

MPG No. 36.4.147    $\bar{3}'m'$    (-3'1m' setting)   [ Type III, trigonal ] [T tensor]

\* Rank 0 tensor. \* Rank 1 tensor. \* Rank 2 tensor (s). \* Rank 2 tensor (a). \* Rank 3 tensor (s).

$$\begin{bmatrix} 0 & T_{xxy} & 0 \\ 0 & -T_{xxy} & 0 \\ 0 & 0 & 0 \\ T_{yzz} & 0 & 0 \\ 0 & -T_{yzz} & 0 \\ T_{xxy} & 0 & 0 \end{bmatrix}$$

$$T_{xxy} = T_{f1}^{(1)}$$
$$T_{yzz} = -3M_{du}^{(1)}$$

\* Rank 3 tensor (a).

$$\begin{bmatrix} T_{yzz} & 0 & 0 \\ 0 & T_{yzz} & 0 \\ 0 & 0 & T_{xyz} \end{bmatrix}$$

$$T_{yzz} = -M_{du}^{(2)} + M_s^{(1)}$$
$$T_{xyz} = 2M_{du}^{(2)} + M_s^{(1)}$$

\* Rank 4 tensor (sss). \* Rank 4 tensor (ssa). \* Rank 4 tensor (aas). \* Rank 4 tensor (aaa). \* Rank 4 tensor (sa). \* Rank 4 tensor (as). \* Rank 4 tensor (s). \* Rank 4 tensor (a). \* Rank 4 tensor (t).