}_{ij}$  and  $\mathbf{F}$  of one domain pair belonging to each tensor class are given in the second and third column, respectively. This is followed by the elements of the coset  $g_{ij}\mathbf{F}$ .

**Table 4:** For 22 tensor types and each of the 139 tensor classes is given whether or not physical property tensors of the tensor type can distinguish between domains of domain pairs belonging to the tensor class. The tensor types are listed in the first column and each column is headed by the index of a tensor class. A blank entry denotes that the tensor type can distinguish between the domains.  $\mathbf{N}$  denotes that the tensors are none zero and can not distinguish between the domains.  $\mathbf{Z}$  denotes that the tensors are identically zero and can not distinguish between the domains.

**Table 1**

#	G	F	$g_{ij}$	$K_{ij}$
1)	$\bar{1}$	1	$\bar{1}$	$\bar{1}$
2)	$2_z$	1	$2_z$	$2_z$
3)	$m_z$	1	$m_z$	$m_z$
4)	$2_z/m_z$	1	$2_z$ $\bar{1}$ $m_z$	$2_z$ $\bar{1}$ $m_z$
5)	$2_z/m_z$	$2_z$	$\bar{1}$	$2_z/m_z$
6)	$2_z/m_z$	$\bar{1}$	$2_z$	$2_z/m_z$
7)	$2_z/m_z$	$m_z$	$2_z$	$2_z/m_z$
8)	$2_x 2_y 2_z$	1	$2_x$ $2_y$ $2_z$	$2_x$ $2_y$ $2_z$
9)	$2_x 2_y 2_z$	$2_x$	$2_y$	$2_x 2_y 2_z$
10)	$2_x 2_y 2_z$	$2_y$	$2_x$	$2_x 2_y 2_z$
11)	$2_x 2_y 2_z$	$2_z$	$2_x$	$2_x 2_y 2_z$
12)	$m_x m_y 2_z$	1	$2_z$ $m_x$ $m_y$	$2_z$ $m_x$ $m_y$

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13)	$m_x m_y 2_z$	$m_x$	$2_z$	$m_x m_y 2_z$
14)	$m_x m_y 2_z$	$m_y$	$2_z$	$m_x m_y 2_z$
15)	$m_x m_y 2_z$	$2_z$	$m_x$	$m_x m_y 2_z$
16)	$m_x m_y m_z$	$1$	$2_x$	$2_x$
			$2_y$	$2_y$
			$2_z$	$2_z$
			$\bar{1}$	$\bar{1}$
			$m_x$	$m_x$
			$m_y$	$m_y$
			$m_z$	$m_z$
17)	$m_x m_y m_z$	$\bar{1}$	$2_x$	$2_x/m_x$
			$2_y$	$2_y/m_y$
			$2_z$	$2_z/m_z$
18)	$m_x m_y m_z$	$2_x$	$2_y$	$2_x 2_y 2_z$
			$\bar{1}$	$2_x/m_x$
			$m_y$	$m_y m_z 2_x$
19)	$m_x m_y m_z$	$2_y$	$2_x$	$2_x 2_y 2_z$
			$\bar{1}$	$2_y/m_y$
			$m_x$	$m_z m_x 2_y$
20)	$m_x m_y m_z$	$2_z$	$2_x$	$2_x 2_y 2_z$
			$\bar{1}$	$2_z/m_z$
			$m_x$	$m_x m_y 2_z$
21)	$m_x m_y m_z$	$m_x$	$2_x$	$2_x/m_x$
			$2_y$	$m_z m_x 2_y$
			$2_z$	$m_x m_y 2_z$

Table 1 - 2

22)	$m_x m_y m_z$	$m_y$	$2_x$ $2_y$ $2_z$	$m_y m_z 2_x$ $2_y / m_y$ $m_x m_y 2_z$
23)	$m_x m_y m_z$	$m_z$	$2_x$ $2_y$ $2_z$	$m_y m_z 2_x$ $m_z m_x 2_y$ $2_z / m_z$
24)	$m_x m_y m_z$	$m_y m_z 2_x$	$2_y$	$m_x m_y m_z$
25)	$m_x m_y m_z$	$m_z m_x 2_y$	$2_x$	$m_x m_y m_z$
26)	$m_x m_y m_z$	$m_x m_y 2_z$	$2_x$	$m_x m_y m_z$
27)	$m_x m_y m_z$	$2_x 2_y 2_z$	$\bar{1}$	$m_x m_y m_z$
28)	$m_x m_y m_z$	$2_x / m_x$	$2_y$	$m_x m_y m_z$
29)	$m_x m_y m_z$	$2_y / m_y$	$2_x$	$m_x m_y m_z$
30)	$m_x m_y m_z$	$2_z / m_z$	$2_x$	$m_x m_y m_z$
31)	$4_z$	$1$	$2_z$ $4_z$ $4_z^3$	$2_z$ $4_z$ $4_z$
32)	$4_z$	$2_z$	$4_z$	$4_z$
33)	$\bar{4}_z$	$1$	$2_z$ $\bar{4}_z$ $\bar{4}_z^3$	$2_z$ $\bar{4}_z$ $\bar{4}_z$
34)	$\bar{4}_z$	$2_z$	$\bar{4}_z$	$\bar{4}_z$

Table 1 - 3

35)	$4_z/m_z$	<b>1</b>	$2_z$ $4_z$ $4_z^3$ $\bar{1}$ $m_z$ $\bar{4}_z$ $\bar{4}_z^3$	$2_z$ $4_z$ $4_z$ $\bar{1}$ $m_z$ $\bar{4}_z$ $\bar{4}_z$
36)	$4_z/m_z$	$2_z$	$4_z$ $\bar{1}$ $\bar{4}_z$	$4_z$ $2_z/m_z$ $\bar{4}_z$
37)	$4_z/m_z$	$m_z$	$2_z$ $4_z$ $4_z^3$	$2_z/m_z$ $4_z/m_z$ $4_z/m_z$
38)	$4_z/m_z$	$\bar{1}$	$2_z$ $4_z$ $4_z^3$	$2_z/m_z$ $4_z/m_z$ $4_z/m_z$
39)	$4_z/m_z$	$\bar{4}_z$	$4_z$	$4_z/m_z$
40)	$4_z/m_z$	$4_z$	$\bar{1}$	$4_z/m_z$
41)	$4_z/m_z$	$2_z/m_z$	$4_z$	$4_z/m_z$
42)	$4_z^2 2_{xy}$	<b>1</b>	$2_x$ $2_y$ $2_z$ $2_{\bar{x}y}$ $4_z$ $4_z^3$ $2_{xy}$	$2_x$ $2_y$ $2_z$ $2_{\bar{x}y}$ $4_z$ $4_z$ $2_{xy}$

Table 1 - 4

43)	$4_2 2_x 2_{xy}$	$2_x$	$2_y$ $2_{xy}$	$2_x 2_y 2_z$ $4_2 2_x 2_{xy}$
44)	$4_2 2_x 2_{xy}$	$2_{xy}$	$2_x$ $2_z$	$4_2 2_x 2_{xy}$ $2_{xy} 2_{\bar{x}y} 2_z$
45)	$4_2 2_x 2_{xy}$	$2_z$	$2_x$ $2_{\bar{x}y}$ $4_z$	$2_x 2_y 2_z$ $2_{xy} 2_{\bar{x}y} 2_z$ $4_z$
46)	$4_2 2_x 2_{xy}$	$2_{xy} 2_{\bar{x}y} 2_z$	$2_x$	$4_2 2_x 2_{xy}$
47)	$4_2 2_x 2_{xy}$	$2_x 2_y 2_z$	$2_{\bar{x}y}$	$4_2 2_x 2_{xy}$
48)	$4_2 2_x 2_{xy}$	$4_z$	$2_x$	$4_2 2_x 2_{xy}$
49)	$4_2 m_x m_{xy}$	1	$2_z$ $4_z$ $4_z^3$ $m_x$ $m_y$ $m_{xy}$ $m_{\bar{x}y}$	$2_z$ $4_z$ $4_z$ $m_x$ $m_y$ $m_{xy}$ $m_{\bar{x}y}$
50)	$4_2 m_x m_{xy}$	$m_x$	$2_z$ $4_z$	$m_x m_y 2_z$ $4_2 m_x m_{xy}$
51)	$4_2 m_x m_{xy}$	$m_{xy}$	$2_z$ $4_z$	$m_{xy} m_{\bar{x}y} 2_z$ $4_2 m_x m_{xy}$
52)	$4_2 m_x m_{xy}$	$2_z$	$4_z$ $m_x$ $m_{\bar{x}y}$	$4_z$ $m_x m_y 2_z$ $m_{xy} m_{\bar{x}y} 2_z$

Table 1 - 5

53)	$4_z m_x m_{xy}$	$m_{xy} m_{xy}^{-2} 2_z$	$4_z$	$4_z m_x m_{xy}$
54)	$4_z m_x m_{xy}$	$m_x m_y 2_z$	$4_z$	$4_z m_x m_{xy}$
55)	$4_z m_x m_{xy}$	$4_z$	$m_x$	$4_z m_x m_{xy}$
56)	$\bar{4}_z 2_x m_{xy}$	1	$2_x$ $2_y$ $2_z$ $m_{xy}$ $\bar{4}_z$ $\bar{4}_z^3$ $m_{xy}$	$2_x$ $2_y$ $2_z$ $m_{xy}$ $\bar{4}_z$ $\bar{4}_z$ $m_{xy}$
57)	$\bar{4}_z 2_x m_{xy}$	$2_x$	$2_y$ $m_{xy}$	$2_x 2_y 2_z$ $\bar{4}_z 2_x m_{xy}$
58)	$\bar{4}_z 2_x m_{xy}$	$m_{xy}$	$2_x$ $2_z$	$\bar{4}_z 2_x m_{xy}$ $m_{xy} m_{xy}^{-2} 2_z$
59)	$\bar{4}_z 2_x m_{xy}$	$2_z$	$2_x$ $m_{xy}$ $\bar{4}_z$	$2_x 2_y 2_z$ $m_{xy} m_{xy}^{-2} 2_z$ $\bar{4}_z$
60)	$\bar{4}_z 2_x m_{xy}$	$m_{xy} m_{xy}^{-2} 2_z$	$2_x$	$\bar{4}_z 2_x m_{xy}$
61)	$\bar{4}_z 2_x m_{xy}$	$2_x 2_y 2_z$	$m_{xy}$	$\bar{4}_z 2_x m_{xy}$
62)	$\bar{4}_z 2_x m_{xy}$	$\bar{4}_z$	$2_x$	$\bar{4}_z 2_x m_{xy}$
63)	$4_z / m_z m_x m_{xy}$	1	$2_x$ $2_y$ $2_z$ $2_{xy}$	$2_x$ $2_y$ $2_z$ $2_{xy}$

Table 1 - 6



			$4_z$	$4_z$
			$4_z^3$	$4_z$
			$2_{xy}$	$2_{xy}$
			$\bar{1}$	$\bar{1}$
			$m_x$	$m_x$
			$m_y$	$m_y$
			$m_z$	$m_z$
			$m_{xy}$	$m_{xy}$
			$\bar{4}_z$	$\bar{4}_z$
			$\bar{4}_z^3$	$\bar{4}_z$
			$m_{\bar{xy}}$	$m_{\bar{xy}}$
64)	$4_z/m_z m_x m_{xy}$	$2_x$	$2_y$	$2_x 2_y 2_z$
			$2_{\bar{xy}}$	$4_z 2_x 2_{xy}$
			$\bar{1}$	$2_x/m_x$
			$m_y$	$m_y m_z 2_x$
			$m_{\bar{xy}}$	$\bar{4}_z 2_x m_{xy}$
65)	$4_z/m_z m_x m_{xy}$	$2_{xy}$	$2_x$	$4_z 2_x 2_{xy}$
			$2_z$	$2_{xy} 2_{\bar{xy}} 2_z$
			$\bar{1}$	$2_{xy}/m_{xy}$
			$m_x$	$\bar{4}_z 2_{xy} m_x$
			$m_z$	$m_{\bar{xy}} m_z 2_{xy}$
66)	$4_z/m_z m_x m_{xy}$	$m_x$	$2_x$	$2_x/m_x$
			$2_y$	$m_z m_x 2_y$
			$2_z$	$m_x m_y 2_z$
			$2_{\bar{xy}}$	$\bar{4}_z 2_{xy} m_x$
			$4_z$	$4_z m_x m_{xy}$
67)	$4_z/m_z m_x m_{xy}$	$m_{xy}$	$2_x$	$\bar{4}_z 2_x m_{xy}$
			$2_z$	$m_{xy} m_{\bar{xy}} 2_z$
			$2_{\bar{xy}}$	$m_{xy} m_z 2_{\bar{xy}}$
			$4_z$	$4_z m_x m_{xy}$

Table 1 - 7

			$2_{xy}$	$2_{xy}/m_{xy}$
68)	$4_z/m_z m_x m_{xy}$	$m_z$	$2_x$	$m_y m_z 2_x$
			$2_y$	$m_z m_x 2_y$
			$2_z$	$2_z/m_z$
			$2_{\bar{xy}}$	$m_{xy} m_z 2_{\bar{xy}}$
			$4_z$	$4_z/m_z$
			$4_z^3$	$4_z/m_z$
			$2_{xy}$	$m_{\bar{xy}} m_z 2_{xy}$
69)	$4_z/m_z m_x m_{xy}$	$m_y m_z 2_x$	$2_y$	$m_x m_y m_z$
			$2_{\bar{xy}}$	$4_z/m_z m_x m_{xy}$
70)	$4_z/m_z m_x m_{xy}$	$m_{\bar{xy}} m_z 2_{xy}$	$2_x$	$4_z/m_z m_x m_{xy}$
			$2_{\bar{xy}}$	$m_z m_{xy} m_{\bar{xy}}$
71)	$4_z/m_z m_x m_{xy}$	$\bar{1}$	$2_x$	$2_x/m_x$
			$2_y$	$2_y/m_y$
			$2_z$	$2_z/m_z$
			$2_{\bar{xy}}$	$2_{\bar{xy}}/m_{\bar{xy}}$
			$4_z$	$4_z/m_z$
			$4_z^3$	$4_z/m_z$
			$2_{xy}$	$2_{xy}/m_{xy}$
72)	$4_z/m_z m_x m_{xy}$	$2_x/m_x$	$2_y$	$m_x m_y m_z$
			$2_{\bar{xy}}$	$4_z/m_z m_x m_{xy}$
73)	$4_z/m_z m_x m_{xy}$	$2_{xy}/m_{xy}$	$2_x$	$4_z/m_z m_x m_{xy}$
			$2_z$	$m_z m_{xy} m_{\bar{xy}}$
74)	$4_z/m_z m_x m_{xy}$	$2_z$	$2_x$	$2_x 2_y 2_z$
			$2_{\bar{xy}}$	$2_{xy} 2_{\bar{xy}} 2_z$
			$4_z$	$4_z$
			$\bar{1}$	$2_z/m_z$

Table 1 - 8

			$m_x$	$m_x m_y 2_z$
			$m_{\bar{x}y}$	$m_{xy} m_{\bar{x}y} 2_z$
			$\bar{4}_z$	$\bar{4}_z$
75)	$4_z/m_z m_x m_{xy}$	$2_z/m_z$	$2_x$	$m_x m_y m_z$
			$2_{\bar{x}y}$	$m_z m_{xy} m_{\bar{x}y}$
			$4_z$	$4_z/m_z$
76)	$4_z/m_z m_x m_{xy}$	$2_x 2_y 2_z$	$2_{\bar{x}y}$	$4_z 2_x 2_{xy}$
			$\bar{1}$	$m_x m_y m_z$
			$m_{\bar{x}y}$	$\bar{4}_z 2_x m_{xy}$
77)	$4_z/m_z m_x m_{xy}$	$2_{xy} 2_{\bar{x}y} 2_z$	$2_x$	$4_z 2_x 2_{xy}$
			$\bar{1}$	$m_z m_{xy} m_{\bar{x}y}$
			$m_x$	$\bar{4}_z 2_{xy} m_x$
78)	$4_z/m_z m_x m_{xy}$	$m_x m_y 2_z$	$2_x$	$m_x m_y m_z$
			$2_{\bar{x}y}$	$\bar{4}_z 2_{xy} m_x$
			$4_z$	$4_z m_x m_{xy}$
79)	$4_z/m_z m_x m_{xy}$	$m_{xy} m_{\bar{x}y} 2_z$	$2_x$	$\bar{4}_z 2_x m_{xy}$
			$2_{\bar{x}y}$	$m_z m_{xy} m_{\bar{x}y}$
			$4_z$	$4_z m_x m_{xy}$
80)	$4_z/m_z m_x m_{xy}$	$4_z$	$2_x$	$4_z 2_x 2_{xy}$
			$\bar{1}$	$4_z/m_z$
			$m_x$	$4_z m_x m_{xy}$
81)	$4_z/m_z m_x m_{xy}$	$\bar{4}_z$	$2_x$	$\bar{4}_z 2_x m_{xy}$
			$2_{\bar{x}y}$	$\bar{4}_z 2_{xy} m_x$
			$4_z$	$4_z/m_z$
82)	$4_z/m_z m_x m_{xy}$	$\bar{4}_z 2_{xy} m_x$	$2_x$	$4_z/m_z m_x m_{xy}$

Table 1 - 9

83)	$4_z/m_z m_x m_{xy}$	$\overline{4}_z 2_x m_{xy}$	$2_{\overline{xy}}$	$4_z/m_z m_x m_{xy}$
84)	$4_z/m_z m_x m_{xy}$	$4_z m_x m_{xy}$	$2_x$	$4_z/m_z m_x m_{xy}$
85)	$4_z/m_z m_x m_{xy}$	$4_z 2_x 2_{xy}$	$\overline{1}$	$4_z/m_z m_x m_{xy}$
86)	$4_z/m_z m_x m_{xy}$	$m_{xy} m_{\overline{xy}} m_z$	$2_x$	$4_z/m_z m_x m_{xy}$
87)	$4_z/m_z m_x m_{xy}$	$m_x m_y m_z$	$2_{\overline{xy}}$	$4_z/m_z m_x m_{xy}$
88)	$4_z/m_z m_x m_{xy}$	$4_z/m_z$	$2_x$	$4_z/m_z m_x m_{xy}$
89)	$3_z$	$1$	$3_z$ $3_z^2$	$3_z$ $3_z$
90)	$3_z 2_x$	$1$	$3_z$ $3_z^2$ $2_x$ $2_{xy}$ $2_y$	$3_z$ $3_z$ $2_x$ $2_{xy}$ $2_y$
91)	$3_z 2_x$	$2_x$	$3_z$	$3_z 2_x$
92)	$3_z 2_x$	$3_z$	$2_x$	$3_z 2_x$
93)	$3_z m_x$	$1$	$3_z$ $3_z^2$ $m_x$ $m_{xy}$ $m_y$	$3_z$ $3_z$ $m_x$ $m_{xy}$ $m_y$
94)	$3_z m_x$	$m_x$	$3_z$	$3_z m_x$
95)	$3_z m_x$	$3_z$	$m_x$	$3_z m_x$

Table 1 - 10

96)	$\bar{3}_z$	<b>1</b>	$3_z$ $3_z^2$ $\bar{1}$ $\bar{3}_z$ $\bar{3}_z^5$	$3_z$ $3_z$ $\bar{1}$ $\bar{3}_z$ $\bar{3}_z$
97)	$\bar{3}_z$	$\bar{1}$	$3_z$ $3_z^2$	$\bar{3}_z$ $3_z$
98)	$\bar{3}_z$	$3_z$	$\bar{1}$	$\bar{3}_z$
99)	$6_z$	<b>1</b>	$6_z$ $6_z^5$ $3_z$ $3_z^2$ $2_z$	$6_z$ $6_z$ $3_z$ $3_z$ $2_z$
100)	$6_z$	$2_z$	$6_z$ $6_z^5$	$6_z$ $6_z$
101)	$6_z$	$3_z$	$6_z$	$6_z$
102)	$\bar{6}_z$	<b>1</b>	$3_z$ $3_z^2$ $\bar{6}_z$ $\bar{6}_z^5$ $m_z$	$3_z$ $3_z$ $\bar{6}_z$ $\bar{6}_z$ $m_z$
103)	$\bar{6}_z$	$m_z$	$3_z$ $3_z^2$	$\bar{6}_z$ $\bar{6}_z$
104)	$\bar{6}_z$	$3_z$	$\bar{6}_z$	$\bar{6}_z$

Table 1 - 11

105)	$6_z/m_z$	<b>1</b>	$6_z$ $6_z^5$ $3_z$ $3_z^2$ $2_z$ $\bar{1}$ $\bar{6}_z$ $\bar{6}_z^5$ $\bar{3}_z$ $\bar{3}_z^5$ $m_z$	$6_z$ $6_z$ $3_z$ $3_z$ $2_z$ $\bar{1}$ $\bar{6}_z$ $\bar{6}_z$ $\bar{3}_z$ $\bar{3}_z$ $m_z$
106)	$6_z/m_z$	$m_z$	$6_z$ $6_z^5$ $3_z$ $3_z^2$ $2_z$	$6_z/m_z$ $6_z/m_z$ $\bar{6}_z$ $\bar{6}_z$ $2_z/m_z$
107)	$6_z/m_z$	$2_z$	$6_z$ $6_z^5$ $\bar{1}$ $\bar{6}_z$ $\bar{6}_z^5$	$6_z$ $6_z$ $2_z/m_z$ $6_z/m_z$ $6_z/m_z$
108)	$6_z/m_z$	$\bar{1}$	$6_z$ $6_z^5$ $3_z$ $3_z^3$ $2_z$	$6_z/m_z$ $6_z/m_z$ $\bar{3}_z$ $\bar{3}_z$ $2_z/m_z$
109)	$6_z/m_z$	$2_z/m_z$	$6_z$ $6_z^5$	$6_z/m_z$ $6_z/m_z$

