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

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

$$T_{xxy} = T_{f1}^{(1)}$$

* Rank 3 tensor (a). * Rank 4 tensor (sss).

$$
\begin{bmatrix}
0 & 0 & 0 & 0 & T_{xxzx} & 0 \\
0 & 0 & 0 & 0 & -T_{xxzx} & 0 \\
0 & 0 & 0 & 0 & 0 & 0 \\
0 & 0 & 0 & 0 & 0 & -T_{xxzx} \\
T_{xxzx} & -T_{xxzx} & 0 & 0 & 0 & 0 \\
0 & 0 & 0 & -T_{xxzx} & 0 & 0
\end{bmatrix}
$$

$$T_{xxzx} = T_{ga}^{(1)}$$

* Rank 4 tensor (ssa).

$$
\begin{bmatrix}
0 & 0 & 0 & 0 & T_{xxzx} & 0 \\
0 & 0 & 0 & 0 & -T_{xxzx} & 0 \\
0 & 0 & 0 & 0 & 0 & 0 \\
0 & 0 & 0 & 0 & 0 & T_{xxzx} \\
-T_{xxzx} & T_{xxzx} & 0 & 0 & 0 & 0 \\
0 & 0 & 0 & -T_{xxzx} & 0 & 0
\end{bmatrix}
$$

$$T_{xxzx} = -2M_{f1}^{(1)}$$

* Rank 4 tensor (aas). * Rank 4 tensor (aaa). * Rank 4 tensor (sa).

$$
\begin{bmatrix}
0 & T_{xxzx} & 0 \\
0 & -T_{xxzx} & 0 \\
0 & 0 & 0 \\
0 & 0 & 0 \\
0 & 0 & 0 \\
T_{xxzx} & 0 & 0
\end{bmatrix}
$$

$$T_{xxzx} = M_{f1}^{(2)}$$

* Rank 4 tensor (as).

$$
\begin{bmatrix}
0 & 0 & 0 & 0 & 0 & T_{yzxy} \\
T_{yzxy} & -T_{yzxy} & 0 & 0 & 0 & 0 \\
0 & 0 & 0 & 0 & 0 & 0
\end{bmatrix}
$$

$$T_{yzxy} = M_{f1}^{(3)}$$

* Rank 4 tensor (s).

$$
\begin{bmatrix}
0 & 0 & 0 & 0 & T_{xxzx} & 0 & 0 & T_{xxxz} & 0 \\
0 & 0 & 0 & 0 & -T_{xxzx} & 0 & 0 & -T_{xxxz} & 0 \\
0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\
0 & 0 & 0 & 0 & 0 & T_{yzxy} & 0 & 0 & T_{yzxy} \\
-T_{yzxy} & T_{yzxy} & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\
0 & 0 & 0 & -T_{xxxz} & 0 & 0 & -T_{xxzx} & 0 & 0
\end{bmatrix}
$$

$$T_{xxzx} = -2M_{f1}^{(1)} + M_{f1}^{(2)} + T_{ga}^{(1)}$$

$$T_{xxxz} = -2M_{f1}^{(1)} - M_{f1}^{(2)} + T_{ga}^{(1)}$$

$$T_{yzxy} = -2M_{f1}^{(1)} - T_{ga}^{(1)}$$

* Rank 4 tensor (a).

$$\begin{bmatrix} 0 & 0 & 0 & 0 & 0 & T_{yzxy} & 0 & 0 & T_{yzxy} \\ T_{yzxy} & -T_{yzxy} & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \end{bmatrix}$$

$$T_{yzxy} = M_{f1}^{(3)}$$

* Rank 4 tensor (t).

$$\begin{bmatrix} 0 & 0 & T_{xxxz} \\ 0 & 0 & 0 \\ 0 & 0 & 0 \\ -T_{xxxz} & 0 & 0 \\ 0 & 0 & 0 \\ 0 & 0 & 0 \\ 0 & 0 & 0 \\ T_{xxxz} & 0 & 0 \\ 0 & 0 & -T_{xxxz} \\ 0 & -T_{xxxz} & 0 \end{bmatrix}$$

$$T_{xxxz} = T_{ga}^{(1)}$$