Table 1 - 12

110)	$6_z/m_z$	$3_z$	$6_z$ $\bar{1}$ $\bar{6}_z$	$6_z$ $\bar{3}_z$ $\bar{6}_z$
111)	$6_z/m_z$	$\bar{6}_z$	$6_z$	$6_z/m_z$
112)	$6_z/m_z$	$6_z$	$\bar{1}$	$6_z/m_z$
113)	$6_z/m_z$	$\bar{3}_z$	$6_z$	$6_z/m_z$
114)	$\bar{3}_z m_x$	$1$	$3_z$ $3_z^2$ $2_x$ $2_{xy}$ $2_y$ $\bar{1}$ $\bar{3}_z$ $\bar{3}_z^5$ $m_x$ $m_{xy}$ $m_y$	$3_z$ $3_z$ $2_x$ $2_{xy}$ $2_y$ $\bar{1}$ $\bar{3}_z$ $\bar{3}_z$ $m_x$ $m_{xy}$ $m_y$
115)	$\bar{3}_z m_x$	$2_x$	$3_z$ $\bar{1}$ $\bar{3}_z$	$3_z 2_x$ $2_x/m_x$ $\bar{3}_z m_x$
116)	$\bar{3}_z m_x$	$m_x$	$3_z$ $2_x$ $2_{xy}$	$3_z m_x$ $2_x/m_x$ $\bar{3}_z m_x$
117)	$\bar{3}_z m_x$	$\bar{1}$	$3_z$ $3_z^2$ $2_x$ $2_{xy}$	$\bar{3}_z$ $\bar{3}_z$ $2_x/m_x$ $2_{xy}/m_{xy}$

Table 1 - 13

			$2_y$	$2_y/m_y$
118)	$\bar{3}_2 m_x$	$2_x/m_x$	$3_z$	$\bar{3}_2 m_x$
119)	$\bar{3}_2 m_x$	$3_z$	$2_x$ $\bar{1}$ $m_x$	$3_2 2_x$ $\bar{3}_z$ $3_2 m_x$
120)	$\bar{3}_2 m_x$	$3_2 m_x$	$2_x$	$\bar{3}_2 m_x$
121)	$\bar{3}_2 m_x$	$3_2 2_x$	$\bar{1}$	$\bar{3}_2 m_x$
122)	$\bar{3}_2 m_x$	$\bar{3}_z$	$2_x$	$\bar{3}_2 m_x$
123)	$6_2 2_x 2_1$	$1$	$6_z$ $6_z^5$ $3_z$ $3_z^2$ $2_z$ $2_x$ $2_1$ $2_{xy}$ $2_2$ $2_y$ $2_3$	$6_z$ $6_z$ $3_z$ $3_z$ $2_z$ $2_x$ $2_1$ $2_{xy}$ $2_2$ $2_y$ $2_3$
124)	$6_2 2_x 2_1$	$2_1$	$6_z$ $3_z$ $2_z$	$6_2 2_x 2_1$ $3_2 2_1$ $2_y 2_1 2_z$
125)	$6_2 2_x 2_1$	$2_x$	$6_z$ $3_z$ $2_z$	$6_2 2_x 2_1$ $3_2 2_x$ $2_x 2_2 2_z$

Table 1 - 14



126)	$6_2 2_x 2_1$	$2_z$	$6_z$ $6_z^5$ $2_x$ $2_1$ $2_{xy}$	$6_z$ $6_z$ $2_x 2_2 2_z$ $2_y 2_1 2_z$ $2_{xy} 2_3 2_z$
127)	$6_2 2_x 2_1$	$2_x 2_2 2_z$	$6_z$	$6_2 2_x 2_1$
128)	$6_2 2_x 2_1$	$3_z$	$6_z$ $2_x$ $2_1$	$6_z$ $3_2 2_x$ $3_2 2_1$
129)	$6_2 2_x 2_1$	$3_2 2_x$	$6_z$	$6_2 2_x 2_1$
130)	$6_2 2_x 2_1$	$3_2 2_1$	$6_z$	$6_2 2_x 2_1$
131)	$6_2 2_x 2_1$	$6_z$	$2_x$	$6_2 2_x 2_1$
132)	$6_2 m_x m_1$	$1$	$6_z$ $6_z^5$ $3_z$ $3_z^2$ $2_z$ $m_x$ $m_1$ $m_{xy}$ $m_2$ $m_y$ $m_3$	$6_z$ $6_z$ $3_z$ $3_z$ $2_z$ $m_x$ $m_1$ $m_{xy}$ $m_2$ $m_y$ $m_3$
133)	$6_2 m_x m_1$	$m_1$	$6_z$ $3_z$ $2_z$	$6_2 m_x m_1$ $3_2 m_1$ $m_y m_1 2_z$

Table 1 - 15

134)	$6_2 m_x m_1$	$m_x$	$6_z$ $3_z$ $2_z$	$6_2 m_x m_1$ $3_2 m_x$ $m_x m_2 2_z$
135)	$6_2 m_x m_1$	$2_z$	$6_z$ $6_z^5$ $m_x$ $m_1$ $m_{xy}$	$6_z$ $6_z$ $m_x m_2 2_z$ $m_y m_1 2_z$ $m_{xy} m_3 2_z$
136)	$6_2 m_x m_1$	$m_x m_2 2_z$	$6_z$	$6_2 m_x m_1$
137)	$6_2 m_x m_1$	$3_z$	$6_z$ $m_x$ $m_1$	$6_z$ $3_2 m_x$ $3_2 m_1$
138)	$6_2 m_x m_1$	$3_2 m_x$	$6_z$	$6_2 m_x m_1$
139)	$6_2 m_x m_1$	$3_2 m_1$	$6_z$	$6_2 m_x m_1$
140)	$6_2 m_x m_1$	$6_z$	$m_x$	$6_2 m_x m_1$
141)	$\bar{6}_2 m_x 2_1$	$1$	$3_z$ $3_z^2$ $2_1$ $2_2$ $2_3$ $\bar{6}_z$ $\bar{6}_z^5$ $m_z$ $m_x$ $m_{xy}$ $m_y$	$3_z$ $3_z$ $2_1$ $2_2$ $2_3$ $\bar{6}_z$ $\bar{6}_z$ $m_z$ $m_x$ $m_{xy}$ $m_y$

Table 1 - 16

142)	$\bar{6}_z m_x 2_1$	$2_1$	$3_z$ $\bar{6}_z$ $m_z$	$3_2 2_1$ $\bar{6}_z m_x 2_1$ $m_z m_y 2_1$
143)	$\bar{6}_z m_x 2_1$	$m_x$	$3_z$ $2_1$ $2_2$	$3_2 m_x$ $\bar{6}_z m_x 2_1$ $m_z m_x 2_2$
144)	$\bar{6}_z m_x 2_1$	$m_z$	$3_z$ $3_z^2$ $2_1$ $2_2$ $2_3$	$\bar{6}_z$ $\bar{6}_z$ $m_z m_y 2_1$ $m_z m_x 2_2$ $m_z m_{xy} 2_3$
145)	$\bar{6}_z m_x 2_1$	$m_z m_y 2_1$	$3_z$	$\bar{6}_z m_x 2_1$
146)	$\bar{6}_z m_x 2_1$	$3_z$	$2_1$ $\bar{6}_z$ $m_x$	$3_2 2_1$ $\bar{6}_z$ $3_2 m_x$
147)	$\bar{6}_z m_x 2_1$	$3_2 m_x$	$2_1$	$\bar{6}_z m_x 2_1$
148)	$\bar{6}_z m_x 2_1$	$3_2 2_1$	$\bar{6}_z$	$\bar{6}_z m_x 2_1$
149)	$\bar{6}_z m_x 2_1$	$\bar{6}_z$	$2_1$	$\bar{6}_z m_x 2_1$
150)	$6_z / m_z m_x m_1$	$1$	$6_z$ $6_z^5$ $3_z$ $3_z^2$ $2_z$ $2_x$ $2_1$ $2_{xy}$	$6_z$ $6_z$ $3_z$ $3_z$ $2_z$ $2_x$ $2_1$ $2_{xy}$

Table 1 - 17

			$2_2$	$2_2$
			$2_y$	$2_y$
			$2_3$	$2_3$
			$\bar{1}$	$\bar{1}$
			$\bar{6}_z$	$\bar{6}_z$
			$\bar{6}_z^5$	$\bar{6}_z$
			$\bar{3}_z$	$\bar{3}_z$
			$\bar{3}_z^5$	$\bar{3}_z$
			$m_z$	$m_z$
			$m_x$	$m_x$
			$m_1$	$m_1$
			$m_{xy}$	$m_{xy}$
			$m_2$	$m_2$
			$m_y$	$m_y$
			$m_3$	$m_3$
151)	$6_z/m_z m_x m_1$	$2_x$	$6_z$	$6_z 2_x 2_1$
			$3_z$	$3_z 2_x$
			$2_z$	$2_x 2_2 2_z$
			$\bar{1}$	$2_x/m_x$
			$\bar{6}_z$	$\bar{6}_z m_1 2_x$
			$\bar{3}_z$	$\bar{3}_z m_x$
			$m_z$	$m_z m_2 2_x$
152)	$6_z/m_z m_x m_1$	$2_1$	$6_z$	$6_z 2_x 2_1$
			$3_z$	$3_z 2_1$
			$2_z$	$2_y 2_1 2_z$
			$\bar{1}$	$2_1/m_1$
			$\bar{6}_z$	$\bar{6}_z m_x 2_1$
			$\bar{3}_z$	$\bar{3}_z m_1$
			$m_z$	$m_z m_y 2_1$

Table 1 - 18

153)	$6_z/m_z m_x m_1$	$m_x$	$6_z$ $3_z$ $2_z$ $2_x$ $2_1$ $2_{xy}$ $2_2$	$6_z m_x m_1$ $3_z m_x$ $m_x m_2 2_z$ $2_x/m_x$ $\overline{6}_z m_x 2_1$ $\overline{3}_z m_x$ $m_z m_x 2_2$
154)	$6_z/m_z m_x m_1$	$m_1$	$6_z$ $3_z$ $2_z$ $2_x$ $2_1$ $2_2$ $2_y$	$6_z m_x m_1$ $3_z m_1$ $m_y m_1 2_z$ $\overline{6}_z m_1 2_x$ $2_1/m_1$ $\overline{3}_z m_1$ $m_z m_1 2_y$
155)	$6_z/m_z m_x m_1$	$m_z$	$6_z$ $6_z^5$ $3_z$ $3_z^2$ $2_z$ $2_x$ $2_1$ $2_{xy}$ $2_2$ $2_y$ $2_3$	$6_z/m_z$ $6_z/m_z$ $\overline{6}_z$ $\overline{6}_z$ $2_z/m_z$ $m_z m_2 2_x$ $m_z m_y 2_1$ $m_z m_3 2_{xy}$ $m_z m_x 2_2$ $m_z m_1 2_y$ $m_z m_{xy} 2_3$
156)	$6_z/m_z m_x m_1$	$m_z m_2 2_x$	$6_z$ $3_z$ $2_z$	$6_z/m_z m_x m_1$ $\overline{6}_z m_1 2_x$ $m_x m_2 m_z$
157)	$6_z/m_z m_x m_1$	$m_z m_x 2_2$	$6_z$ $3_z$	$6_z/m_z m_x m_1$ $\overline{6}_z m_x 2_1$

Table 1 - 19

			$2_z$	$m_x m_2 m_z$
158)	$6_2/m_2 m_x m_1$	$\bar{1}$	$6_z$	$6_2/m_z$
			$6_z^5$	$6_2/m_z$
			$3_z$	$\bar{3}_z$
			$3_z^2$	$\bar{3}_z$
			$2_z$	$2_z/m_z$
			$2_x$	$2_x/m_x$
			$2_1$	$2_1/m_1$
			$2_{xy}$	$2_{xy}/m_{xy}$
			$2_2$	$2_2/m_2$
			$2_y$	$2_y/m_y$
			$2_3$	$2_3/m_3$
159)	$6_2/m_2 m_x m_1$	$2_x/m_x$	$6_z$	$6_2/m_2 m_x m_1$
			$3_z$	$\bar{3}_z m_x$
			$2_z$	$m_x m_2 m_z$
160)	$6_2/m_2 m_x m_1$	$2_1/m_1$	$6_z$	$6_2/m_2 m_x m_1$
			$3_z$	$\bar{3}_z m_1$
			$2_z$	$m_y m_1 m_z$
161)	$6_2/m_2 m_x m_1$	$2_z$	$6_z$	$6_z$
			$6_z^5$	$6_z$
			$2_x$	$2_x 2_2 2_z$
			$2_1$	$2_y 2_1 2_z$
			$2_{xy}$	$2_{xy} 2_3 2_z$
			$\bar{1}$	$2_z/m_z$
			$\bar{6}_z$	$6_z/m_z$
			$\bar{6}_z^5$	$6_z/m_z$
			$m_x$	$m_x m_2 2_z$
			$m_1$	$m_y m_1 2_z$
			$m_{xy}$	$m_{xy} m_3 2_z$

Table 1 - 20

162)	$6_2/m_2m_xm_1$	$2_x2_22_z$	$6_z$ $\bar{1}$ $\bar{6}_z$	$6_22_x2_1$ $m_xm_2m_z$ $6_2/m_2m_xm_1$
163)	$6_2/m_2m_xm_1$	$m_xm_22_z$	$6_z$ $2_x$ $2_1$	$6_2m_xm_1$ $m_xm_2m_z$ $6_2/m_2m_xm_1$
164)	$6_2/m_2m_xm_1$	$2_z/m_z$	$6_z$ $6_z^5$ $2_x$ $2_1$ $2_{xy}$	$6_2/m_z$ $6_2/m_z$ $m_xm_2m_z$ $m_y m_1 m_z$ $m_{xy} m_3 m_z$
165)	$6_2/m_2m_xm_1$	$m_xm_2m_z$	$6_z$	$6_2/m_2m_xm_1$
166)	$6_2/m_2m_xm_1$	$3_z$	$6_z$ $2_x$ $2_1$ $\bar{1}$ $\bar{6}_z$ $m_x$ $m_1$	$6_z$ $3_22_x$ $3_22_1$ $\bar{3}_z$ $\bar{6}_z$ $3_2m_x$ $3_2m_1$
167)	$6_2/m_2m_xm_1$	$\bar{3}_z$	$6_z$ $2_x$ $2_1$	$6_2/m_z$ $\bar{3}_2m_x$ $\bar{3}_2m_1$
168)	$6_2/m_2m_xm_1$	$6_z$	$2_x$ $\bar{1}$ $m_x$	$6_22_x2_1$ $6_2/m_z$ $6_2m_xm_1$
169)	$6_2/m_2m_xm_1$	$\bar{6}_z$	$6_z$ $2_x$	$6_2/m_z$ $\bar{6}_2m_12_x$

Table 1 - 21

			$2_1$	$\bar{6}_2 m_x 2_1$
170)	$6_2/m_2 m_x m_1$	$3_2 2_x$	$6_z$ $\bar{1}$ $\bar{6}_z$	$6_2 2_x 2_1$ $\bar{3}_2 m_x$ $\bar{6}_2 m_1 2_x$
171)	$6_2/m_2 m_x m_1$	$3_2 2_1$	$6_z$ $\bar{1}$ $\bar{6}_z$	$6_2 2_x 2_1$ $\bar{3}_2 m_1$ $\bar{6}_2 m_x 2_1$
172)	$6_2/m_2 m_x m_1$	$3_2 m_x$	$6_z$ $2_x$ $2_1$	$6_2 m_x m_1$ $\bar{3}_2 m_x$ $\bar{6}_2 m_x 2_1$
173)	$6_2/m_2 m_x m_1$	$3_2 m_1$	$6_z$ $2_x$ $2_1$	$6_2 m_x m_1$ $\bar{6}_2 m_1 2_x$ $\bar{3}_2 m_1$
174)	$6_2/m_2 m_x m_1$	$\bar{6}_2 m_x 2_1$	$6_z$	$6_2/m_2 m_x m_1$
175)	$6_2/m_2 m_x m_1$	$\bar{6}_2 m_1 2_x$	$6_z$	$6_2/m_2 m_x m_1$
176)	$6_2/m_2 m_x m_1$	$6_2 m_x m_1$	$2_x$	$6_2/m_2 m_x m_1$
177)	$6_2/m_2 m_x m_1$	$6_2 2_x 2_1$	$\bar{1}$	$6_2/m_2 m_x m_1$
178)	$6_2/m_2 m_x m_1$	$\bar{3}_2 m_x$	$6_z$	$6_2/m_2 m_x m_1$
179)	$6_2/m_2 m_x m_1$	$\bar{3}_2 m_1$	$6_z$	$6_2/m_2 m_x m_1$
180)	$6_2/m_2 m_x m_1$	$6_2/m_2$	$2_x$	$6_2/m_2 m_x m_1$
181)	$2_2 3_{xyz}$	$1$	$2_x$ $2_y$	$2_x$ $2_y$

Table 1 - 22



			$2_z$	$2_z$
			$3_{xyz}$	$3_{xyz}$
			$3_{xy\bar{z}}$	$3_{xy\bar{z}}$
			$3_{\bar{x}yz}$	$3_{\bar{x}yz}$
			$3_{\bar{x}\bar{y}z}$	$3_{\bar{x}\bar{y}z}$
			$3_{xyz}^2$	$3_{xyz}$
			$3_{xy\bar{z}}^2$	$3_{xy\bar{z}}$
			$3_{\bar{x}yz}^2$	$3_{\bar{x}yz}$
			$3_{\bar{x}\bar{y}z}^2$	$3_{\bar{x}\bar{y}z}$
182)	$2_z 3_{xyz}$	$2_z$	$2_x$	$2_x 2_y 2_z$
			$3_{xyz}$	$2_z 3_{xyz}$
			$3_{xyz}^2$	$2_z 3_{xyz}$
183)	$2_z 3_{xyz}$	$3_{xyz}$	$2_x$	$2_z 3_{xyz}$
184)	$2_z 3_{xyz}$	$2_x 2_y 2_z$	$3_{xyz}$	$2_z 3_{xyz}$
			$3_{xyz}^2$	$2_z 3_{xyz}$
185)	$m_z \bar{3}_{xyz}$	$1$	$2_x$	$2_x$
			$2_y$	$2_y$
			$2_z$	$2_z$
			$3_{xyz}$	$3_{xyz}$
			$3_{xy\bar{z}}$	$3_{xy\bar{z}}$
			$3_{\bar{x}yz}$	$3_{\bar{x}yz}$
			$3_{\bar{x}\bar{y}z}$	$3_{\bar{x}\bar{y}z}$
			$3_{xyz}^2$	$3_{xyz}$
			$3_{xy\bar{z}}^2$	$3_{xy\bar{z}}$
			$3_{\bar{x}yz}^2$	$3_{\bar{x}yz}$
			$3_{\bar{x}\bar{y}z}^2$	$3_{\bar{x}\bar{y}z}$
			$\bar{1}$	$\bar{1}$
			$m_x$	$m_x$
			$m_y$	$m_y$
			$m_z$	$m_z$

Table 1 - 23

			$\bar{3}_{xyz}$	$\bar{3}_{xyz}$
			$\bar{3}_{xy\bar{z}}$	$\bar{3}_{xy\bar{z}}$
			$\bar{3}_{\bar{x}yz}$	$\bar{3}_{\bar{x}yz}$
			$\bar{3}_{x\bar{y}z}$	$\bar{3}_{x\bar{y}z}$
			$\bar{3}_{xyz}^5$	$\bar{3}_{xyz}$
			$\bar{3}_{xy\bar{z}}^5$	$\bar{3}_{xy\bar{z}}$
			$\bar{3}_{\bar{x}yz}^5$	$\bar{3}_{\bar{x}yz}$
			$\bar{3}_{x\bar{y}z}^5$	$\bar{3}_{x\bar{y}z}$
186)	$m_z \bar{3}_{xyz}$	$m_z$	$2_x$	$m_y m_z 2_x$
			$2_y$	$m_z m_x 2_y$
			$2_z$	$2_z / m_z$
			$3_{xyz}$	$m_z \bar{3}_{xyz}$
			$3_{\bar{x}yz}$	$m_z \bar{3}_{xyz}$
			$3_{xyz}^2$	$m_z \bar{3}_{xyz}$
			$3_{\bar{x}yz}^2$	$m_z \bar{3}_{xyz}$
187)	$m_z \bar{3}_{xyz}$	$2_z$	$2_x$	$2_x 2_y 2_z$
			$3_{xyz}$	$2_z 3_{xyz}$
			$3_{xyz}^2$	$2_z 3_{xyz}$
			$\bar{1}$	$2_z / m_z$
			$m_x$	$m_x m_y 2_z$
			$\bar{3}_{xyz}$	$m_z \bar{3}_{xyz}$
			$\bar{3}_{xyz}^5$	$m_z \bar{3}_{xyz}$
188)	$m_z \bar{3}_{xyz}$	$3_{xyz}$	$2_x$	$2_z 3_{xyz}$
			$\bar{1}$	$\bar{3}_{xyz}$
			$m_x$	$m_z \bar{3}_{xyz}$
189)	$m_z \bar{3}_{xyz}$	$m_x m_y 2_z$	$2_x$	$m_x m_y m_z$
			$3_{xyz}$	$m_z \bar{3}_{xyz}$
			$3_{xyz}^2$	$m_z \bar{3}_{xyz}$

Table 1 - 24

190)	$m_z \bar{3}_{xyz}$	$2_x 2_y 2_z$	$3_{xyz}$ $3_{xyz}^2$ $\bar{1}$ $\bar{3}_{xyz}$ $\bar{3}_{xyz}^5$	$2_z \bar{3}_{xyz}$ $2_z \bar{3}_{xyz}$ $m_x m_y m_z$ $m_z \bar{3}_{xyz}$ $m_z \bar{3}_{xyz}$
191)	$m_z \bar{3}_{xyz}$	$2_z \bar{3}_{xyz}$	$\bar{1}$	$m_z \bar{3}_{xyz}$
192)	$m_z \bar{3}_{xyz}$	$\bar{1}$	$2_x$ $2_y$ $2_z$ $3_{xyz}$ $3_{xy\bar{z}}$ $3_{\bar{x}yz}$ $3_{\bar{x}\bar{y}z}$ $3_{xyz}^2$ $3_{xy\bar{z}}^2$ $3_{\bar{x}yz}^2$ $3_{\bar{x}\bar{y}z}^2$	$2_x/m_x$ $2_y/m_y$ $2_z/m_z$ $\bar{3}_{xyz}$ $\bar{3}_{xy\bar{z}}$ $\bar{3}_{\bar{x}yz}$ $\bar{3}_{\bar{x}\bar{y}z}$ $\bar{3}_{xyz}$ $\bar{3}_{xy\bar{z}}$ $\bar{3}_{\bar{x}yz}$ $\bar{3}_{\bar{x}\bar{y}z}$
193)	$m_z \bar{3}_{xyz}$	$2_z/m_z$	$2_x$ $3_{xyz}$ $3_{xyz}^2$	$m_x m_y m_z$ $m_z \bar{3}_{xyz}$ $m_z \bar{3}_{xyz}$
194)	$m_z \bar{3}_{xyz}$	$\bar{3}_{xyz}$	$2_x$	$m_z \bar{3}_{xyz}$
195)	$m_z \bar{3}_{xyz}$	$m_x m_y m_z$	$3_{xyz}$ $3_{xyz}^2$	$m_z \bar{3}_{xyz}$ $m_z \bar{3}_{xyz}$
196)	$4_z \bar{3}_{xyz} 2_{xy}$	$1$	$2_x$ $2_y$ $2_z$ $3_{xyz}$ $3_{xy\bar{z}}$	$2_x$ $2_y$ $2_z$ $3_{xyz}$ $3_{xy\bar{z}}$

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			$3_{\bar{x}yz}$	$3_{\bar{x}yz}$
			$3_{x\bar{y}z}$	$3_{x\bar{y}z}$
			$3_{xyz}^2$	$3_{xyz}$
			$3_{xy\bar{z}}^2$	$3_{xy\bar{z}}$
			$3_{\bar{x}yz}^2$	$3_{\bar{x}yz}$
			$3_{x\bar{y}z}^2$	$3_{x\bar{y}z}$
			$2_{\bar{x}y}$	$2_{\bar{x}y}$
			$4_z$	$4_z$
			$4_z^3$	$4_z$
			$2_{xy}$	$2_{xy}$
			$2_{\bar{y}z}$	$2_{\bar{y}z}$
			$2_{yz}$	$2_{yz}$
			$4_x$	$4_x$
			$4_x^3$	$4_x$
			$2_{\bar{x}z}$	$2_{\bar{x}z}$
			$4_y$	$4_y$
			$4_y^3$	$4_y$
			$2_{xz}$	$2_{xz}$
197)	$4_z 3_{xyz} 2_{xy}$	$2_z$	$2_x$	$2_x 2_y 2_z$
			$3_{xyz}$	$2_z 3_{xyz}$
			$3_{xyz}^2$	$2_z 3_{xyz}$
			$2_{\bar{x}y}$	$2_{xy} 2_{\bar{x}y} 2_z$
			$4_z$	$4_z$
			$2_{\bar{y}z}$	$4_x 2_y 2_{yz}$
			$2_{\bar{x}z}$	$4_y 2_x 2_{xz}$
198)	$4_z 3_{xyz} 2_{xy}$	$2_{xy}$	$2_x$	$4_z 2_x 2_{xy}$
			$2_z$	$2_{xy} 2_{\bar{x}y} 2_z$
			$3_{xyz}$	$4_z 3_{xyz} 2_{xy}$
			$3_{xyz}^2$	$4_z 3_{xyz} 2_{xy}$
			$3_{\bar{x}yz}$	$3_{\bar{x}yz} 2_{xy}$
			$3_{x\bar{y}z}$	$3_{x\bar{y}z} 2_{xy}$

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199)	$4_2 3_{xyz} 2_{xy}$	$3_{xyz}$	$2_x$ $2_{\bar{x}y}$ $4_z$	$2_2 3_{xyz}$ $3_{xyz} 2_{\bar{x}y}$ $4_2 3_{xyz} 2_{xy}$
200)	$4_2 3_{xyz} 2_{xy}$	$2_{xy} 2_{\bar{x}y} 2_z$	$2_x$ $3_{xyz}$	$4_2 2_x 2_{xy}$ $4_2 3_{xyz} 2_{xy}$
201)	$4_2 3_{xyz} 2_{xy}$	$4_z$	$2_x$ $3_{xyz}$	$4_2 2_x 2_{xy}$ $4_2 3_{xyz} 2_{xy}$
202)	$4_2 3_{xyz} 2_{xy}$	$3_{xyz} 2_{\bar{x}y}$	$2_x$	$4_2 3_{xyz} 2_{xy}$
203)	$4_2 3_{xyz} 2_{xy}$	$2_x 2_y 2_z$	$3_{xyz}$ $3_{xyz}^2$ $2_{\bar{x}y}$ $2_{\bar{y}z}$ $2_{\bar{x}z}$	$2_2 3_{xyz}$ $2_2 3_{xyz}$ $4_2 2_x 2_{xy}$ $4_x 2_y 2_{yz}$ $4_y 2_x 2_{xz}$
204)	$4_2 3_{xyz} 2_{xy}$	$4_2 2_x 2_{xy}$	$3_{xyz}$	$4_2 3_{xyz} 2_{xy}$
205)	$4_2 3_{xyz} 2_{xy}$	$2_2 3_{xyz}$	$2_{xy}$	$4_2 3_{xyz} 2_{xy}$
206)	$\bar{4}_z 3_{xyz} m_{xy}$	1	$2_x$ $2_y$ $2_z$ $3_{xyz}$ $3_{xy\bar{z}}$ $3_{\bar{x}yz}$ $3_{x\bar{y}z}$ $3_{xyz}^2$ $3_{xy\bar{z}}^2$ $3_{\bar{x}yz}^2$ $3_{x\bar{y}z}^2$ $m_{\bar{x}y}$	$2_x$ $2_y$ $2_z$ $3_{xyz}$ $3_{xy\bar{z}}$ $3_{\bar{x}yz}$ $3_{x\bar{y}z}$ $3_{xyz}$ $3_{xy\bar{z}}$ $3_{\bar{x}yz}$ $3_{x\bar{y}z}$ $m_{\bar{x}y}$

Table 1 - 27

			$\bar{4}_z$	$\bar{4}_z$
			$\bar{4}_z^3$	$\bar{4}_z$
			$m_{xy}$	$m_{xy}$
			$m_{\bar{y}z}$	$m_{\bar{y}z}$
			$m_{yz}$	$m_{yz}$
			$\bar{4}_x$	$\bar{4}_x$
			$\bar{4}_x^3$	$\bar{4}_x$
			$m_{\bar{x}z}$	$m_{\bar{x}z}$
			$\bar{4}_y$	$\bar{4}_y$
			$\bar{4}_y^3$	$\bar{4}_y$
			$m_{xz}$	$m_{xz}$
207)	$\bar{4}_z^3 m_{xyz} m_{xy}$	$2_z$	$2_x$	$2_x 2_y 2_z$
			$3_{xyz}$	$2_z 3_{xyz}$
			$3_{xyz}^2$	$2_z 3_{xyz}$
			$m_{\bar{x}y}$	$m_{xy} m_{\bar{x}y} 2_z$
			$\bar{4}_z$	$\bar{4}_z$
			$m_{\bar{y}z}$	$\bar{4}_x 2_z m_{yz}$
			$m_{\bar{x}z}$	$\bar{4}_y 2_z m_{xz}$
208)	$\bar{4}_z^3 m_{xyz} m_{xy}$	$m_{xy}$	$2_x$	$\bar{4}_z 2_x m_{xy}$
			$2_z$	$m_{xy} m_{\bar{x}y} 2_z$
			$3_{xyz}$	$\bar{4}_z 3_{xyz} m_{xy}$
			$3_{xyz}^2$	$\bar{4}_z 3_{xyz} m_{xy}$
			$3_{\bar{x}yz}$	$3_{\bar{x}yz} m_{xy}$
			$3_{\bar{y}z}$	$3_{\bar{y}z} m_{xy}$
209)	$\bar{4}_z^3 m_{xyz} m_{xy}$	$3_{xyz}$	$2_x$	$2_z 3_{xyz}$
			$m_{\bar{x}y}$	$3_{xyz} m_{\bar{x}y}$
			$\bar{4}_z$	$\bar{4}_z 3_{xyz} m_{xy}$
210)	$\bar{4}_z^3 m_{xyz} m_{xy}$	$m_{xy} m_{\bar{x}y} 2_z$	$2_x$	$\bar{4}_z 2_x m_{xy}$
			$3_{xyz}$	$\bar{4}_z 3_{xyz} m_{xy}$

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211)	$\bar{4}_z 3_{xyz} m_{xy}$	$\bar{4}_z$	$2_x$ $3_{xyz}$	$\bar{4}_z 2_x m_{xy}$ $\bar{4}_z 3_{xyz} m_{xy}$
212)	$\bar{4}_z 3_{xyz} m_{xy}$	$3_{xyz} m_{\bar{x}y}$	$2_x$	$\bar{4}_z 3_{xyz} m_{xy}$
213)	$\bar{4}_z 3_{xyz} m_{xy}$	$2_x 2_y 2_z$	$3_{xyz}$ $3_{xyz}^2$ $m_{\bar{x}y}$ $m_{\bar{y}z}$ $m_{\bar{x}z}$	$2_z 3_{xyz}$ $2_x 3_{xyz}$ $\bar{4}_z 2_x m_{xy}$ $\bar{4}_x 2_z m_{yz}$ $\bar{4}_y 2_z m_{xz}$
214)	$\bar{4}_z 3_{xyz} m_{xy}$	$\bar{4}_z 2_x m_{xy}$	$3_{xyz}$	$\bar{4}_z 3_{xyz} m_{xy}$
215)	$\bar{4}_z 3_{xyz} m_{xy}$	$2_z 3_{xyz}$	$m_{\bar{x}y}$	$\bar{4}_z 3_{xyz} m_{xy}$
216)	$m_z \bar{3}_{xyz} m_{xy}$	1	$2_x$ $2_y$ $2_z$ $3_{xyz}$ $3_{xy\bar{z}}$ $3_{\bar{x}yz}$ $3_{x\bar{y}z}$ $3_{xyz}^2$ $3_{xy\bar{z}}^2$ $3_{\bar{x}yz}^2$ $3_{x\bar{y}z}^2$ $2_{\bar{x}y}$ $4_z$ $4_z^3$ $2_{xy}$ $2_{\bar{y}z}$ $2_{yz}$ $4_x$ $4_x^3$	$2_x$ $2_y$ $2_z$ $3_{xyz}$ $3_{xy\bar{z}}$ $3_{\bar{x}yz}$ $3_{x\bar{y}z}$ $3_{xyz}$ $3_{xy\bar{z}}$ $3_{\bar{x}yz}$ $3_{x\bar{y}z}$ $2_{\bar{x}y}$ $4_z$ $4_x$ $2_{xy}$ $2_{\bar{y}z}$ $2_{yz}$ $4_x$ $4_x$

Table 1 - 29

$2_{\bar{x}z}$	$2_{\bar{x}z}$
$4_y$	$4_y$
$4_y^3$	$4_y$
$2_{xz}$	$2_{xz}$
$\bar{1}$	$\bar{1}$
$m_x$	$m_x$
$m_y$	$m_y$
$m_z$	$m_z$
$\bar{3}_{xyz}$	$\bar{3}_{xyz}$
$\bar{3}_{xy\bar{z}}$	$\bar{3}_{xy\bar{z}}$
$\bar{3}_{\bar{x}yz}$	$\bar{3}_{\bar{x}yz}$
$\bar{3}_{x\bar{y}z}$	$\bar{3}_{x\bar{y}z}$
$\bar{3}_{xyz}^5$	$\bar{3}_{xyz}$
$\bar{3}_{xy\bar{z}}^5$	$\bar{3}_{xy\bar{z}}$
$\bar{3}_{\bar{x}yz}^5$	$\bar{3}_{\bar{x}yz}$
$\bar{3}_{x\bar{y}z}^5$	$\bar{3}_{x\bar{y}z}$
$m_{\bar{x}y}$	$m_{\bar{x}y}$
$\bar{4}_z$	$\bar{4}_z$
$\bar{4}_z^3$	$\bar{4}_z$
$m_{xy}$	$m_{xy}$
$m_{\bar{y}z}$	$m_{\bar{y}z}$
$m_{yz}$	$m_{yz}$
$\bar{4}_x$	$\bar{4}_x$
$\bar{4}_x^3$	$\bar{4}_x$
$m_{\bar{x}z}$	$m_{\bar{x}z}$
$\bar{4}_y$	$\bar{4}_y$
$\bar{4}_y^3$	$\bar{4}_y$
$m_{xz}$	$m_{xz}$

217)  $m_z \bar{3}_{xyz} m_{xy} \quad 2_z$

$2_x$	$2_x 2_y 2_z$
$3_{xyz}$	$2_z 3_{xyz}$
$2_{\bar{x}y}$	$2_{xy} 2_{\bar{x}y} 2_z$
$4_z$	$4_z$
$2_{\bar{y}z}$	$4_x 2_y 2_{yz}$

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			$2_{\bar{x}z}$	$4_2 2_{xz}$
			$\bar{1}$	$2_z/m_z$
			$m_x$	$m_x m_y 2_z$
			$\bar{3}_{xyz}$	$m_z \bar{3}_{xyz}$
			$\bar{3}_{xyz}^5$	$m_z \bar{3}_{xyz}$
			$\bar{4}_z$	$\bar{4}_z$
			$m_{\bar{y}z}$	$\bar{4}_x 2_z m_{yz}$
			$m_{\bar{x}z}$	$\bar{4}_y 2_z m_{xz}$
218)	$m_z \bar{3}_{xyz} m_{xy}$	$m_z$	$2_x$	$m_y m_z 2_x$
			$2_y$	$m_z m_x 2_y$
			$2_z$	$2_z/m_z$
			$3_{xyz}$	$m_z \bar{3}_{xyz}$
			$3_{\bar{x}yz}$	$m_z \bar{3}_{\bar{x}yz}$
			$3_{xyz}^2$	$m_z \bar{3}_{xyz}$
			$3_{\bar{x}yz}^2$	$m_z \bar{3}_{\bar{x}yz}$
			$2_{\bar{x}y}$	$m_{xy} m_z 2_{\bar{x}y}$
			$4_z$	$4_z/m_z$
			$4_z^3$	$4_z/m_z$
			$2_{xy}$	$m_{\bar{x}y} m_z 2_{xy}$
			$4_x$	$4_x m_y m_{yz}$
			$2_{\bar{y}z}$	$\bar{4}_x 2_{yz} m_z$
			$2_{\bar{x}z}$	$\bar{4}_y 2_{xz} m_z$
			$4_y$	$4_y m_x m_{xz}$
219)	$m_z \bar{3}_{xyz} m_{xy}$	$2_{xy}$	$2_x$	$4_z 2_x 2_{xy}$
			$2_z$	$2_{xy} 2_{\bar{x}y} 2_z$
			$3_{xyz}$	$4_z 3_{xyz} 2_{xy}$
			$3_{xyz}^2$	$4_z 3_{xyz} 2_{xy}$
			$3_{\bar{x}yz}$	$3_{\bar{x}yz} 2_{xy}$
			$3_{\bar{x}yz}$	$3_{\bar{x}yz} 2_{xy}$
			$\bar{1}$	$2_{xy}/m_{xy}$
			$m_x$	$\bar{4}_z 2_{xy} m_x$
			$m_z$	$m_{\bar{x}y} m_z 2_{xy}$

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			$\bar{3}_{xyz}$	$m_z \bar{3}_{xyz} m_{xy}$
			$\bar{3}_{xyz}^5$	$m_z \bar{3}_{xyz} m_{xy}$
			$\bar{3}_{\bar{x}yz}$	$\bar{3}_{\bar{x}yz} m_{xy}$
			$\bar{3}_{x\bar{y}z}$	$\bar{3}_{x\bar{y}z} m_{xy}$
220)	$m_z \bar{3}_{xyz} m_{xy}$	$m_{xy}$	$2_x$	$\bar{4}_z 2_x m_{xy}$
			$2_z$	$m_{xy} m_{\bar{x}y} 2_z$
			$3_{xyz}$	$\bar{4}_z 3_{xyz} m_{xy}$
			$3_{xyz}^2$	$\bar{4}_z 3_{xyz} m_{xy}$
			$3_{\bar{x}yz}$	$3_{\bar{x}yz} m_{xy}$
			$3_{x\bar{y}z}$	$3_{x\bar{y}z} m_{xy}$
			$2_{\bar{x}y}$	$m_{xy} m_z 2_{\bar{x}y}$
			$4_z$	$4_z m_x m_{xy}$
			$2_{xy}$	$2_{xy} / m_{xy}$
			$2_{\bar{y}z}$	$\bar{3}_{\bar{x}yz} m_{xy}$
			$2_{yz}$	$\bar{3}_{x\bar{y}z} m_{xy}$
			$4_x$	$m_z \bar{3}_{xyz} m_{xy}$
			$4_x^3$	$m_z \bar{3}_{xyz} m_{xy}$
221)	$m_z \bar{3}_{xyz} m_{xy}$	$3_{xyz}$	$2_x$	$2_z 3_{xyz}$
			$2_{\bar{x}y}$	$3_{xyz} 2_{\bar{x}y}$
			$4_z$	$4_z 3_{xyz} 2_{xy}$
			$\bar{1}$	$\bar{3}_{xyz}$
			$m_x$	$m_x \bar{3}_{xyz}$
			$m_{\bar{x}y}$	$3_{xyz} m_{\bar{x}y}$
			$\bar{4}_z$	$\bar{4}_z 3_{xyz} m_{xy}$
222)	$m_z \bar{3}_{xyz} m_{xy}$	$4_z$	$2_x$	$4_z 2_x 2_{xy}$
			$3_{xyz}$	$4_z 3_{xyz} 2_{xy}$
			$\bar{1}$	$4_z / m_z$
			$m_x$	$4_z m_x m_{xy}$
			$\bar{3}_{xyz}$	$m_z \bar{3}_{xyz} m_{xy}$
223)	$m_z \bar{3}_{xyz} m_{xy}$	$\bar{4}_z$	$2_x$	$\bar{4}_z 2_x m_{xy}$

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			$3_{xyz}$	$\bar{4}_z 3_{xyz} m_{xy}$
			$2_{\bar{x}y}$	$\bar{4}_z 2_{xy} m_x$
			$4_z$	$4_z/m_z$
			$2_{\bar{y}z}$	$m_z \bar{3}_{xyz} m_{xy}$
224)	$m_z \bar{3}_{xyz} m_{xy}$	$m_x m_y 2_z$	$2_x$	$m_x m_y m_z$
			$3_{xyz}$	$m_z \bar{3}_{xyz}$
			$3_{xyz}^2$	$m_z \bar{3}_{xyz}$
			$2_{\bar{x}y}$	$\bar{4}_z 2_{xy} m_x$
			$4_z$	$4_z m_x m_{xy}$
			$2_{\bar{y}z}$	$4_x/m_x m_y m_{yz}$
			$2_{\bar{x}z}$	$4_y/m_y m_x m_{xz}$
225)	$m_z \bar{3}_{xyz} m_{xy}$	$2_{xy} 2_{\bar{x}y} 2_z$	$2_x$	$4_z 2_x 2_{xy}$
			$3_{xyz}$	$4_z 3_{xyz} 2_{xy}$
			$\bar{1}$	$m_z m_{xy} m_{\bar{x}y}$
			$m_x$	$\bar{4}_z 2_{xy} m_x$
			$\bar{3}_{xyz}$	$m_z \bar{3}_{xyz} m_{xy}$
226)	$m_z \bar{3}_{xyz} m_{xy}$	$m_{xy} m_{\bar{x}y} 2_z$	$2_x$	$\bar{4}_z 2_x m_{xy}$
			$3_{xyz}$	$\bar{4}_z 3_{xyz} m_{xy}$
			$2_{\bar{x}y}$	$m_z m_{xy} m_{\bar{x}y}$
			$4_z$	$4_z m_x m_{xy}$
			$2_{\bar{y}z}$	$m_z \bar{3}_{xyz} m_{xy}$
227)	$m_z \bar{3}_{xyz} m_{xy}$	$m_{\bar{x}y} m_z 2_{xy}$	$2_x$	$4_z/m_z m_x m_{xy}$
			$2_z$	$m_z m_{xy} m_{\bar{x}y}$
			$3_{xyz}$	$m_z \bar{3}_{xyz} m_{xy}$
			$3_{\bar{x}yz}$	$m_z \bar{3}_{xyz} m_{xy}$
228)	$m_z \bar{3}_{xyz} m_{xy}$	$3_{xyz} 2_{\bar{x}y}$	$2_x$	$4_z 3_{xyz} 2_{xy}$
			$\bar{1}$	$\bar{3}_{xyz} m_{\bar{x}y}$
			$m_x$	$m_z \bar{3}_{xyz} m_{xy}$

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229)	$m_z \bar{3}_{xyz} m_{xy}$	$3_{xyz} m_{\bar{xy}}$	$2_x$ $2_{\bar{xy}}$ $4_z$	$\bar{4}_z 3_{xyz} m_{xy}$ $\bar{3}_{xyz} m_{\bar{xy}}$ $m_z \bar{3}_{xyz} m_{xy}$
230)	$m_z \bar{3}_{xyz} m_{xy}$	$4_2 m_x m_{xy}$	$2_x$ $3_{xyz}$	$4_z / m_z m_x m_{xy}$ $m_z \bar{3}_{xyz} m_{xy}$
231)	$m_z \bar{3}_{xyz} m_{xy}$	$\bar{4}_2 2_{xy} m_x$	$2_x$ $3_{xyz}$	$4_z / m_z m_x m_{xy}$ $m_z \bar{3}_{xyz} m_{xy}$
232)	$m_z \bar{3}_{xyz} m_{xy}$	$\bar{1}$	$2_x$ $2_y$ $2_z$ $3_{xyz}$ $3_{xy\bar{z}}$ $3_{\bar{xy}z}$ $3_{x\bar{y}z}$ $3_{xy\bar{z}}^2$ $3_{xy\bar{z}}^2$ $3_{\bar{xy}z}^2$ $3_{x\bar{y}z}^2$ $2_{\bar{xy}}$ $4_z$ $4_z^3$ $2_{xy}$ $2_{\bar{yz}}$ $2_{yz}$ $4_x$ $4_x^3$ $2_{\bar{xz}}$ $4_y$ $4_y^3$ $2_{xz}$	$2_x / m_x$ $2_y / m_y$ $2_z / m_z$ $\bar{3}_{xyz}$ $\bar{3}_{xy\bar{z}}$ $\bar{3}_{\bar{xy}z}$ $\bar{3}_{x\bar{y}z}$ $\bar{3}_{xy\bar{z}}$ $\bar{3}_{xy\bar{z}}$ $\bar{3}_{xy\bar{z}}$ $\bar{3}_{xy\bar{z}}$ $2_{\bar{xy}} / m_{\bar{xy}}$ $4_z / m_z$ $4_z / m_z$ $2_{xy} / m_{xy}$ $2_{\bar{yz}} / m_{\bar{yz}}$ $2_{yz} / m_{yz}$ $4_x / m_x$ $4_x / m_x$ $2_{\bar{xz}} / m_{\bar{xz}}$ $4_y / m_y$ $4_y / m_y$ $2_{xz} / m_{xz}$

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233)	$m_z \bar{3}_{xyz} m_{xy}$	$2_z/m_z$	$2_x$ $3_{xyz}$ $3_{xyz}^2$ $2_{\bar{x}y}$ $4_z$ $2_{\bar{y}z}$ $2_{\bar{x}z}$	$m_x m_y m_z$ $m_z \bar{3}_{xyz}$ $m_z \bar{3}_{xyz}$ $m_z m_{xy} m_{\bar{x}y}$ $4_z/m_z$ $4_x/m_x m_y m_{yz}$ $4_y/m_y m_x m_{xz}$
234)	$m_z \bar{3}_{xyz} m_{xy}$	$2_{xy}/m_{xy}$	$2_x$ $2_z$ $3_{xyz}$ $3_{xyz}^2$ $3_{\bar{y}z}$ $3_{\bar{x}y}$	$4_z/m_z m_x m_{xy}$ $m_z m_{xy} m_{\bar{x}y}$ $m_z \bar{3}_{xyz} m_{xy}$ $m_z \bar{3}_{xyz} m_{xy}$ $\bar{3}_{\bar{y}z} m_{xy}$ $\bar{3}_{\bar{x}y} m_{xy}$
235)	$m_z \bar{3}_{xyz} m_{xy}$	$\bar{3}_{xyz}$	$2_x$ $2_{\bar{x}y}$ $4_z$	$m_z \bar{3}_{xyz}$ $\bar{3}_{xyz} m_{\bar{x}y}$ $m_z \bar{3}_{xyz} m_{xy}$
236)	$m_z \bar{3}_{xyz} m_{xy}$	$4_z/m_z$	$2_x$ $3_{xyz}$	$4_z/m_z m_x m_{xy}$ $m_z \bar{3}_{xyz} m_{xy}$
237)	$m_z \bar{3}_{xyz} m_{xy}$	$m_{xy} m_{\bar{x}y} m_z$	$2_x$ $3_{xyz}$	$4_z/m_z m_x m_{xy}$ $m_z \bar{3}_{xyz} m_{xy}$
238)	$m_z \bar{3}_{xyz} m_{xy}$	$\bar{3}_{xyz} m_{\bar{x}y} 2_x$		$m_z \bar{3}_{xyz} m_{xy}$
239)	$m_z \bar{3}_{xyz} m_{xy}$	$2_x 2_y 2_z$	$3_{xyz}$ $3_{xyz}^2$ $2_{\bar{x}y}$ $2_{\bar{y}z}$ $2_{\bar{x}z}$ $\bar{1}$	$2_z \bar{3}_{xyz}$ $2_z \bar{3}_{xyz}$ $4_z 2_x 2_{xy}$ $4_x 2_y 2_{yz}$ $4_y 2_x 2_{xz}$ $m_x m_y m_z$

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			$\bar{3}_{xyz}$	$m_z \bar{3}_{xyz}$
			$\bar{3}_{xyz}^5$	$m_z \bar{3}_{xyz}$
			$m_{\bar{x}y}$	$\bar{4}_z 2_x m_{xy}$
			$m_{\bar{y}z}$	$\bar{4}_x 2_z m_{yz}$
			$m_{\bar{x}z}$	$\bar{4}_y 2_z m_{xz}$
240)	$m_z \bar{3}_{xyz} m_{xy}$	$4_z 2_x 2_{xy}$	$3_{xyz}$	$4_z 3_{xyz} 2_{xy}$
			$\bar{1}$	$4_z / m_z m_x m_{xy}$
			$\bar{3}_{xyz}$	$m_z \bar{3}_{xyz} m_{xy}$
241)	$m_z \bar{3}_{xyz} m_{xy}$	$\bar{4}_z 2_x m_{xy}$	$3_{xyz}$	$\bar{4}_z 3_{xyz} m_{xy}$
			$2_{\bar{x}y}$	$4_z / m_z m_x m_{xy}$
			$2_{\bar{y}z}$	$m_z \bar{3}_{xyz} m_{xy}$
242)	$m_z \bar{3}_{xyz} m_{xy}$	$m_x m_y m_z$	$3_{xyz}$	$m_z \bar{3}_{xyz}$
			$3_{xyz}^2$	$m_z \bar{3}_{xyz}$
			$2_{\bar{x}y}$	$4_z / m_z m_x m_{xy}$
			$2_{\bar{y}z}$	$4_x / m_x m_y m_{yz}$
			$2_{\bar{x}z}$	$4_y / m_y m_x m_{xz}$
243)	$m_z \bar{3}_{xyz} m_{xy}$	$4_z / m_z m_x m_{xy}$	$3_{xyz}$	$m_z \bar{3}_{xyz} m_{xy}$
244)	$m_z \bar{3}_{xyz} m_{xy}$	$2_z 3_{xyz}$	$2_{\bar{x}y}$	$4_z 3_{xyz} 2_{xy}$
			$\bar{1}$	$m_z \bar{3}_{xyz}$
			$m_{\bar{x}y}$	$\bar{4}_z 3_{xyz} m_{xy}$
245)	$m_z \bar{3}_{xyz} m_{xy}$	$\bar{4}_z 3_{xyz} m_{xy}$	$2_{\bar{x}y}$	$m_z \bar{3}_{xyz} m_{xy}$
246)	$m_z \bar{3}_{xyz} m_{xy}$	$4_z 3_{xyz} 2_{xy}$	$\bar{1}$	$m_z \bar{3}_{xyz} m_{xy}$
247)	$m_z \bar{3}_{xyz} m_{xy}$	$m_z \bar{3}_{xyz}$	$2_{\bar{x}y}$	$m_z \bar{3}_{xyz} m_{xy}$

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**Table 2**

tensor				
class	$K_{ij}$	F	$g_{ij}$ F	
1)	$\bar{1}$	1	$\bar{1}$	(1,4,16,35,63,96,105,114 150,185,216
2)	$2_x$	1	$2_x$	(8,16,42,56,63,90,99,114, 123,132,150,181,185,196 206,216
2)	$2_y$	1	$2_y$	(8,16,42,56,63,90,114,123 150,181,185,196,206,216
2)	$2_z$	1	$2_z$	(2,4,8,12,16,31,33,35,42,49, 56,63,105,123,150,181,185 196,206,216
2)	$2_1$	1	$2_1$	(123,141,150
2)	$2_2$	1	$2_2$	(123,141,150
2)	$2_3$	1	$2_3$	(123,141,150
2)	$2_{xy}$	1	$2_{xy}$	(42,63,90,114,150,196,216
2)	$2_{\bar{xy}}$	1	$2_{\bar{xy}}$	(42,63,123,196,216
2)	$2_{yz}$	1	$2_{yz}$	(196,216
2)	$2_{\bar{yz}}$	1	$2_{\bar{yz}}$	(196,216
2)	$2_{xz}$	1	$2_{xz}$	(196,216
2)	$2_{\bar{xz}}$	1	$2_{\bar{xz}}$	(196,216
3)	$m_x$	1	$m_x$	(12,16,49,63,93,114,132 141,150,185,216
3)	$m_y$	1	$m_y$	(12,16,49,63,93,114,132 141,150,185,216
3)	$m_z$	1	$m_z$	(3,4,16,35,63,102,105,141 150,185,216
3)	$m_{xy}$	1	$m_{xy}$	(49,56,63,93,114,132,141 150,216
3)	$m_{\bar{xy}}$	1	$m_{\bar{xy}}$	(49,56,63,216
3)	$m_{yz}$	1	$m_{yz}$	(206,216
3)	$m_{\bar{yz}}$	1	$m_{\bar{yz}}$	(206,216

3)	$\mathbf{m}_{xz}$	1	$\mathbf{m}_{xz}$	(206,216
3)	$\mathbf{m}_{\bar{x}z}$	1	$\mathbf{m}_{\bar{x}z}$	(206,216
3)	$\mathbf{m}_1$	1	$\mathbf{m}_1$	(132,150
3)	$\mathbf{m}_2$	1	$\mathbf{m}_2$	(132,150
3)	$\mathbf{m}_3$	1	$\mathbf{m}_3$	(132,150
4)	$\mathbf{4}_z$	1	$\mathbf{4}_z$	(31,35,42,49,63,196,216
4)	$\mathbf{4}_x$	1	$\mathbf{4}_x$	(196,216
4)	$\mathbf{4}_y$	1	$\mathbf{4}_y$	(196,216
4)	$\mathbf{4}_z^3$	1	$\mathbf{4}_z^3$	(31,35,42,49,63,196,216
4)	$\mathbf{4}_x^3$	1	$\mathbf{4}_x^3$	(196,216
4)	$\mathbf{4}_y^3$	1	$\mathbf{4}_y^3$	(196,216
5)	$\bar{\mathbf{4}}_z$	1	$\bar{\mathbf{4}}_z$	(33,35,56,63,206,216
5)	$\bar{\mathbf{4}}_x$	1	$\bar{\mathbf{4}}_x$	(206,216
5)	$\bar{\mathbf{4}}_y$	1	$\bar{\mathbf{4}}_y$	(206,216
5)	$\bar{\mathbf{4}}_z^3$	1	$\bar{\mathbf{4}}_z^3$	(33,35,56,63,206,216
5)	$\bar{\mathbf{4}}_x^3$	1	$\bar{\mathbf{4}}_x^3$	(206,216
5)	$\bar{\mathbf{4}}_y^3$	1	$\bar{\mathbf{4}}_y^3$	(206,216
6)	$\mathbf{3}_z$	1	$\mathbf{3}_z$	(89,90,93,96,99,102,105 114,123,132,141,150
6)	$\mathbf{3}_z^2$	1	$\mathbf{3}_z^2$	(89,90,93,96,99,102,105 114,123,132,141,150
6)	$\mathbf{3}_{xyz}$	1	$\mathbf{3}_{xyz}$	(181,185,196,206,216
6)	$\mathbf{3}_{xy\bar{z}}$	1	$\mathbf{3}_{xy\bar{z}}$	(181,185,196,206,216
6)	$\mathbf{3}_{x\bar{y}z}$	1	$\mathbf{3}_{x\bar{y}z}$	(181,185,196,206,216
6)	$\mathbf{3}_{\bar{x}yz}$	1	$\mathbf{3}_{\bar{x}yz}$	(181,185,196,206,216
6)	$\mathbf{3}_{xyz}^2$	1	$\mathbf{3}_{xyz}^2$	(181,185,196,206,216
6)	$\mathbf{3}_{xy\bar{z}}^2$	1	$\mathbf{3}_{xy\bar{z}}^2$	(181,185,196,206,216
6)	$\mathbf{3}_{x\bar{y}z}^2$	1	$\mathbf{3}_{x\bar{y}z}^2$	(181,185,196,206,216
6)	$\mathbf{3}_{\bar{x}yz}^2$	1	$\mathbf{3}_{\bar{x}yz}^2$	(181,185,196,206,216
7)	$\bar{\mathbf{3}}_z$	1	$\bar{\mathbf{3}}_z$	(96,105,114,132,150
7)	$\bar{\mathbf{3}}_z^2$	1	$\bar{\mathbf{3}}_z^2$	(96,105,114,132,150
7)	$\bar{\mathbf{3}}_{xyz}$	1	$\bar{\mathbf{3}}_{xyz}$	(185,216
7)	$\bar{\mathbf{3}}_{xy\bar{z}}$	1	$\bar{\mathbf{3}}_{xy\bar{z}}$	(185,216
7)	$\bar{\mathbf{3}}_{x\bar{y}z}$	1	$\bar{\mathbf{3}}_{x\bar{y}z}$	(185,216

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7)	$\overline{3}_{xyz}$	1		$\overline{3}_{xyz}$		(185,216
7)	$\overline{3}_{xyz}$	1		$\overline{3}_{xyz}^2$		(185,216
7)	$\overline{3}_{xy\bar{z}}$	1		$\overline{3}_{xy\bar{z}}^2$		(185,216
7)	$\overline{3}_{x\bar{y}z}$	1		$\overline{3}_{x\bar{y}z}^2$		(185,216
7)	$\overline{3}_{\bar{x}yz}$	1		$\overline{3}_{\bar{x}yz}^2$		(185,216
8)	$\overline{6}_z$	1		$\overline{6}_z$		(99,105,123,132,150
8)	$\overline{6}_z$	1		$\overline{6}_z^5$		(99,105,123,132,150
9)	$\overline{6}_z$	1		$\overline{6}_z$		(102,105,141,150
9)	$\overline{6}_z$	1		$\overline{6}_z^5$		(102,105,141,150
10)	$\overline{2}_x/m_x$	$\overline{1}$		$\overline{2}_x$	$m_x$	(17,71,117,158,192,232
10)	$\overline{2}_y/m_y$	$\overline{1}$		$\overline{2}_y$	$m_y$	(17,71,117,158,192,232
10)	$\overline{2}_z/m_z$	$\overline{1}$		$\overline{2}_z$	$m_z$	(6,17,38,71,108,158,192 232
10)	$\overline{2}_{xy}/m_{xy}$	$\overline{1}$		$\overline{2}_{xy}$	$m_{xy}$	(71,117,158,232
10)	$\overline{2}_{\bar{x}y}/m_{\bar{x}y}$	$\overline{1}$		$\overline{2}_{\bar{x}y}$	$m_{\bar{x}y}$	(232
10)	$\overline{2}_{yz}/m_{yz}$	$\overline{1}$		$\overline{2}_{yz}$	$m_{yz}$	(232
10)	$\overline{2}_{\bar{y}z}/m_{\bar{y}z}$		$\overline{1}$	$\overline{2}_{\bar{y}z}$	$m_{\bar{y}z}$	(232
10)	$\overline{2}_{xz}/m_{xz}$	$\overline{1}$		$\overline{2}_{xz}$	$m_{xz}$	(232
10)	$\overline{2}_{x\bar{z}}/m_{x\bar{z}}$	$\overline{1}$		$\overline{2}_{x\bar{z}}$	$m_{x\bar{z}}$	(232
10)	$\overline{2}_1/m_1$	$\overline{1}$		$\overline{2}_1$	$m_1$	(158
10)	$\overline{2}_2/m_2$	$\overline{1}$		$\overline{2}_2$	$m_2$	(158
10)	$\overline{2}_3/m_3$	$\overline{1}$		$\overline{2}_3$	$m_3$	(158
11)	$\overline{4}_z/m_z$	$\overline{1}$		$\overline{4}_z$	$\overline{4}_z$	(38,71,232
11)	$\overline{4}_x/m_x$	$\overline{1}$		$\overline{4}_x$	$\overline{4}_x$	(232
11)	$\overline{4}_y/m_y$	$\overline{1}$		$\overline{4}_y$	$\overline{4}_y$	(232
11)	$\overline{4}_z/m_z$	$\overline{1}$		$\overline{4}_z^3$	$\overline{4}_z^3$	(38,71,232
11)	$\overline{4}_x/m_x$	$\overline{1}$		$\overline{4}_x^3$	$\overline{4}_x^3$	(232
11)	$\overline{4}_y/m_y$	$\overline{1}$		$\overline{4}_y^3$	$\overline{4}_y^3$	(232
12)	$\overline{3}_z$	$\overline{1}$		$\overline{3}_z$	$\overline{3}_z$	(97,108,117,158
12)	$\overline{3}_z$	$\overline{1}$		$\overline{3}_z^2$	$\overline{3}_z^2$	(97,108,117,158
12)	$\overline{3}_{xyz}$	$\overline{1}$		$\overline{3}_{xyz}$	$\overline{3}_{xyz}$	(192,232
12)	$\overline{3}_{xy\bar{z}}$	$\overline{1}$		$\overline{3}_{xy\bar{z}}$	$\overline{3}_{xy\bar{z}}$	(192,232
12)	$\overline{3}_{x\bar{y}z}$	$\overline{1}$		$\overline{3}_{x\bar{y}z}$	$\overline{3}_{x\bar{y}z}$	(192,232
12)	$\overline{3}_{\bar{x}yz}$	$\overline{1}$		$\overline{3}_{\bar{x}yz}$	$\overline{3}_{\bar{x}yz}$	(192,232

Table 2 - 3

12)	$\bar{3}_{xyz}$	$\bar{1}$	$3_{xyz}^2$	$\bar{3}_{xyz}^2$	(192,232
12)	$\bar{3}_{xy\bar{z}}$	$\bar{1}$	$3_{xy\bar{z}}^2$	$\bar{3}_{xy\bar{z}}^2$	(192,232
12)	$\bar{3}_{x\bar{y}z}$	$\bar{1}$	$3_{x\bar{y}z}^2$	$\bar{3}_{x\bar{y}z}^2$	(192,232
12)	$\bar{3}_{\bar{x}yz}$	$\bar{1}$	$3_{\bar{x}yz}^2$	$\bar{3}_{\bar{x}yz}^2$	(192,232
13)	$6_z/m_z$	$\bar{1}$	$6_z$	$\bar{6}_z$	(108,158
13)	$6_z/m_z$	$\bar{1}$	$6_z^5$	$\bar{6}_z^5$	(108,158
20)	$2_x/m_x$	$2_x$	$\bar{1}$	$m_x$	(18,64,115,151
21)	$2_x2_y2_z$	$2_x$	$2_y$	$2_z$	(9,18,43,57,64
21)	$2_x2_22_z$	$2_x$	$2_z$	$2_2$	(125,151
22)	$m_y m_z 2_x$	$2_x$	$m_y$	$m_z$	(18,64
22)	$m_z m_2 2_x$	$2_x$	$m_z$	$m_2$	(151
14)	$4_2 2_x 2_{xy}$	$2_x$	$2_{xy}$	$4_z$	(43,64
15)	$\bar{4}_2 2_x m_{xy}$	$2_x$	$m_{\bar{x}y}$	$\bar{4}_z^3$	(57,64
16)	$3_2 2_x$	$2_x$	$3_z$	$2_{xy}$	(91,115,125,151
17)	$\bar{3}_z m_x$	$2_x$	$\bar{3}_z$	$m_{xy}$	(115,151
18)	$6_2 2_x 2_1$	$2_x$	$6_z$	$2_1$	(125,151
19)	$\bar{6}_z m_1 2_x$	$2_x$	$\bar{6}_z$	$m_1$	(151
20)	$2_y/m_y$	$2_y$	$\bar{1}$	$m_y$	(19
21)	$2_x 2_y 2_z$	$2_y$	$2_x$	$2_z$	(10,19
22)	$m_z m_x 2_y$	$2_y$	$m_x$	$m_z$	(19
20)	$2_z/m_z$	$2_z$	$\bar{1}$	$m_z$	(5,20,36,74,107,161,187 217
21)	$2_x 2_y 2_z$	$2_z$	$2_x$	$2_y$	(11,20,45,59,74,182,187 197,207,217
21)	$2_{xy} 2_{\bar{x}y} 2_z$	$2_z$	$2_{\bar{x}y}$	$2_{xy}$	(45,74,197,217
21)	$2_y 2_1 2_z$	$2_z$	$2_y$	$2_1$	(124,126,161
21)	$2_x 2_2 2_z$	$2_z$	$2_x$	$2_2$	(126,161
21)	$2_{xy} 2_3 2_z$	$2_z$	$2_{xy}$	$2_3$	(126,161
22)	$m_x m_y 2_z$	$2_z$	$m_x$	$m_y$	(15,20,52,74,187,217
22)	$m_{xy} m_{\bar{x}y} 2_z$	$2_z$	$m_{xy}$	$m_{\bar{x}y}$	(52,59,74,207
22)	$m_y m_1 2_z$	$2_z$	$m_1$	$m_y$	(135,161
22)	$m_x m_2 2_z$	$2_z$	$m_x$	$m_2$	(135,161
22)	$m_{xy} m_3 2_z$	$2_z$	$m_{xy}$	$m_3$	(135,161
23)	$4_z$	$2_z$	$4_z$	$4_z^3$	(32,36,45,52,74,197,217

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24)	$\bar{4}_z$	$2_z$	$\bar{4}_z$	$\bar{4}_z^3$	(34,36,59,74,207,217
14)	$4_{x\bar{y}2_{yz}}$	$2_z$	$2_{\bar{y}z}$	$4_x$	(197,217
14)	$4_{y\bar{x}2_{xz}}$	$2_z$	$2_{\bar{x}z}$	$4_y$	(197,217
15)	$\bar{4}_x 2_z m_{yz}$	$2_z$	$m_{\bar{y}z}$	$\bar{4}_x$	(207,217
15)	$\bar{4}_y 2_z m_{xz}$	$2_z$	$m_{\bar{x}z}$	$\bar{4}_y$	(207,217
25)	$6_z$	$2_z$	$6_z$	$3_z^2$	(100,107,126,135,161
25)	$6_z$	$2_z$	$6_z^5$	$3_z$	(100,107,126,135,161
26)	$6_z/m_z$	$2_z$	$\bar{6}_z$	$\bar{3}_z^2$	(107,161
26)	$6_z/m_z$	$2_z$	$\bar{6}_z^5$	$\bar{3}_z$	(107,161
27)	$2_z 3_{xyz}$	$2_z$	$3_{xyz}$	$3_{\bar{x}\bar{y}z}^2$	(182,187,197,207,217
27)	$2_z 3_{xyz}$	$2_z$	$3_{xyz}^2$	$3_{\bar{x}\bar{y}z}$	(182,187,197,207,217
28)	$m_z \bar{3}_{xyz}$	$2_z$	$\bar{3}_{xyz}$	$\bar{3}_{\bar{x}\bar{y}z}^2$	(187,217
28)	$m_z \bar{3}_{xyz}$	$2_z$	$\bar{3}_{xyz}^2$	$\bar{3}_{\bar{x}\bar{y}z}$	(187,217
20)	$2_{xy}/m_{xy}$	$2_{xy}$	$\bar{1}$	$m_{xy}$	(65,219,220
21)	$2_{xy} 2_{\bar{x}\bar{y}} 2_z$	$2_{xy}$	$2_z$	$2_{\bar{x}\bar{y}}$	(44,65,198,218
22)	$m_{\bar{x}\bar{y}} m_z 2_{xy}$	$2_{xy}$	$m_z$	$m_{\bar{x}\bar{y}}$	(65,219
14)	$4_z 2_x 2_{xy}$	$2_{xy}$	$2_x$	$4_z^3$	(44,65,198,219
15)	$\bar{4}_z 2_{xy} m_x$	$2_{xy}$	$m_x$	$\bar{4}_z$	(65,219
16)	$3_{\bar{x}\bar{y}z} 2_{xy}$	$2_{xy}$	$3_{\bar{x}\bar{y}z}$	$2_{xz}$	(198,219
16)	$3_{\bar{x}\bar{y}z} 2_x$	$2_{xy}$	$3_{\bar{x}\bar{y}z}$	$2_{\bar{x}\bar{y}}$	(198,219
17)	$\bar{3}_{\bar{x}\bar{y}z} m_{xy} 2_{xy}$		$\bar{3}_{\bar{x}\bar{y}z}$	$m_{xz}$	(219
17)	$\bar{3}_{\bar{x}\bar{y}z} m_{xy} 2_{xy}$		$\bar{3}_{\bar{x}\bar{y}z}$	$m_{\bar{x}z}$	(219
29)	$4_z 3_{xyz} 2_{xy}$	$2_{xy}$	$3_{xyz}$	$4_y^3$	(198,219
29)	$4_z 3_{xyz} 2_{xy}$	$2_{xy}$	$3_{xyz}^2$	$4_x$	(198,219
30)	$m_z \bar{3}_{xyz} m_{xy}$	$2_{xy}$	$\bar{3}_{xyz}$	$\bar{4}_y^3$	(219
30)	$m_z \bar{3}_{xyz} m_{xy}$	$2_{xy}$	$\bar{3}_{xyz}^2$	$\bar{4}_x$	(219
20)	$2_{\bar{x}\bar{y}}/m_{\bar{x}\bar{y}}$	$2_{\bar{x}\bar{y}}$	$\bar{1}$	$m_{\bar{x}\bar{y}}$	(71
20)	$2_1/m_1$	$2_1$	$\bar{1}$	$m_1$	(152
21)	$2_{y\bar{1}} 2_z$	$2_1$	$2_z$	$2_y$	(152
22)	$m_z m_y 2_1$	$2_1$	$m_z$	$m_y$	(142,152
16)	$3_z 2_1$	$2_1$	$3_z$	$2_2$	(124,142,152
17)	$\bar{3}_z m_1$	$2_1$	$\bar{3}_z$	$m_2$	(152
18)	$6_z 2_x 2_1$	$2_1$	$6_z$	$2_{xy}$	(124,152
19)	$\bar{6}_z m_x 2_1$	$2_1$	$\bar{6}_z$	$m_{xy}$	(142,152

Table 2 - 5

36)	$2_x/m_x$	$m_x$	$2_x$	$\bar{1}$	(21,66,116,153
37)	$m_x m_y 2_z$	$m_x$	$2_z$	$m_y$	(13,21,50,66
37)	$m_z m_x 2_y$	$m_x$	$2_y$	$m_z$	(21,66,186,218
37)	$m_x m_z 2_z$	$m_x$	$2_z$	$m_2$	(134,153
37)	$m_z m_x 2_2$	$m_x$	$2_2$	$m_z$	(143,153
39)	$4_z m_x m_{xy}$	$m_x$	$4_z$	$m_{xy}$	(50,66
31)	$\bar{4}_z 2_{xy} m_x$	$m_x$	$2_{xy}$	$\bar{4}_z$	(66
32)	$3_z m_x$	$m_x$	$3_z$	$m_{xy}$	(94,116,133,143,153
33)	$\bar{3}_z m_x$	$m_x$	$2_{xy}$	$\bar{3}_z$	(116,153
34)	$6_z m_x m_1$	$m_x$	$6_z$	$m_1$	(134,153
35)	$\bar{6}_z m_x 2_1$	$m_x$	$2_1$	$\bar{6}_z$	(143,153
36)	$2_y/m_y$	$m_y$	$2_y$	$\bar{1}$	(22
37)	$m_x m_y 2_z$	$m_y$	$2_z$	$m_x$	(14,22
37)	$m_y m_z 2_x$	$m_y$	$2_x$	$m_z$	(22
36)	$2_z/m_z$	$m_z$	$2_z$	$\bar{1}$	(7,23,37,68,106,155 186,218
37)	$m_y m_z 2_x$	$m_z$	$2_x$	$m_y$	(23,68,186,218
37)	$m_z m_x 2_y$	$m_z$	$2_y$	$m_x$	(23,68
37)	$m_{xy} m_z 2_{xy}$	$m_z$	$2_{xy}$	$m_{xy}$	(68,218
37)	$m_{xy} m_z 2_{xy}$	$m_z$	$2_{xy}$	$m_{xy}$	(68,218
37)	$m_z m_y 2_1$	$m_z$	$2_1$	$m_y$	(144,155
37)	$m_z m_z 2_x$	$m_z$	$2_x$	$m_z$	(155
37)	$m_z m_x 2_2$	$m_z$	$2_2$	$m_x$	(144,155
37)	$m_z m_1 2_y$	$m_z$	$2_y$	$m_1$	(155
37)	$m_z m_{xy} 2_3$	$m_z$	$2_3$	$m_{xy}$	(144,155
37)	$m_z m_3 2_{xy}$	$m_z$	$2_{xy}$	$m_3$	(155
38)	$4_z/m_z$	$m_z$	$4_z$	$\bar{4}_z^3$	(37,68,218
38)	$4_z/m_z$	$m_z$	$4_z^3$	$\bar{4}_z$	(37,68,218
39)	$4_x m_y m_{yz}$	$m_z$	$4_x$	$m_{yz}$	(218
39)	$4_y m_x m_{xz}$	$m_z$	$4_y$	$m_{xz}$	(218
31)	$\bar{4}_y 2_{xz} m_z$	$m_z$	$2_{xz}$	$\bar{4}_y$	(218
40)	$\bar{6}_z$	$m_z$	$3_z$	$\bar{6}_z^5$	(103,106,144,155
40)	$\bar{6}_z$	$m_z$	$3_z^2$	$\bar{6}_z$	(103,106,144,155
41)	$6_z/m_z$	$m_z$	$6_z$	$\bar{3}_z^2$	(106,155

Table 2 - 6

41)	$6_z/m_z$	$m_z$	$6_z^5$	$\bar{3}_z$			(106,155)
42)	$m_z\bar{3}_{xyz}$	$m_z$	$3_{xyz}$	$\bar{3}_{xyz}^2$			(186,218)
42)	$m_z\bar{3}_{xyz}$	$m_z$	$3_{xyz}^2$	$\bar{3}_{xyz}$			(186,218)
42)	$m_z\bar{3}_{xyz}$	$m_z$	$3_{xyz}$	$\bar{3}_{xyz}^2$			(186,218)
42)	$m_z\bar{3}_{xyz}$	$m_z$	$3_{xyz}^2$	$\bar{3}_{xyz}$			(186,218)
31)	$\bar{4}_x 2_{yz} m_z$	$m_z$	$2_{yz}$	$\bar{4}_x$			(218)
36)	$2_{xy}/m_{xy}$	$m_{xy}$	$2_{xy}$	$\bar{1}$			(67)
37)	$m_{xy} m_{xy} 2_z$	$m_{xy}$	$2_z$	$m_{xy}$			(51,58,67,208,220)
37)	$m_{xy} m_z 2_{xy}$	$m_{xy}$	$2_{xy}$	$m_z$			(67,220)
39)	$4_z m_x m_{xy}$	$m_{xy}$	$4_z$	$m_y$			(51,67,220)
31)	$\bar{4}_z 2_x m_{xy}$	$m_{xy}$	$2_x$	$\bar{4}_z^3$			(58,67,208,220)
32)	$3_{xyz} m_{xy}$	$m_{xy}$	$3_{xyz}$	$m_{xz}$			(208,220)
32)	$3_{xyz} m_x$	$m_{xy}$	$3_{xyz}$	$m_{xy}$			(208,220)
33)	$\bar{3}_{xyz} m_{xy} m_{xy}$		$2_{yz}$	$\bar{3}_{xyz}$			(220)
33)	$\bar{3}_{xyz} m_{xy} m_{xy}$		$2_{yz}$	$\bar{3}_{xyz}$			(220)
43)	$\bar{4}_z 3_{xyz} m_{xy}$	$m_{xy}$	$3_{xyz}$	$\bar{4}_y^3$			(208,220)
43)	$\bar{4}_z 3_{xyz} m_{xy}$	$m_{xy}$	$3_{xyz}^2$	$\bar{4}_x$			(208,220)
44)	$m_z \bar{3}_{xyz} m_{xy}$	$m_{xy}$	$4_x$	$\bar{3}_{xyz}^5$			(220)
44)	$m_z \bar{3}_{xyz} m_{xy}$	$m_{xy}$	$4_x^3$	$\bar{3}_{xyz}$			(220)
36)	$2_1/m_1$	$m_1$	$2_1$	$\bar{1}$			(154)
37)	$m_y m_1 2_z$	$m_1$	$2_z$	$m_y$			(133,154)
37)	$m_z m_1 2_y$	$m_1$	$2_y$	$m_z$			(154)
32)	$3_z m_1$	$m_1$	$3_z$	$m_2$			(133,154)
33)	$\bar{3}_z m_1$	$m_1$	$2_2$	$\bar{3}_z^5$			(154)
34)	$6_z m_x m_1$	$m_1$	$6_z$	$m_{xy}$			(133,154)
35)	$\bar{6}_z m_1 2_x$	$m_1$	$2_x$	$\bar{6}_z$			(154)
47)	$m_x m_y m_z$	$2_x/m_x$	$2_y$	$2_z$	$m_y$	$m_z$	(28,72)
47)	$m_x m_z m_z$	$2_x/m_x$	$2_z$	$2_z$	$m_z$	$m_z$	(159)
49)	$4_z/m_z m_x m_{xy}$	$2_x/m_x$	$2_{xy}$	$m_{xy}$	$4_z^3$	$\bar{4}_z^3$	(71)
45)	$\bar{3}_z m_x$	$2_x/m_x$	$3_z$	$2_{xy}$	$\bar{3}_z$	$m_{xy}$	(118,159)
46)	$6_z/m_z m_x m_1$	$2_x/m_x$	$6_z$	$2_1$	$\bar{6}_z$	$m_1$	(159)
47)	$m_x m_y m_z$	$2_y/m_y$	$2_x$	$2_z$	$m_x$	$m_z$	(29)
47)	$m_x m_y m_z$	$2_z/m_z$	$2_x$	$2_y$	$m_x$	$m_y$	(30,75,193,233)
47)	$m_z m_{xy} m_{xy}$	$2_z/m_z$	$2_{xy}$	$2_{xy}$	$m_{xy}$	$m_{xy}$	(75,233)

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47)	$m_x m_2 m_z$	$2_z/m_z$	$2_x$	$2_z$	$m_x$	$m_2$	(164
47)	$m_y m_1 m_z$	$2_z/m_z$	$2_1$	$2_y$	$m_1$	$m_y$	(164
47)	$m_{xy} m_3 m_z$	$2_z/m_z$	$2_{xy}$	$2_3$	$m_{xy}$	$m_3$	(164
48)	$4_z/m_z$	$2_z/m_z$	$4_z$	$4_z^3$	$\bar{4}_z$	$\bar{4}_z^3$	(41,75,233
49)	$4_x/m_x m_y m_{yz}$	$2_z/m_z$	$2_{\bar{y}z}$	$m_{\bar{y}z}$	$4_x^3$	$\bar{4}_x^3$	(233
49)	$4_y/m_y m_x m_{xz}$	$2_z/m_z$	$2_{\bar{x}z}$	$m_{\bar{x}z}$	$4_y^3$	$\bar{4}_y^3$	(233
50)	$6_z/m_z$	$2_z/m_z$	$6_z$	$3_z^2$	$\bar{6}_z$	$\bar{3}_z^5$	(109,164
50)	$6_z/m_z$	$2_z/m_z$	$6_z^5$	$3_z$	$\bar{6}_z^5$	$\bar{3}_z$	(109,164
51)	$m_z \bar{3}_{xyz}$	$2_z/m_z$	$3_{xyz}$	$3_{x\bar{y}z}^2$	$\bar{3}_{xyz}$	$\bar{3}_{x\bar{y}z}^5$	(193,233
51)	$m_z \bar{3}_{xyz}$	$2_z/m_z$	$3_{xyz}^2$	$3_{x\bar{y}z}$	$\bar{3}_{xyz}^5$	$\bar{3}_{x\bar{y}z}$	(193,233
47)	$m_z m_{xy} m_{\bar{x}y}$	$2_{xy}/m_{xy}$	$2_z$	$2_{\bar{x}y}$	$m_{\bar{x}y}$	$m_z$	(73,234
49)	$4_z/m_z m_x m_{xy}$	$2_{xy}/m_{xy}$	$2_x$	$m_x$	$4_z^3$	$\bar{4}_z^3$	(73,234
45)	$\bar{3}_{\bar{y}z} m_{xy} 2_{xy}/m_{xy}$	$3_{\bar{y}z}$	$2_{\bar{y}z}$	$\bar{3}_{\bar{y}z}$	$m_{\bar{y}z}$		(234
45)	$\bar{3}_{x\bar{y}z} m_{xy} 2_{xy}/m_{xy}$	$3_{x\bar{y}z}$	$2_{yz}$	$\bar{3}_{x\bar{y}z}$	$m_{yz}$		(234
52)	$m_z \bar{3}_{xyz} m_{xy}$	$2_{xy}/m_{xy}$	$3_{xyz}$	$\bar{3}_{xyz}$	$4_y^3$	$\bar{4}_y^3$	(234
52)	$m_z \bar{3}_{xyz} m_{xy}$	$2_{xy}/m_{xy}$	$3_{xyz}^2$	$\bar{3}_{xyz}^5$	$4_x$	$\bar{4}_x$	(234
47)	$m_y m_1 m_z$	$2_1/m_1$	$2_z$	$2_y$	$m_z$	$m_y$	(160
45)	$\bar{3}_z m_1$	$2_1/m_1$	$3_z$	$2_z$	$\bar{3}_z$	$m_2$	(160
46)	$6_z/m_z m_x m_1$	$2_1/m_1$	$6_z$	$2_{xy}$	$\bar{6}_z$	$m_{xy}$	(160
53)	$m_x m_y m_z$	$2_x 2_y 2_z$	$\bar{1}$	$m_x$	$m_y$	$m_z$	(27,76,190,239
54)	$4_z 2_x 2_{xy}$	$2_x 2_y 2_z$	$2_{xy}$	$2_{\bar{x}y}$	$4_z$	$4_z^3$	(47,76,203,239
54)	$4_x 2_y 2_{yz}$	$2_x 2_y 2_z$	$2_{\bar{y}z}$	$2_{yz}$	$4_x$	$4_x^3$	(203,239
54)	$4_y 2_x 2_{xz}$	$2_x 2_y 2_z$	$2_{\bar{x}z}$	$2_{xz}$	$4_y$	$4_y^3$	(203,239
55)	$\bar{4}_z 2_x m_{xy}$	$2_x 2_y 2_z$	$m_{\bar{x}y}$	$m_{xy}$	$\bar{4}_z$	$\bar{4}_z^3$	(61,76,213,239
55)	$\bar{4}_x 2_z m_{yz}$	$2_x 2_y 2_z$	$m_{\bar{y}z}$	$m_{yz}$	$\bar{4}_x$	$\bar{4}_x^3$	(213,239
55)	$\bar{4}_y 2_z m_{xz}$	$2_x 2_y 2_z$	$m_{\bar{x}z}$	$m_{xz}$	$\bar{4}_y$	$\bar{4}_y^3$	(213,239
56)	$2_z 3_{xyz}$	$2_x 2_y 2_z$	$3_{xyz}$	$3_{x\bar{y}z}^2$	$3_{x\bar{y}z}^2$	$3_{x\bar{y}z}^2$	(184,190,203,213,239
56)	$2_z 3_{xyz}$	$2_x 2_y 2_z$	$3_{xyz}^2$	$3_{x\bar{y}z}$	$3_{x\bar{y}z}$	$3_{x\bar{y}z}$	(184,190,203,213,239
57)	$m_z \bar{3}_{xyz}$	$2_x 2_y 2_z$	$\bar{3}_{xyz}$	$\bar{3}_{x\bar{y}z}^5$	$\bar{3}_{x\bar{y}z}^5$	$\bar{3}_{x\bar{y}z}^5$	(190,239
57)	$m_z \bar{3}_{xyz}$	$2_x 2_y 2_z$	$\bar{3}_{xyz}^2$	$\bar{3}_{x\bar{y}z}$	$\bar{3}_{x\bar{y}z}$	$\bar{3}_{x\bar{y}z}$	(190,239
53)	$m_z m_{xy} m_{\bar{x}y}$	$2_{xy} 2_{\bar{x}y} 2_z$	$\bar{1}$	$m_{xy}$	$m_{\bar{x}y}$	$m_z$	(77,225
54)	$4_z 2_x 2_{xy}$	$2_{xy} 2_{\bar{x}y} 2_z$	$2_x$	$2_y$	$4_z$	$4_z^3$	(46,77,200,225
55)	$\bar{4}_z 2_{xy} m_x$	$2_{xy} 2_{\bar{x}y} 2_z$	$m_x$	$m_y$	$\bar{4}_z$	$\bar{4}_z^3$	(77,225
58)	$4_z 3_{xyz} 2_{xy}$	$2_{xy} 2_{\bar{x}y} 2_z$	$3_{xyz}$	$4_y^3$	$2_{\bar{x}z}$	$3_{x\bar{y}z}^2$	(200,225

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59)	$m_z \bar{3}_{xyz} m_{xy}$	$2_{xy} 2_{\bar{xy}} 2_z$	$\bar{3}_{xyz}$	$\bar{3}_{xyz}^5$	$\bar{4}_y^3$	$m_{\bar{xz}}$	(225
53)	$m_x m_2 m_z$	$2_x 2_2 2_z$	$\bar{1}$	$m_x$	$m_2$	$m_z$	(162
60)	$6_2 2_x 2_1$	$2_x 2_2 2_z$	$6_z$	$3_z^2$	$2_1$	$2_y$	(127,161
61)	$6_2 / m_z m_x m_1$	$2_x 2_2 2_z$	$\bar{6}_z$	$\bar{3}_z^5$	$m_1$	$m_y$	(161
62)	$m_x m_y m_z$	$m_x m_y 2_z$	$2_x$	$\bar{1}$	$m_z$	$2_y$	(26,78,189,224
63)	$4_z m_x m_{xy}$	$m_x m_y 2_z$	$4_z$	$4_z^3$	$m_{xy}$	$m_{\bar{xy}}$	(54,78,224
64)	$\bar{4}_z 2_{xy} m_x$	$m_x m_y 2_z$	$2_{\bar{xy}}$	$2_{xy}$	$\bar{4}_z$	$\bar{4}_z^3$	(78,224
65)	$4_x / m_x m_y m_{yz}$	$m_x m_y 2_z$	$2_{\bar{yz}}$	$m_{yz}$	$\bar{4}_x$	$4_x^3$	(224
65)	$4_y / m_y m_x m_{xz}$	$m_x m_y 2_z$	$2_{\bar{xz}}$	$m_{xz}$	$\bar{4}_y$	$4_y^3$	(224
66)	$m_z \bar{3}_{xyz}$	$m_x m_y 2_z$	$3_{xyz}$	$3_{xyz}^2$	$\bar{3}_{xyz}^5$	$\bar{3}_{xyz}^5$	(189,224
66)	$m_z \bar{3}_{xyz}$	$m_x m_y 2_z$	$3_{xyz}^2$	$\bar{3}_{xyz}$	$\bar{3}_{xyz}$	$3_{xyz}$	(189,224
62)	$m_x m_y m_z$	$m_y m_z 2_x$	$2_y$	$\bar{1}$	$m_x$	$2_z$	(24,69
65)	$4_z / m_z m_x m_{xy}$	$m_y m_z 2_x$	$2_{\bar{xy}}$	$m_{xy}$	$\bar{4}_z$	$4_z^3$	(69
62)	$m_x m_y m_z$	$m_z m_x 2_y$	$2_x$	$\bar{1}$	$m_y$	$2_z$	(25
62)	$m_z m_{xy} m_{\bar{xy}}$	$m_{xy} m_{\bar{xy}} 2_z$	$2_{\bar{xy}}$	$\bar{1}$	$m_z$	$2_{xy}$	(226
63)	$4_z m_x m_{xy}$	$m_{xy} m_{\bar{xy}} 2_z$	$4_z$	$4_z^3$	$m_x$	$m_y$	(53,79,226
64)	$\bar{4}_z 2_x m_{xy}$	$m_{xy} m_{\bar{xy}} 2_z$	$2_x$	$2_y$	$\bar{4}_z$	$\bar{4}_z^3$	(60,79,210,226
67)	$\bar{4}_z 3_{xyz} m_{xy}$	$m_{xy} m_{\bar{xy}} 2_z$	$3_{xyz}$	$\bar{4}_y^3$	$m_{\bar{xz}}$	$3_{xyz}^2$	(210,226
68)	$m_z \bar{3}_{xyz} m_{xy}$	$m_{xy} m_{\bar{xy}} 2_z$	$2_{\bar{yz}}$	$4_x$	$\bar{3}_{xyz}^5$	$\bar{3}_{xyz}$	(226
62)	$m_z m_{xy} m_{\bar{xy}}$	$m_{\bar{xy}} m_z 2_{xy}$	$2_{\bar{xy}}$	$\bar{1}$	$m_{xy}$	$2_z$	(70,79,227
65)	$4_z / m_z m_x m_{xy}$	$m_{\bar{xy}} m_z 2_{xy}$	$2_x$	$m_y$	$\bar{4}_z$	$4_z^3$	(70,227
69)	$m_z \bar{3}_{xyz} m_{xy}$	$m_{\bar{xy}} m_z 2_{xy}$	$3_{xyz}$	$\bar{3}_{xyz}^5$	$4_y^3$	$m_{\bar{xz}}$	(227
70)	$m_z \bar{3}_{xyz} m_{xy}$	$m_{\bar{xy}} m_z 2_{xy}$	$3_{xyz}$	$\bar{3}_{xyz}^5$	$\bar{4}_x$	$2_{\bar{yz}}$	(227
71)	$\bar{6}_z m_x 2_1$	$m_z m_y 2_1$	$3_z$	$2_2$	$\bar{6}_z^5$	$m_x$	(145
62)	$m_x m_2 m_z$	$m_z m_2 2_x$	$2_z$	$\bar{1}$	$m_x$	$2_2$	(156,163
71)	$\bar{6}_z m_1 2_x$	$m_z m_2 2_x$	$3_z$	$2_y$	$\bar{6}_z^5$	$m_1$	(156
72)	$6_z / m_z m_x m_1$	$m_z m_2 2_x$	$6_z$	$2_1$	$\bar{3}_z^5$	$m_y$	(156,157
62)	$m_x m_2 m_z$	$m_z m_x 2_2$	$2_z$	$\bar{1}$	$m_2$	$2_x$	(157
71)	$\bar{6}_z m_x 2_1$	$m_z m_x 2_2$	$3_z$	$2_1$	$\bar{6}_z^5$	$m_y$	(157
73)	$6_z m_x m_1$	$m_x m_2 2_z$	$6_z$	$3_z^2$	$m_1$	$m_y$	(136,163
74)	$6_z / m_z m_x m_1$	$m_x m_2 2_z$	$2_1$	$2_y$	$\bar{6}_z$	$\bar{3}_z^5$	(163
75)	$4_z / m_z m_x m_{xy}$	$m_x m_y m_z$	$2_{\bar{xy}}$	$2_{xy}$	$4_z$	$4_z^3$	(87,242
			$m_{\bar{xy}}$	$m_{xy}$	$\bar{4}_z$	$\bar{4}_z^3$	

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75)	$4_x/m_x m_y m_{yz}$	$m_x m_y m_z$	$2_{\bar{y}z}$ $m_{\bar{y}z}$	$2_{yz}$ $m_{yz}$	$4_x$ $\bar{4}_x$	$4_x^3$ $\bar{4}_x^3$	(242
75)	$4_y/m_y m_x m_{xz}$	$m_x m_y m_z$	$2_{\bar{x}z}$ $m_{\bar{x}z}$	$2_{xz}$ $m_{xz}$	$4_y$ $\bar{4}_y$	$4_y^3$ $\bar{4}_y^3$	(242
76)	$m_z \bar{3}_{xyz}$	$m_x m_y m_z$	$3_{xyz}$ $\bar{3}_{xyz}$	$3_{\bar{x}yz}^2$ $\bar{3}_{\bar{x}yz}^5$	$3_{x\bar{y}z}^2$ $\bar{3}_{x\bar{y}z}^5$	$3_{xy\bar{z}}^2$ $\bar{3}_{xy\bar{z}}^5$	(195,242
76)	$m_z \bar{3}_{xyz}$	$m_x m_y m_z$	$3_{xyz}^2$ $\bar{3}_{xyz}^5$	$3_{\bar{x}yz}$ $\bar{3}_{\bar{x}yz}$	$3_{x\bar{y}z}$ $\bar{3}_{x\bar{y}z}$	$3_{xy\bar{z}}$ $\bar{3}_{xy\bar{z}}$	(195,242
75)	$4_z/m_z m_x m_{xy}$	$m_{xy} m_{\bar{x}y} m_z$	$2_x$ $m_x$	$2_y$ $m_y$	$4_z$ $\bar{4}_z$	$4_z^3$ $\bar{4}_z^3$	(86,237
77)	$m_z \bar{3}_{xyz} m_{xy}$	$m_{xy} m_{\bar{x}y} m_z$	$3_{xyz}$ $2_{\bar{x}z}$	$3_{x\bar{y}z}^2$ $m_{\bar{x}z}$	$\bar{3}_{x\bar{y}z}^5$ $4_y^3$	$\bar{3}_{xy\bar{z}}$ $\bar{4}_y^3$	(237
78)	$6_z/m_z m_x m_1$	$m_x m_2 m_z$	$6_z$ $\bar{6}_z$	$3_z^2$ $\bar{3}_z^5$	$2_1$ $m_1$	$2_y$ $m_y$	(165
79)	$4_z/m_z$	$4_z$	$\bar{1}$	$m_z$	$\bar{4}_z$	$\bar{4}_z^3$	(40,80,222
80)	$4_2 2_x 2_{xy}$	$4_z$	$2_x$	$2_y$	$2_{xy}$	$2_{\bar{x}y}$	(48,80,201,222
81)	$4_z m_x m_{xy}$	$4_z$	$m_x$	$m_y$	$m_{xy}$	$m_{\bar{x}y}$	(55,80,222
82)	$4_z 3_{xyz} 2_{xy}$	$4_z$	$3_{xyz}$	$4_y$	$2_{xz}$	$3_{x\bar{y}z}^2$	(201,222
83)	$m_z \bar{3}_{xyz} m_{xy}$	$4_z$	$\bar{3}_{xyz}$	$\bar{3}_{x\bar{y}z}^5$	$\bar{4}_y$	$m_{xz}$	(222
84)	$4_z/m_z$	$\bar{4}_z$	$4_z$	$4_z^3$	$m_z$	$\bar{1}$	(39,81,223
85)	$\bar{4}_z 2_x m_{xy}$	$\bar{4}_z$	$2_x$	$2_y$	$m_{\bar{x}y}$	$m_{xy}$	(62,81,211,223
85)	$\bar{4}_z 2_{xy} m_x$	$\bar{4}_z$	$2_{\bar{x}y}$	$2_{xy}$	$m_x$	$m_y$	(81,223
86)	$\bar{4}_z 3_{xyz} m_{xy}$	$\bar{4}_z$	$3_{xyz}$	$\bar{4}_y$	$m_{xz}$	$3_{x\bar{y}z}^2$	(211,223
87)	$m_z \bar{3}_{xyz} m_{xy}$	$\bar{4}_z$	$2_{\bar{y}z}$	$4_x$	$\bar{3}_{xy\bar{z}}$	$\bar{3}_{xy\bar{z}}$	(223
88)	$4_z/m_z m_x m_{xy}$	$4_z/m_z$	$2_x$ $m_x$	$2_y$ $m_y$	$2_{\bar{x}y}$ $m_{\bar{x}y}$	$2_{xy}$ $m_{xy}$	(88,236
89)	$m_z \bar{3}_{xyz} m_{xy}$	$4_z/m_z$	$3_{xyz}$ $2_{xz}$	$3_{x\bar{y}z}^2$ $m_{xz}$	$\bar{3}_{x\bar{y}z}^5$ $4_y$	$\bar{3}_{xy\bar{z}}$ $\bar{4}_y$	(236
90)	$4_z/m_z m_x m_{xy}$	$4_z 2_x 2_{xy}$	$\bar{1}$ $m_{\bar{x}y}$	$m_x$ $m_{xy}$	$m_y$ $\bar{4}_z$	$m_z$ $\bar{4}_z^3$	(85
91)	$4_z 3_{xyz} 2_{xy}$	$4_z 2_x 2_{xy}$	$3_{xyz}$ $2_{\bar{x}y}$	$3_{\bar{x}yz}^2$ $4_y$	$3_{x\bar{y}z}^2$ $2_{xz}$	$3_{xy\bar{z}}^2$ $4_y^3$	(204,240
92)	$m_z \bar{3}_{xyz} m_{xy}$	$4_z 2_x 2_{xy}$	$\bar{3}_{xyz}$ $m_{xz}$	$\bar{3}_{\bar{x}yz}^5$ $m_{\bar{x}z}$	$\bar{3}_{x\bar{y}z}^5$ $\bar{4}_y$	$\bar{3}_{xy\bar{z}}^5$ $\bar{4}_y^3$	(240

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93)	$4_z/m_z m_x m_{xy}$	$4_z m_x m_{xy}$	$2_x$	$2_y$	$2_{\bar{xy}}$	$2_{xy}$	(84,230
			$\bar{1}$	$m_z$	$\bar{4}_z$	$\bar{4}_z^3$	
94)	$m_z \bar{3}_{xyz} m_{xy}$	$4_z m_x m_{xy}$	$3_{xyz}$	$3_{x\bar{y}z}^2$	$\bar{3}_{x\bar{y}z}^5$	$\bar{3}_{x\bar{y}z}^5$	(230
			$2_{xy}$	$4_y$	$\bar{4}_y^3$	$m_{\bar{x}z}$	
98)	$4_z/m_z m_x m_{xy}$	$\bar{4}_z 2_{xy} m_x$	$2_x$	$4_z$	$4_z^3$	$2_y$	(82,231
			$\bar{1}$	$m_{xy}$	$m_{\bar{xy}}$	$m_z$	
95)	$m_z \bar{3}_{xyz} m_{xy}$	$\bar{4}_z 2_{xy} m_x$	$3_{xyz}$	$3_{x\bar{y}z}^2$	$\bar{3}_{x\bar{y}z}^5$	$\bar{3}_{x\bar{y}z}^5$	(231
			$2_{\bar{x}z}$	$4_y^3$	$\bar{4}_y$	$m_{xz}$	
96)	$\bar{4}_z 3_{xyz} m_{xy}$	$\bar{4}_z 2_x m_{xy}$	$3_{xyz}$	$3_{x\bar{y}z}^2$	$3_{x\bar{y}z}^2$	$3_{x\bar{y}z}^2$	(214,241
			$m_{\bar{x}z}$	$\bar{4}_y$	$m_{xz}$	$\bar{4}_y^3$	
97)	$m_z \bar{3}_{xyz} m_{xy}$	$\bar{4}_z 2_x m_{xy}$	$2_{\bar{y}z}$	$2_{yz}$	$4_x^3$	$4_x$	(241
			$\bar{3}_{xyz}^5$	$\bar{3}_{x\bar{y}z}$	$\bar{3}_{x\bar{y}z}$	$\bar{3}_{x\bar{y}z}$	
98)	$4_z/m_z m_x m_{xy}$	$\bar{4}_z 2_x m_{xy}$	$2_{\bar{xy}}$	$4_z$	$4_z^3$	$2_{xy}$	(83,240,241
			$\bar{1}$	$m_x$	$m_y$	$m_z$	
99)	$m_z \bar{3}_{xyz} m_{xy}$	$4_z/m_z m_x m_{xy}$	$3_{xyz}$	$\bar{3}_{xyz}$	$3_{x\bar{y}z}^2$	$3_{x\bar{y}z}^2$	(243
			$3_{x\bar{y}z}^2$	$\bar{3}_{x\bar{y}z}^5$	$\bar{3}_{x\bar{y}z}^5$	$\bar{3}_{x\bar{y}z}^5$	
			$4_y$	$4_y^3$	$\bar{4}_y$	$\bar{4}_y^3$	
			$2_{\bar{x}z}$	$m_{\bar{x}z}$	$2_{xz}$	$m_{xz}$	
100)	$3_2 2_x$	$3_z$	$2_x$	$2_{xy}$	$2_y$		(92,119,128,166
100)	$3_2 2_1$	$3_z$	$2_1$	$2_2$	$2_3$		(128,146,166
101)	$3_2 m_x$	$3_z$	$m_x$	$m_{xy}$	$m_y$		(95,119,137,146,166
101)	$3_2 m_1$	$3_z$	$m_1$	$m_2$	$m_3$		(137,166
102)	$\bar{3}_z$	$3_z$	$\bar{1}$	$\bar{3}_z$	$\bar{3}_z^5$		(98,110,119,166
103)	$6_z$	$3_z$	$6_z$	$2_z$	$6_z^5$		(101,110,128,137,166
104)	$\bar{6}_z$	$3_z$	$\bar{6}_z$	$m_z$	$\bar{6}_z^5$		(104,110,146,166
105)	$m_z \bar{3}_{xyz}$	$3_{xyz}$	$m_x$	$\bar{3}_{x\bar{y}z}$	$\bar{3}_{x\bar{y}z}^5$		(188,221
106)	$2_2 3_{xyz}$	$3_{xyz}$	$2_x$	$3_{x\bar{y}z}$	$3_{x\bar{y}z}^2$		(183,188,199,209,221
100)	$3_{xyz} 2_{\bar{xy}}$	$3_{xyz}$	$2_{\bar{xy}}$	$2_{\bar{x}z}$	$2_{\bar{y}z}$		(199,221
101)	$3_{xyz} m_{\bar{xy}}$	$3_{xyz}$	$m_{\bar{xy}}$	$m_{\bar{x}z}$	$m_{\bar{y}z}$		(209,221
102)	$\bar{3}_{xyz}$	$3_{xyz}$	$\bar{1}$	$\bar{3}_{xyz}$	$\bar{3}_{xyz}^5$		(188,221
107)	$\bar{4}_z 3_{xyz} m_{xy}$	$3_{xyz}$	$\bar{4}_z$	$\bar{4}_y^3$	$m_{yz}$		(209,221
108)	$4_z 3_{xyz} 2_{xy}$	$3_{xyz}$	$4_z$	$4_y^3$	$2_{yz}$		(199,221

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109)	$6_z/m_z$	$\bar{3}_z$	$6_z$	$2_z$	$6_z^5$	(113,167)
			$\bar{6}_z$	$m_z$	$\bar{6}_z^5$	
110)	$\bar{3}_z m_x$	$\bar{3}_z$	$2_x$	$2_{xy}$	$2_y$	(122,167)
			$m_x$	$m_{xy}$	$m_y$	
110)	$\bar{3}_z m_1$	$\bar{3}_z$	$2_1$	$2_2$	$2_3$	(167)
			$m_1$	$m_2$	$m_3$	
110)	$\bar{3}_{xyz} m_{\bar{xy}} \bar{3}_{xyz}$		$2_{\bar{xy}}$	$2_{\bar{yz}}$	$2_{\bar{xz}}$	(235)
			$m_{\bar{xy}}$	$m_{\bar{yz}}$	$m_{\bar{xz}}$	
111)	$m_z \bar{3}_{xyz}$	$\bar{3}_{xyz}$	$2_x$	$3_{xy\bar{z}}$	$3_{x\bar{y}z}^2$	(194,235)
			$m_x$	$\bar{3}_{xy\bar{z}}$	$\bar{3}_{x\bar{y}z}^5$	
112)	$m_z \bar{3}_{xyz} m_{xy}$	$\bar{3}_{xyz}$	$4_z$	$\bar{4}_z$	$4_y^3$	(235)
			$\bar{4}_y^3$	$2_{yz}$	$m_{yz}$	
113)	$\bar{3}_z m_x$	$3_2 2_x$	$\bar{1}$	$\bar{3}_z$	$\bar{3}_z^5$	(121,170)
			$m_x$	$m_{xy}$	$m_y$	
114)	$6_z 2_x 2_1$	$3_2 2_x$	$6_z$	$2_z$	$6_z^5$	(129,170)
			$2_1$	$2_2$	$2_3$	
115)	$\bar{6}_z m_1 2_x$	$3_2 2_x$	$\bar{6}_z$	$m_z$	$\bar{6}_z^5$	(170)
			$m_1$	$m_2$	$m_3$	
113)	$\bar{3}_z m_1$	$3_2 2_1$	$\bar{1}$	$\bar{3}_z$	$\bar{3}_z^5$	(171)
			$m_1$	$m_2$	$m_3$	
114)	$6_z 2_x 2_1$	$3_2 2_1$	$6_z$	$2_z$	$6_z^5$	(130,171)
			$2_x$	$2_{xy}$	$2_y$	
115)	$\bar{6}_z m_x 2_1$	$3_2 2_1$	$\bar{6}_z$	$m_z$	$\bar{6}_z^5$	(148,171)
			$m_x$	$m_{xy}$	$m_y$	
113)	$\bar{3}_{xyz} m_{\bar{xy}} 3_{xyz} 2_{\bar{xy}}$		$\bar{1}$	$\bar{3}_{xyz}$	$\bar{3}_{xyz}^5$	(228)
			$m_{\bar{xy}}$	$m_{\bar{yz}}$	$m_{\bar{xz}}$	
116)	$4_z 3_{xyz} 2_{xy}$	$3_{xyz} 2_{\bar{xy}}$	$2_x$	$3_{xy\bar{z}}$	$3_{x\bar{y}z}^2$	(201,228)
			$4_z$	$2_{yz}$	$4_y^3$	
117)	$m_z \bar{3}_{xyz} m_{xy}$	$3_{xyz} 2_{\bar{xy}}$	$m_x$	$\bar{3}_{xy\bar{z}}$	$\bar{3}_{x\bar{y}z}^5$	(228)
			$\bar{4}_z$	$m_{xy}$	$\bar{4}_y^3$	
118)	$\bar{3}_z m_x$	$3_2 m_x$	$2_x$	$2_{xy}$	$2_y$	(120,172)
			$\bar{1}$	$\bar{3}_z$	$\bar{3}_z^5$	
119)	$6_z m_x m_1$	$3_2 m_x$	$6_z$	$2_z$	$6_z^5$	(138,172)
			$m_1$	$m_2$	$m_3$	

Table 2 - 12

120)	$\bar{6}_z m_x 2_1$	$3_2 m_x$	$2_1$	$2_2$	$2_3$	(147,172
			$\bar{6}_z$	$\bar{6}_z^5$	$m_z$	
118)	$\bar{3}_{xyz} m_{\bar{xy}} 3_{xyz} m_{\bar{xy}}$	$2_{\bar{xy}}$	$2_{\bar{xz}}$	$2_{\bar{yz}}$		(229)
			$\bar{1}$	$\bar{3}_{xyz}$	$\bar{3}_{xyz}^5$	
121)	$\bar{4}_z 3_{xyz} m_{xy}$	$3_{xyz} m_{\bar{xy}}$	$2_x$	$3_{xy\bar{z}}$	$3_{xy\bar{z}}^2$	(212,229
			$\bar{4}_z$	$m_{yz}$	$\bar{4}_y^3$	
122)	$m_z \bar{3}_{xyz} m_{xy}$	$3_{xyz} m_{\bar{xy}}$	$4_z$	$4_y^3$	$2_{yz}$	(229
			$m_x$	$\bar{3}_{xyz}^5$	$\bar{3}_{xy\bar{z}}$	
118)	$\bar{3}_2 m_1$	$3_2 m_1$	$2_1$	$2_2$	$2_3$	(173
			$\bar{1}$	$\bar{3}_z$	$\bar{3}_z^5$	
119)	$6_2 m_x m_1$	$3_2 m_1$	$6_z$	$2_z$	$6_z^5$	(139,173
			$m_x$	$m_{xy}$	$m_y$	
120)	$\bar{6}_2 m_1 2_x$	$3_2 m_1$	$2_x$	$2_{xy}$	$2_y$	(173
			$\bar{6}_z$	$\bar{6}_z^5$	$m_z$	
123)	$m_z \bar{3}_{xyz} m_{xy}$	$\bar{3}_{xyz} m_{\bar{xy}} 2_x$	$m_x$	$2_{yz}$	$m_{yz}$	(238
			$4_z$	$\bar{4}_z$	$4_y^3$	$\bar{4}_y^3$
			$3_{xy\bar{z}}$	$\bar{3}_{xy\bar{z}}$	$3_{xy\bar{z}}^2$	$\bar{3}_{xy\bar{z}}^5$
124)	$6_2/m_2 m_x m_1$	$\bar{3}_2 m_x$	$6_z$	$2_z$	$6_z^5$	(178
			$2_1$	$2_2$	$2_3$	
			$\bar{6}_z$	$m_z$	$\bar{6}_z^5$	
			$m_1$	$m_2$	$m_3$	
124)	$6_2/m_2 m_x m_1$	$\bar{3}_2 m_1$	$6_z$	$2_z$	$6_z^5$	(179
			$2_x$	$2_{xy}$	$2_y$	
			$\bar{6}_z$	$m_z$	$\bar{6}_z^5$	
			$m_x$	$m_{xy}$	$m_y$	
125)	$6_2/m_z$	$6_z$	$\bar{1}$	$\bar{6}_z$	$\bar{3}_z$	(112,168
			$m_z$	$\bar{3}_z^5$	$\bar{6}_z^5$	
126)	$6_2 2_x 2_1$	$6_z$	$2_x$	$2_{xy}$	$2_y$	(131,168
			$2_1$	$2_2$	$2_3$	
127)	$6_2 m_x m_1$	$6_z$	$m_x$	$m_{xy}$	$m_y$	(139,168
			$m_1$	$m_2$	$m_3$	
128)	$6_2/m_z$	$\bar{6}_z$	$6_z$	$2_z$	$6_z^5$	(111,169
			$\bar{3}_z$	$\bar{3}_z^5$	$\bar{1}$	

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129)	$\bar{6}_z m_x 2_1$	$\bar{6}_z$	$2_1$ $m_x$	$2_2$ $m_{xy}$	$2_3$ $m_y$	(149,169)	
129)	$\bar{6}_z m_1 2_x$	$\bar{6}_z$	$2_x$ $m_1$	$2_{xy}$ $m_2$	$2_y$ $m_3$	(169)	
130)	$6_2/m_2 m_x m_1$	$6_2/m_2$	$2_x$ $2_1$ $m_x$ $m_1$	$2_{xy}$ $2_2$ $m_{xy}$ $m_2$	$2_y$ $2_3$ $m_y$ $m_3$	(180)	
131)	$6_2/m_2 m_x m_1$	$6_2 2_x 2_1$	$\bar{1}$ $m_z$ $m_x$ $m_1$	$\bar{6}_z^5$ $\bar{3}_z$ $m_{xy}$ $m_2$	$\bar{3}_z^5$ $\bar{6}_z$ $m_y$ $m_3$	(177)	
132)	$6_2/m_2 m_x m_1$	$6_2 m_x m_1$	$2_x$ $2_1$ $\bar{1}$ $m_z$ $m_1$	$2_{xy}$ $2_2$ $\bar{6}_z^5$ $\bar{3}_z$ $m_2$	$2_y$ $2_3$ $\bar{3}_z^5$ $\bar{6}_z$ $m_3$	(176)	
133)	$6_2/m_2 m_x m_1$	$\bar{6}_z m_x 2_1$	$6_2$ $2_x$ $\bar{3}_z$ $m_1$	$2_2$ $2_{xy}$ $\bar{3}_z^5$ $m_2$	$\bar{6}_z^5$ $2_y$ $\bar{1}$ $m_3$	(174)	
133)	$6_2/m_2 m_x m_1$	$\bar{6}_z m_1 2_x$	$6_2$ $2_1$ $\bar{3}_z$ $m_x$	$2_2$ $2_2$ $\bar{3}_z^5$ $m_{xy}$	$\bar{6}_z^5$ $2_3$ $\bar{1}$ $m_y$	(175)	
134)	$m_z \bar{3}_{xyz}$	$2_2 \bar{3}_{xyz}$	$\bar{1}$ $\bar{3}_{xyz}$ $\bar{3}_{xyz}^5$ $m_x$	$m_x$ $\bar{3}_{xyz}$ $\bar{3}_{xyz}^5$ $m_{xy}$	$m_y$ $\bar{3}_{xyz}$ $\bar{3}_{xyz}^5$ $m_y$	$m_z$ $\bar{3}_{xyz}$ $\bar{3}_{xyz}^5$ $m_z$	(191,244)
135)	$4_2 \bar{3}_{xyz} 2_{xy}$	$2_2 \bar{3}_{xyz}$	$2_{xy}$ $2_{xz}$ $4_x$ $4_x^3$	$2_{xy}$ $2_{yz}$ $4_y$ $4_y^3$	$2_{xz}$ $2_{yz}$ $4_z$ $4_z^3$	(204,244)	

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$$136) \quad \overline{4}_z \overline{3}_{xyz} m_{xy} \quad \overline{2}_z \overline{3}_{xyz} \quad m_{xy} \quad m_{\overline{xy}} \quad m_{xz} \quad (215,244)$$

$$m_{\overline{xz}} \quad m_{yz} \quad m_{\overline{yz}}$$

$$\overline{4}_x \quad \overline{4}_y \quad \overline{4}_z$$

$$\overline{4}_x^3 \quad \overline{4}_y^3 \quad \overline{4}_z^3$$

$$137) \quad m_z \overline{3}_{xyz} m_{xy} \quad \overline{4}_z \overline{3}_{xyz} m_{xy} \quad \overline{2}_{\overline{xy}} \quad 2_{xy} \quad 2_{xz} \quad (245)$$

$$\overline{2}_{\overline{xz}} \quad \overline{2}_{\overline{yz}} \quad 2_{yz}$$

$$4_x \quad 4_x^3 \quad 4_y$$

$$4_y^3 \quad 4_z \quad 4_z^3$$

$$\overline{1} \quad m_x \quad m_y \quad m_z$$

$$\overline{3}_{xyz} \quad \overline{3}_{\overline{xyz}} \quad \overline{3}_{\overline{xy}z} \quad \overline{3}_{\overline{xy}\overline{z}}$$

$$\overline{3}_{xyz}^5 \quad \overline{3}_{\overline{xyz}}^5 \quad \overline{3}_{\overline{xy}z}^5 \quad \overline{3}_{\overline{xy}\overline{z}}^5$$

$$138) \quad m_z \overline{3}_{xyz} m_{xy} \quad \overline{4}_z \overline{3}_{xyz} \overline{2}_{xy} \quad \overline{1} \quad m_x \quad m_y \quad (246)$$

$$m_z \quad m_{xy} \quad m_{\overline{xy}}$$

$$\overline{4}_x \quad \overline{4}_x^3 \quad \overline{4}_y$$

$$\overline{4}_y^3 \quad \overline{4}_z \quad \overline{4}_z^3$$

$$m_{xz} \quad m_{\overline{xz}} \quad m_{\overline{yz}} \quad m_{yz}$$

$$\overline{3}_{xyz} \quad \overline{3}_{\overline{xyz}} \quad \overline{3}_{\overline{xy}z} \quad \overline{3}_{\overline{xy}\overline{z}}$$

$$\overline{3}_{xyz}^5 \quad \overline{3}_{\overline{xyz}}^5 \quad \overline{3}_{\overline{xy}z}^5 \quad \overline{3}_{\overline{xy}\overline{z}}^5$$

$$139) \quad m_z \overline{3}_{xyz} m_{xy} \quad m_z \overline{3}_{xyz} \quad \overline{2}_{\overline{xy}} \quad 2_{xy} \quad 2_{xz} \quad (247)$$

$$\overline{2}_{\overline{xz}} \quad \overline{2}_{\overline{yz}} \quad 2_{yz}$$

$$m_{xy} \quad m_{\overline{xy}} \quad m_{xz}$$

$$m_{\overline{xz}} \quad m_{\overline{yz}} \quad m_{yz}$$

$$4_x \quad 4_x^3 \quad 4_y$$

$$4_y^3 \quad 4_z \quad 4_z^3$$

$$\overline{4}_x \quad \overline{4}_x^3 \quad \overline{4}_y$$

$$\overline{4}_y^3 \quad \overline{4}_z \quad \overline{4}_z^3$$

**Table 3**

tensor				
class	$K_{ij}$	F	$g_{ij}$ F	
1)*	$\bar{1}$	1	$\bar{1}$	
2)	$2_z$	1	$2_z$	
3)	$m_z$	1	$m_z$	
4)	$4_z$	1	$4_z$	
5)	$\bar{4}_z$	1	$\bar{4}_z$	
6)	$3_z$	1	$3_z$	
7)	$\bar{3}_z$	1	$\bar{3}_z$	
8)	$6_z$	1	$6_z$	
9)	$\bar{6}_z$	1	$\bar{6}_z$	
10)	$2_z/m_z$	$\bar{1}$	$2_z$	$m_z$
11)	$4_z/m_z$	$\bar{1}$	$4_z$	$\bar{4}_z$
12)	$\bar{3}_z$	$\bar{1}$	$3_z$	$\bar{3}_z$
13)	$6_z/m_z$	$\bar{1}$	$6_z$	$\bar{6}_z$
14)	$4_2 2_{xy}$	$2_x$	$2_{xy}$	$4_z$

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15)	$\bar{4}_z 2_x m_{xy}$	$2_x$	$m_{xy}$	$\bar{4}_z^3$
16)	$3_z 2_x$	$2_x$	$3_z$	$2_{xy}$
17)	$\bar{3}_z m_x$	$2_x$	$\bar{3}_z$	$m_{xy}$
18)	$6_z 2_x 2_1$	$2_x$	$6_z$	$2_1$
19)	$\bar{6}_z m_1 2_x$	$2_x$	$\bar{6}_z$	$m_1$
20)*	$2_z / m_z$	$2_z$	$\bar{1}$	$m_z$
21)	$2_x 2_y 2_z$	$2_z$	$2_x$	$2_y$
22)	$m_x m_y 2_z$	$2_z$	$m_x$	$m_y$
23)	$4_z$	$2_z$	$4_z$	$4_z^3$
24)	$\bar{4}_z$	$2_z$	$\bar{4}_z$	$\bar{4}_z^3$
25)	$6_z$	$2_z$	$6_z$	$3_z^2$
26)	$6_z / m_z$	$2_z$	$\bar{6}_z$	$\bar{3}_z^2$
27)	$2_z \bar{3}_{xyz}$	$2_z$	$3_{xyz}$	$3_{xyz}^2$
28)	$m_z \bar{3}_{xyz}$	$2_z$	$\bar{3}_{xyz}$	$\bar{3}_{xyz}^2$
29)	$4_z \bar{3}_{xyz} 2_{xy}$	$2_{xy}$	$3_{xyz}$	$4_y^3$
30)	$m_z \bar{3}_{xyz} m_{xy}$	$2_{xy}$	$\bar{3}_{xyz}$	$\bar{4}_y^3$
31)	$\bar{4}_z 2_{xy} m_x$	$m_x$	$2_{xy}$	$\bar{4}_z$

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32)	$3_2 m_x$	$m_x$	$3_z$	$m_{xy}$		
33)	$\bar{3}_2 m_x$	$m_x$	$2_{xy}$	$\bar{3}_z$		
34)	$6_2 m_x m_1$	$m_x$	$6_z$	$m_1$		
35)	$\bar{6}_2 m_x 2_1$	$m_x$	$2_1$	$\bar{6}_z$		
36)*	$2_z/m_z$	$m_z$	$2_z$	$\bar{1}$		
37)	$m_y m_z 2_x$	$m_z$	$2_x$	$m_y$		
38)	$4_z/m_z$	$m_z$	$4_z$	$\bar{4}_z^3$		
39)	$4_x m_y m_{yz}$	$m_z$	$4_x$	$m_{yz}$		
40)	$\bar{6}_z$	$m_z$	$3_z$	$\bar{6}_z^5$		
41)	$6_z/m_z$	$m_z$	$6_z$	$\bar{3}_z^2$		
42)	$m_z \bar{3}_{xyz}$	$m_z$	$3_{xyz}$	$\bar{3}_{xyz}^2$		
43)	$\bar{4}_z 3_{xyz} m_{xy}$	$m_{xy}$	$3_{xyz}$	$\bar{4}_y^3$		
44)	$m_z \bar{3}_{xyz} m_{xy}$	$m_{xy}$	$4_x$	$\bar{3}_{xyz}^5$		
45)	$\bar{3}_2 m_x$	$2_x/m_x$	$3_z$	$2_{xy}$	$\bar{3}_z$	$m_{xy}$
46)	$6_z/m_z m_x m_1$	$2_x/m_x$	$6_z$	$2_1$	$\bar{6}_z$	$m_1$
47)	$m_x m_y m_z$	$2_z/m_z$	$2_x$	$2_y$	$m_x$	$m_y$
48)	$4_z/m_z$	$2_z/m_z$	$4_z$	$4_z^3$	$\bar{4}_z$	$\bar{4}_z^3$

Table 3 - 3



49)	$4_z/m_z m_x m_{xy}$	$2_x/m_x$	$2_{\bar{xy}}$	$m_{\bar{xy}}$	$4_z^3$	$\bar{4}_z^3$
50)	$6_z/m_z$	$2_z/m_z$	$6_z$	$3_z^2$	$\bar{6}_z$	$\bar{3}_z^5$
51)	$m_z \bar{3}_{xyz}$	$2_z/m_z$	$3_{xyz}$	$3_{\bar{xyz}}^2$	$\bar{3}_{xyz}$	$\bar{3}_{\bar{xyz}}^5$
52)	$m_z \bar{3}_{xyz} m_{xy}$	$2_{xy}/m_{xy}$	$3_{xyz}$	$\bar{3}_{xyz}$	$4_y^3$	$\bar{4}_y^3$
53)*	$m_x m_y m_z$	$2_x 2_y 2_z$	$\bar{1}$	$m_x$	$m_y$	$m_z$
54)	$4_z 2_x 2_{xy}$	$2_x 2_y 2_z$	$2_{xy}$	$2_{\bar{xy}}$	$4_z$	$4_z^3$
55)	$\bar{4}_z 2_x m_{xy}$	$2_x 2_y 2_z$	$m_{\bar{xy}}$	$m_{xy}$	$\bar{4}_z$	$\bar{4}_z^3$
56)	$2_z 3_{xyz}$	$2_x 2_y 2_z$	$3_{xyz}$	$3_{\bar{xyz}}^2$	$3_{\bar{xyz}}^2$	$3_{\bar{xyz}}^2$
57)	$m_z \bar{3}_{xyz}$	$2_x 2_y 2_z$	$\bar{3}_{xyz}$	$\bar{3}_{\bar{xyz}}^5$	$\bar{3}_{\bar{xyz}}^5$	$\bar{3}_{\bar{xyz}}^5$
58)	$4_z 3_{xyz} 2_{xy}$	$2_{xy} 2_{\bar{xy}} 2_z$	$3_{xyz}$	$4_y^3$	$2_{\bar{xz}}$	$3_{\bar{xyz}}^2$
59)	$m_z \bar{3}_{xyz} m_{xy}$	$2_{xy} 2_{\bar{xy}} 2_z$	$\bar{3}_{xyz}$	$\bar{3}_{\bar{xyz}}^5$	$\bar{4}_y^3$	$m_{\bar{xz}}$
60)	$6_z 2_x 2_1$	$2_x 2_2 2_z$	$6_z$	$3_z^2$	$2_1$	$2_y$
61)	$6_z/m_z m_x m_1$	$2_x 2_2 2_z$	$\bar{6}_z$	$\bar{3}_z^5$	$m_1$	$m_y$
62)*	$m_x m_y m_z$	$m_x m_y 2_z$	$2_x$	$\bar{1}$	$m_z$	$2_y$
63)	$4_z m_x m_{xy}$	$m_x m_y 2_z$	$4_z$	$4_z^3$	$m_{xy}$	$m_{\bar{xy}}$
64)	$\bar{4}_z 2_{xy} m_x$	$m_x m_y 2_z$	$2_{\bar{xy}}$	$2_{xy}$	$\bar{4}_z$	$\bar{4}_z^3$
65)	$4_x/m_x m_y m_{yz}$	$m_x m_y 2_z$	$2_{\bar{yz}}$	$m_{yz}$	$\bar{4}_x$	$4_x^3$

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66)	$m_z \bar{3}_{xyz}$	$m_x m_y 2_z$	$3_{xyz}$	$3_{xyz}^2$	$\bar{3}_{xyz}^5$	$\bar{3}_{xyz}^5$
67)	$\bar{4}_z 3_{xyz} m_{xy}$	$m_{xy} m_{xy} 2_z$	$3_{xyz}$	$\bar{4}_y^3$	$m_{xz}$	$3_{xyz}^2$
68)	$m_z \bar{3}_{xyz} m_{xy}$	$m_{xy} m_{xy} 2_z$	$2_{yz}$	$4_x$	$\bar{3}_{xyz}^5$	$\bar{3}_{xyz}$
69)	$m_z \bar{3}_{xyz} m_{xy}$	$m_{xy} m_z 2_{xy}$	$3_{xyz}$	$\bar{3}_{xyz}^5$	$4_y^3$	$m_{xz}$
70)	$m_z \bar{3}_{xyz} m_{xy}$	$m_{xy} m_z 2_{xy}$	$3_{xyz}$	$\bar{3}_{xyz}^5$	$\bar{4}_x$	$2_{yz}$
71)	$\bar{6}_z m_x 2_1$	$m_z m_y 2_1$	$3_z$	$2_2$	$\bar{6}_z^5$	$m_x$
72)	$6_z / m_z m_x m_1$	$m_z m_z 2_x$	$6_z$	$2_1$	$\bar{3}_z^5$	$m_y$
73)	$6_z m_x m_1$	$m_x m_z 2_z$	$6_z$	$3_z^2$	$m_1$	$m_y$
74)	$6_z / m_z m_x m_1$	$m_x m_z 2_z$	$2_1$	$2_y$	$\bar{6}_z$	$\bar{3}_z^5$
75)	$4_z / m_z m_x m_{xy}$	$m_x m_y m_z$	$2_{xy}$	$2_{xy}$	$4_z$	$4_z^3$
			$m_{xy}$	$m_{xy}$	$\bar{4}_z$	$\bar{4}_z^3$
76)	$m_z \bar{3}_{xyz}$	$m_x m_y m_z$	$3_{xyz}$	$3_{xyz}^2$	$3_{xyz}^2$	$3_{xyz}^2$
			$\bar{3}_{xyz}$	$\bar{3}_{xyz}^5$	$\bar{3}_{xyz}^5$	$\bar{3}_{xyz}^5$
77)	$m_z \bar{3}_{xyz} m_{xy}$	$m_{xy} m_{xy} m_z$	$3_{xyz}$	$3_{xyz}^2$	$\bar{3}_{xyz}^5$	$\bar{3}_{xyz}$
			$2_{xz}$	$m_{xz}$	$4_y^3$	$\bar{4}_y^3$
78)	$6_z / m_z m_x m_1$	$m_x m_z m_z$	$6_z$	$3_z^2$	$2_1$	$2_y$
			$\bar{6}_z$	$\bar{3}_z^5$	$m_1$	$m_y$
79)*	$4_z / m_z$	$4_z$	$\bar{1}$	$m_z$	$\bar{4}_z$	$\bar{4}_z^3$
80)*	$4_z 2_x 2_{xy}$	$4_z$	$2_x$	$2_y$	$2_{xy}$	$2_{xy}$

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81)*	$4_2 m_x m_{xy}$	$4_z$	$m_x$	$m_y$	$m_{xy}$	$m_{\bar{x}y}$
82)	$4_2 3_{xyz} 2_{xy}$	$4_z$	$3_{xyz}$	$4_y$	$2_{xz}$	$3_{\bar{x}y\bar{z}}^2$
83)	$m_z \bar{3}_{xyz} m_{xy}$	$4_z$	$\bar{3}_{xyz}$	$\bar{3}_{\bar{x}y\bar{z}}^5$	$\bar{4}_y$	$m_{xz}$
84)*	$4_z/m_z$	$\bar{4}_z$	$4_z$	$4_z^3$	$m_z$	$\bar{1}$
85)*	$\bar{4}_z 2_x m_{xy}$	$\bar{4}_z$	$2_x$	$2_y$	$m_{\bar{x}y}$	$m_{xy}$
86)	$\bar{4}_z 3_{xyz} m_{xy}$	$\bar{4}_z$	$3_{xyz}$	$\bar{4}_y$	$m_{xz}$	$3_{\bar{x}y\bar{z}}^2$
87)	$m_z \bar{3}_{xyz} m_{xy}$	$\bar{4}_z$	$2_{\bar{y}z}$	$4_x$	$\bar{3}_{xy\bar{z}}$	$\bar{3}_{\bar{x}y\bar{z}}$
88)*	$4_z/m_z m_x m_{xy}$	$4_z/m_z$	$2_x$ $m_x$	$2_y$ $m_y$	$2_{\bar{x}y}$ $m_{\bar{x}y}$	$2_{xy}$ $m_{xy}$
89)	$m_z \bar{3}_{xyz} m_{xy}$	$4_z/m_z$	$3_{xyz}$ $2_{xz}$	$3_{\bar{x}y\bar{z}}^2$ $m_{xz}$	$\bar{3}_{\bar{x}y\bar{z}}^5$ $4_y$	$\bar{3}_{xyz}$ $\bar{4}_y$
90)*	$4_z/m_z m_x m_{xy}$	$4_2 2_x 2_{xy}$	$\bar{1}$ $m_{\bar{x}y}$	$m_x$ $m_{xy}$	$m_y$ $\bar{4}_z$	$m_z$ $4_z^3$
91)	$4_2 3_{xyz} 2_{xy}$	$4_2 2_x 2_{xy}$	$3_{xyz}$ $2_{\bar{x}y}$	$3_{\bar{x}y\bar{z}}^2$ $4_y$	$3_{\bar{x}y\bar{z}}^2$ $2_{xz}$	$3_{\bar{x}y\bar{z}}^2$ $4_y^3$
92)	$m_z \bar{3}_{xyz} m_{xy}$	$4_2 2_x 2_{xy}$	$\bar{3}_{xyz}$ $m_{xz}$	$\bar{3}_{\bar{x}y\bar{z}}^5$ $m_{\bar{x}z}$	$\bar{3}_{\bar{x}y\bar{z}}^5$ $\bar{4}_y$	$\bar{3}_{\bar{x}y\bar{z}}^5$ $\bar{4}_y^3$
93)*	$4_z/m_z m_x m_{xy}$	$4_2 m_x m_{xy}$	$2_x$ $\bar{1}$	$2_y$ $m_z$	$2_{\bar{x}y}$ $\bar{4}_z$	$2_{xy}$ $4_z^3$
94)	$m_z \bar{3}_{xyz} m_{xy}$	$4_2 m_x m_{xy}$	$3_{xyz}$ $2_{xy}$	$3_{\bar{x}y\bar{z}}^2$ $4_y$	$\bar{3}_{\bar{x}y\bar{z}}^5$ $\bar{4}_y^3$	$\bar{3}_{\bar{x}y\bar{z}}^5$ $m_{\bar{x}z}$

Table 3 - 6

95)	$m_z \bar{3}_{xyz} m_{xy}$	$\bar{4}_z 2_{xy} m_x$	$3_{xyz}$ $2_{\bar{xz}}$	$3_{\bar{xyz}}^2$ $4_y^3$	$\bar{3}_{\bar{xyz}}^5$ $\bar{4}_y$	$\bar{3}_{xyz}^5$ $m_{xz}$
96)	$\bar{4}_z 3_{xyz} m_{xy}$	$\bar{4}_z 2_x m_{xy}$	$3_{xyz}$ $m_{\bar{xz}}$	$3_{\bar{xyz}}^2$ $\bar{4}_y$	$3_{\bar{xyz}}^2$ $m_{xz}$	$3_{xyz}^2$ $\bar{4}_y^3$
97)	$m_z \bar{3}_{xyz} m_{xy}$	$\bar{4}_z 2_x m_{xy}$	$2_{\bar{yz}}$ $\bar{3}_{xyz}^5$	$2_{yz}$ $\bar{3}_{\bar{xyz}}$	$4_x^3$ $\bar{3}_{\bar{xyz}}$	$4_x$ $\bar{3}_{xyz}$
98)*	$4_z / m_z m_x m_{xy}$	$\bar{4}_z 2_x m_{xy}$	$2_{\bar{xy}}$ $\bar{1}$	$4_z$ $m_x$	$4_z^3$ $m_y$	$2_{xy}$ $m_z$
99)	$m_z \bar{3}_{xyz} m_{xy}$	$4_z / m_z m_x m_{xy}$	$3_{xyz}$ $3_{xyz}^2$ $4_y$ $2_{\bar{xz}}$	$\bar{3}_{xyz}$ $\bar{3}_{\bar{xyz}}^5$ $4_y^3$ $m_{\bar{xz}}$	$3_{\bar{xyz}}^2$ $\bar{3}_{\bar{xyz}}^5$ $\bar{4}_y$ $2_{xz}$	$3_{xyz}^2$ $\bar{3}_{xyz}^5$ $\bar{4}_y^3$ $m_{xz}$
100)*	$3_2 2_x$	$3_2$	$2_x$	$2_{xy}$	$2_y$	
101)*	$3_2 m_x$	$3_2$	$m_x$	$m_{xy}$	$m_y$	
102)*	$\bar{3}_z$	$3_2$	$\bar{1}$	$\bar{3}_z$	$\bar{3}_z^5$	
103)*	$6_z$	$3_2$	$6_z$	$2_z$	$6_z^5$	
104)*	$\bar{6}_z$	$3_2$	$\bar{6}_z$	$m_z$	$\bar{6}_z^5$	
105)	$m_z \bar{3}_{xyz}$	$3_{xyz}$	$m_x$	$\bar{3}_{xyz}$	$\bar{3}_{\bar{xyz}}^5$	
106)	$2_z 3_{xyz}$	$3_{xyz}$	$2_x$	$3_{\bar{xyz}}$	$3_{\bar{xyz}}^2$	
107)	$\bar{4}_z 3_{xyz} m_{xy}$	$3_{xyz}$	$\bar{4}_z$	$\bar{4}_y^3$	$m_{yz}$	
108)	$4_z 3_{xyz} 2_{xy}$	$3_{xyz}$	$4_z$	$4_y^3$	$2_{yz}$	

Table 3 - 7

109)*	$6_z/m_z$	$\bar{3}_z$	$6_z$ $\bar{6}_z$	$2_z$ $m_z$	$6_z^5$ $\bar{6}_z^5$			
110)*	$\bar{3}_z m_x$	$\bar{3}_z$	$2_x$ $m_x$	$2_{xy}$ $m_{xy}$	$2_y$ $m_y$			
111)	$m_z \bar{3}_{xyz}$	$\bar{3}_{xyz}$	$2_x$	$3_{xy\bar{z}}$	$3_{xy\bar{z}}^2$	$m_x$	$\bar{3}_{xy\bar{z}}$	$\bar{3}_{xy\bar{z}}^5$
112)	$m_z \bar{3}_{xyz} m_{xy}$	$\bar{3}_{xyz}$	$4_z$	$\bar{4}_z$	$4_y^3$	$\bar{4}_y^3$	$2_{yz}$	$m_{yz}$
113)*	$\bar{3}_z m_x$	$3_2 2_x$	$\bar{1}$	$\bar{3}_z$	$\bar{3}_z^5$	$m_x$	$m_{xy}$	$m_y$
114)*	$6_z 2_x 2_1$	$3_2 2_x$	$6_z$	$2_z$	$6_z^5$	$2_1$	$2_2$	$2_3$
115)*	$\bar{6}_z m_1 2_x$	$3_2 2_x$	$\bar{6}_z$	$m_z$	$\bar{6}_z^5$	$m_1$	$m_2$	$m_3$
116)	$4_z 3_{xyz} 2_{xy}$	$3_{xyz} 2_{\bar{xy}}$	$2_x$	$3_{xy\bar{z}}$	$3_{xy\bar{z}}^2$	$4_z$	$2_{yz}$	$4_y^3$
117)	$m_z \bar{3}_{xyz} m_{xy}$	$3_{xyz} 2_{\bar{xy}}$	$m_x$	$\bar{3}_{xy\bar{z}}$	$\bar{3}_{xy\bar{z}}^5$	$\bar{4}_z$	$m_{xy}$	$\bar{4}_y^3$
118)*	$\bar{3}_z m_x$	$3_2 m_x$	$2_x$	$2_{xy}$	$2_y$	$\bar{1}$	$\bar{3}_z$	$\bar{3}_z^5$
119)*	$6_z m_x m_1$	$3_2 m_x$	$6_z$	$2_z$	$6_z^5$	$m_1$	$m_2$	$m_3$
120)*	$\bar{6}_z m_x 2_1$	$3_2 m_x$	$2_1$	$2_2$	$2_3$	$\bar{6}_z$	$\bar{6}_z^5$	$m_z$
121)	$\bar{4}_z 3_{xyz} m_{xy}$	$3_{xyz} m_{\bar{xy}}$	$2_x$	$3_{xy\bar{z}}$	$3_{xy\bar{z}}^2$	$\bar{4}_z$	$m_{yz}$	$\bar{4}_y^3$
122)	$m_z \bar{3}_{xyz} m_{xy}$	$3_{xyz} m_{\bar{xy}}$	$4_z$	$4_y^3$	$2_{yz}$	$m_x$	$\bar{3}_{xy\bar{z}}^5$	$\bar{3}_{xy\bar{z}}$
123)	$m_z \bar{3}_{xyz} m_{xy}$	$\bar{3}_{xyz} m_{\bar{xy}} 2_x$	$m_x$ $4_z$ $3_{xy\bar{z}}$	$2_{yz}$ $\bar{4}_z$ $\bar{3}_{xy\bar{z}}$	$m_{yz}$ $4_y^3$ $3_{xy\bar{z}}^2$	$\bar{4}_y^3$ $\bar{3}_{xy\bar{z}}^5$		

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124)*	$6_z/m_z m_x m_1$	$\bar{3}_z m_x$	$6_z$ $\bar{6}_z$	$2_z$ $m_z$	$6_z^5$ $\bar{6}_z^5$	$2_1$ $m_1$	$2_2$ $m_2$	$2_3$ $m_3$
125)*	$6_z/m_z$	$6_z$	$\bar{1}$	$\bar{6}_z$	$\bar{3}_z$	$m_z$	$\bar{3}_z^5$	$\bar{6}_z^5$
126)*	$6_z 2_x 2_1$	$6_z$	$2_x$	$2_{xy}$	$2_y$	$2_1$	$2_2$	$2_3$
127)*	$6_z m_x m_1$	$6_z$	$m_x$	$m_{xy}$	$m_y$	$m_1$	$m_2$	$m_3$
128)*	$6_z/m_z$	$\bar{6}_z$	$6_z$	$2_z$	$6_z^5$	$\bar{3}_z$	$\bar{3}_z^5$	$\bar{1}$
129)*	$\bar{6}_z m_x 2_1$	$\bar{6}_z$	$2_1$	$2_2$	$2_3$	$m_x$	$m_{xy}$	$m_y$
130)*	$6_z/m_z m_x m_1$	$6_z/m_z$	$2_x$ $m_x$	$2_{xy}$ $m_{xy}$	$2_y$ $m_y$	$2_1$ $m_1$	$2_2$ $m_2$	$2_3$ $m_3$
131)*	$6_z/m_z m_x m_1$	$6_z 2_x 2_1$	$\bar{1}$ $m_x$	$\bar{6}_z^5$ $m_{xy}$	$\bar{3}_z^5$ $m_y$	$m_z$ $m_1$	$\bar{3}_z$ $m_2$	$\bar{6}_z$ $m_3$
132)*	$6_z/m_z m_x m_1$	$6_z m_x m_1$	$2_x$ $\bar{1}$	$2_{xy}$ $\bar{6}_z^5$	$2_y$ $\bar{3}_z^5$	$2_1$ $m_z$	$2_2$ $\bar{3}_z$	$2_3$ $\bar{6}_z$
133)*	$6_z/m_z m_x m_1$	$\bar{6}_z m_x 2_1$	$6_z$ $\bar{3}_z$	$2_z$ $\bar{3}_z^5$	$\bar{6}_z^5$ $\bar{1}$	$2_x$ $m_1$	$2_{xy}$ $m_2$	$2_y$ $m_3$
134)*	$m_z \bar{3}_{xyz}$	$2_z \bar{3}_{xyz}$	$\bar{1}$ $\bar{3}_{xyz}$ $\bar{3}_{xyz}^5$	$m_x$ $\bar{3}_{\bar{xy}z}$ $\bar{3}_{\bar{xy}z}^5$	$m_y$ $\bar{3}_{x\bar{y}z}$ $\bar{3}_{x\bar{y}z}^5$	$m_z$ $\bar{3}_{xy\bar{z}}$ $\bar{3}_{xy\bar{z}}^5$		
135)*	$4_z \bar{3}_{xyz} 2_{xy}$	$2_z \bar{3}_{xyz}$	$2_{xy}$ $4_x$	$2_{\bar{xy}}$ $4_y$	$2_{xz}$ $4_z$	$2_{\bar{x}z}$ $4_x^3$	$2_{yz}$ $4_y^3$	$2_{\bar{y}z}$ $4_z^3$
136)*	$\bar{4}_z \bar{3}_{xyz} m_{xy}$	$2_z \bar{3}_{xyz}$	$m_{xy}$ $\bar{4}_x$	$m_{\bar{xy}}$ $\bar{4}_y$	$m_{xz}$ $\bar{4}_z$	$m_{\bar{x}z}$ $\bar{4}_x^3$	$m_{yz}$ $\bar{4}_y^3$	$m_{\bar{y}z}$ $\bar{4}_z^3$

Table 3 - 9

137)*	$m_z \bar{3}_{xyz} m_{xy}$	$\bar{4}_z \bar{3}_{xyz} m_{xy}$	$2_{\bar{x}y}$	$2_{xy}$	$2_{xz}$	$2_{\bar{x}z}$	$2_{\bar{y}z}$	$2_{yz}$
			$4_x$	$4_x^3$	$4_y$	$4_y^3$	$4_z$	$4_z^3$
			$\bar{1}$	$m_x$	$m_y$	$m_z$		
			$\bar{3}_{xyz}$	$\bar{3}_{\bar{x}yz}$	$\bar{3}_{x\bar{y}z}$	$\bar{3}_{xy\bar{z}}$		
			$\bar{3}_{xyz}^5$	$\bar{3}_{\bar{x}yz}^5$	$\bar{3}_{x\bar{y}z}^5$	$\bar{3}_{xy\bar{z}}^5$		
138)*	$m_z \bar{3}_{xyz} m_{xy}$	$4_z \bar{3}_{xyz} 2_{xy}$	$\bar{1}$	$m_x$	$m_y$	$m_z$	$m_{xy}$	$m_{\bar{x}y}$
			$\bar{4}_x$	$\bar{4}_x^3$	$\bar{4}_y$	$\bar{4}_y^3$	$\bar{4}_z$	$\bar{4}_z^3$
			$m_{xz}$	$m_{\bar{x}z}$	$m_{\bar{y}z}$	$m_{yz}$		
			$\bar{3}_{xyz}$	$\bar{3}_{\bar{x}yz}$	$\bar{3}_{x\bar{y}z}$	$\bar{3}_{xy\bar{z}}$		
			$\bar{3}_{xyz}^5$	$\bar{3}_{\bar{x}yz}^5$	$\bar{3}_{x\bar{y}z}^5$	$\bar{3}_{xy\bar{z}}^5$		
139)*	$m_z \bar{3}_{xyz} m_{xy}$	$m_z \bar{3}_{xyz}$	$2_{\bar{x}y}$	$2_{xy}$	$2_{xz}$	$2_{\bar{x}z}$	$2_{\bar{y}z}$	$2_{yz}$
			$m_{xy}$	$m_{\bar{x}y}$	$m_{xz}$	$m_{\bar{x}z}$	$m_{\bar{y}z}$	$m_{yz}$
			$4_x$	$4_x^3$	$4_y$	$4_y^3$	$4_z$	$4_z^3$
			$\bar{4}_x$	$\bar{4}_x^3$	$\bar{4}_y$	$\bar{4}_y^3$	$\bar{4}_z$	$\bar{4}_z^3$

Table 3 - 10

**Table 4**

tensor type	tensor class of domain pair													
	1*	2	3	4	5	6	7	8	9	10	11	12	13	14
$\epsilon$		N		N		N		N		Z	Z	Z	Z	N
V										Z	Z	Z	Z	
$\epsilon V$	N													
$[V^2]$	N													
$\{V^2\}$	N													
$V^2$	N													
$\epsilon[V^2]$										Z	Z	Z	Z	
$\epsilon\{V^2\}$										Z	Z	Z	Z	
$\epsilon V^2$										Z	Z	Z	Z	
$[V^3]$										Z	Z	Z	Z	
$V[V^2]$										Z	Z	Z	Z	
$\{V^2\}V$										Z	Z	Z	Z	
$V^3$										Z	Z	Z	Z	
$\epsilon V[V^2]$	N													
$\epsilon\{V^2\}V$	N													
$[V^4]$	N													
$V[V^3]$	N													
$[[V^2]^2]$	N													
$[V^2]^2$	N													
$[(V^2)^2]$	N													
$[V^2]V^2$	N													
$V^4$	N													



	15	16	17	18	19	20*	21	22	23	24	25	26	27	28
$\epsilon$		N		N			N		N		N		N	
V								N	N		N			
$\epsilon V$						N			N	N	N	N		
$[V^2]$						N								
$\{V^2\}$						N			N	N	N	N		
$V^2$						N								
$\epsilon[V^2]$														
$\epsilon\{V^2\}$									N	N	N			
$\epsilon V^2$														
$[V^3]$														
$V[V^2]$														
$\{V^2\}V$														
$V^3$														
$\epsilon V[V^2]$						N								
$\epsilon\{V^2\}V$						N								
$[V^4]$						N								
$V[V^3]$						N								
$[[V^2]^2]$						N								
$[V^2]^2$						N								
$[(V^2)^2]$						N								
$[V^2]V^2$						N								
$V^4$						N								

Table 4 - 2

	29	30	31	32	33	34	35	36*	37	38	39	40	41	42
$\epsilon$	N	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z
V														
$\epsilon V$								N		N		N	N	
$[V^2]$								N						
$\{V^2\}$								N		N	N	N	N	
$V^2$								N						
$\epsilon[V^2]$														
$\epsilon\{V^2\}$														
$\epsilon V^2$														
$[V^3]$														
$V[V^2]$														
$\{V^2\}V$														
$V^3$														
$\epsilon V[V^2]$								N						
$\epsilon\{V^2\}V$								N						
$[V^4]$								N						
$V[V^3]$								N						
$[[V^2]^2]$								N						
$[V^2]^2$								N						
$[(V^2)^2]$								N						
$[V^2]V^2$								N						
$V^4$								N						

Table 4 - 3

	43	44	45	46	47	48	49	50	51	52	53*	54	55	56
$\epsilon$	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z		N		N
V			Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z
$\epsilon V$						N		N			Z	Z	Z	Z
$[V^2]$											N			
$\{V^2\}$						N		N			Z	Z	Z	Z
$V^2$											N			
$\epsilon[V^2]$			Z	Z	Z	Z	Z	Z	Z	Z				
$\epsilon\{V^2\}$			Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z
$\epsilon V^2$			Z	Z	Z	Z	Z	Z	Z	Z				
$[V^3]$			Z	Z	Z	Z	Z	Z	Z	Z			N	N
$V[V^2]$			Z	Z	Z	Z	Z	Z	Z	Z				
$\{V^2\}V$			Z	Z	Z	Z	Z	Z	Z	Z				
$V^3$			Z	Z	Z	Z	Z	Z	Z	Z				
$\epsilon V[V^2]$											N			
$\epsilon\{V^2\}V$											N			
$[V^4]$											N			
$V[V^3]$											N			
$[[V^2]^2]$											N			
$[V^2]^2$											N			
$[(V^2)^2]$											N			
$[V^2]V^2$											N			
$V^4$											N			

Table 4 - 4

	57	58	59	60	61	62*	63	64	65	66	67	68	69	70
$\epsilon$		N		N		Z	Z	Z	Z	Z	Z	Z	Z	Z
V	Z	Z	Z	Z	Z		N							
$\epsilon V$	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z
$[V^2]$						N								
$\{V^2\}$	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z
$V^2$						N								
$\epsilon[V^2]$								N						
$\epsilon\{V^2\}$	Z	Z	Z	Z	Z		N							
$\epsilon V^2$														
$[V^3]$														
$V[V^2]$														
$\{V^2\}V$														
$V^3$														
$\epsilon V[V^2]$						N								
$\epsilon\{V^2\}V$						N								
$[V^4]$						N								
$V[V^3]$						N								
$[[V^2]^2]$						N								
$[V^2]^2$						N								
$[(V^2)^2]$						N								
$[V^2]V^2$						N								
$V^4$						N								

Table 4 - 5

	71	72	73	74	75	76	77	78	79*	80*	81*	82	83	84*
$\epsilon$	Z	Z	Z	Z	Z	Z	Z	Z		N		N		Z
V			N		Z	Z	Z	Z			N			Z
$\epsilon V$	Z	Z	Z	Z	Z	Z	Z	Z	N					N
$[V^2]$									N	N	N			N
$\{V^2\}$	Z	Z	Z	Z	Z	Z	Z	Z	N					N
$V^2$									N					N
$\epsilon[V^2]$										N				
$\epsilon\{V^2\}$			N		Z	Z	Z	Z			N			Z
$\epsilon V^2$					Z	Z	Z	Z						
$[V^3]$					Z	Z	Z	Z			N			
$V[V^2]$					Z	Z	Z	Z						
$\{V^2\}V$					Z	Z	Z	Z						
$V^3$					Z	Z	Z	Z						
$\epsilon V[V^2]$									N					N
$\epsilon\{V^2\}V$									N					N
$[V^4]$									N					N
$V[V^3]$									N					N
$[[V^2]^2]$									N					N
$[V^2]^2$									N					N
$[(V^2)^2]$									N					N
$[V^2]V^2$									N					N
$V^4$									N					N

Table 4 - 7

	85*	86	87	88*	89	90*	91	92	93*	94	95	96	97	98*
$\epsilon$	Z	Z	Z	Z	Z		N		Z	Z	Z	Z	Z	Z
V	Z	Z	Z			Z	Z	Z			Z	Z	Z	Z
$\epsilon V$						Z	Z	Z	Z	Z	Z	Z	Z	Z
$[V^2]$	N			N		N			N					N
$\{V^2\}$						Z	Z	Z	Z	Z	Z	Z	Z	Z
$V^2$						N			N					N
$\epsilon[V^2]$				Z	Z				Z	Z				
$\epsilon\{V^2\}$	Z	Z	Z	Z	Z	Z	Z	Z			Z	Z	Z	Z
$\epsilon V^2$				Z	Z				Z	Z				
$[V^3]$				Z	Z	Z	Z	Z				N		
$V[V^2]$				Z	Z									
$\{V^2\}V$				Z	Z									
$V^3$				Z	Z									
$\epsilon V[V^2]$						N			N					N
$\epsilon\{V^2\}V$						N			N					N
$[V^4]$						N			N					N
$V[V^3]$						N			N					N
$[[V^2]^2]$						N			N					N
$[V^2]^2$						N			N					N
$[(V^2)^2]$						N			N					N
$[V^2]V^2$						N			N					N
$V^4$						N			N					N

Table 4 - 8

	99	100*	101*	102*	103*	104*	105	106	107	108	109*	110*	111	112
$\epsilon$	Z	N			N			N		N	Z	Z	Z	Z
V	Z		N		N						Z	Z	Z	Z
$\epsilon V$	Z			N	N	N					N			
$[V^2]$		N	N	N	N	N					N	N		
$\{V^2\}$	Z			N	N	N					N			
$V^2$				N	N	N					N			
$\epsilon[V^2]$	Z	N			N						Z	Z	Z	Z
$\epsilon\{V^2\}$	Z		N		N						Z	Z	Z	Z
$\epsilon V^2$	Z				N						Z	Z	Z	Z
$[V^3]$	Z										Z	Z	Z	Z
$V[V^2]$	Z										Z	Z	Z	Z
$\{V^2\}V$	Z				N						Z	Z	Z	Z
$V^3$	Z										Z	Z	Z	Z
$\epsilon V[V^2]$				N										
$\epsilon\{V^2\}V$				N	N	N					N			
$[V^4]$				N										
$V[V^3]$				N										
$[[V^2]^2]$				N										
$[V^2]^2$				N										
$[(V^2)^2]$				N										
$[V^2]V^2$				N										
$V^4$				N										

Table 4 - 9

	113*	114*	115*	116	117	118*	119*	120*	121	122	123	124*	125*	126*
$\epsilon$		N		N		Z	Z	Z	Z	Z	Z	Z		N
V	Z	Z	Z	Z			N					Z		
$\epsilon V$	Z	Z	Z	Z		Z	Z	Z	Z	Z	Z	Z	N	
$[V^2]$	N	N	N			N	N	N				N	N	N
$\{V^2\}$	Z	Z	Z	Z		Z	Z	Z	Z	Z	Z	Z	N	
$V^2$	N	N	N	N		N	N	N				N	N	
$\epsilon[V^2]$		N				Z	Z	Z	Z	Z	Z	Z		N
$\epsilon\{V^2\}$	Z	Z	Z	Z			N					Z		
$\epsilon V^2$		N					N					Z		
$[V^3]$			N									Z		
$V[V^2]$												Z		
$\{V^2\}V$		N					N					Z		
$V^3$												Z		
$\epsilon V[V^2]$	N					N							N	
$\epsilon\{V^2\}V$	N	N	N			N	N	N				N	N	
$[V^4]$	N					N							N	N
$V[V^3]$	N					N							N	
$[[V^2]^2]$	N					N							N	N
$[V^2]^2$	N					N							N	
$[(V^2)^2]$	N					N							N	
$[V^2]V^2$	N					N							N	
$V^4$	N					N							N	

Table 4 - 10



	127*	128*	129*	130*	131*	132*	133*	134*	135*	136*	137*	138*	139*
$\epsilon$		Z	Z	Z		Z	Z		N		Z	Z	Z
V	N	Z	Z	Z	Z		Z	Z	Z	Z	Z	Z	Z
$\epsilon V$		N			Z	Z	Z	Z	Z	Z	Z	Z	Z
$[V^2]$	N	N	N	N	N	N	N	N	N	N	N	N	N
$\{V^2\}$		N			Z	Z	Z	Z	Z	Z	Z	Z	Z
$V^2$		N			N	N	N	N	N	N	N	N	N
$\epsilon[V^2]$		Z	Z	Z		Z	Z		N		Z		
$\epsilon\{V^2\}$	N	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z
$\epsilon V^2$		Z	Z	Z			Z		N		Z		Z
$[V^3]$	N			Z	Z					N		Z	Z
$V[V^2]$				Z						N		Z	Z
$\{V^2\}V$				Z			Z		N		Z		Z
$V^3$				Z									Z
$\epsilon V[V^2]$		N			N	N	N	N			Z	Z	
$\epsilon\{V^2\}V$		N			N	N	N	N	N	N	N	N	N
$[V^4]$	N	N	N	N	N	N	N	N	N	N	N	N	N
$V[V^3]$		N			N	N	N	N			N	N	
$[[V^2]^2]$	N	N	N	N	N	N	N	N	N	N	N	N	N
$[V^2]^2$		N			N	N	N	N			N	N	
$[(V^2)^2]$		N			N	N	N	N			N	N	
$[V^2]V^2$		N			N	N	N	N			N	N	
$V^4$		N			N	N	N	N			N	N	

Table 4 - 11