* Rank 0 tensor. * Rank 1 tensor.

$$\begin{bmatrix} 0 & M_y & 0 \end{bmatrix}$$

$M_y = M_{py}^{(1)}$

* Rank 2 tensor (s).

$$\begin{bmatrix} 0 & 0 & 0 \\ 0 & 0 & M_{yz} \\ 0 & M_{yz} & 0 \end{bmatrix}$$

$M_{yz} = M_{dyz}^{(1)}$

* Rank 2 tensor (a).

$$\begin{bmatrix} 0 & 0 & 0 \\ 0 & 0 & M_{yz} \\ 0 & -M_{yz} & 0 \end{bmatrix}$$

$M_{yz} = T_{px}^{(1)}$

* Rank 3 tensor (s).

$$\begin{bmatrix} 0 & M_{xxy} & 0 \\ 0 & M_{yyy} & 0 \\ 0 & M_{zzy} & 0 \\ 0 & 0 & M_{yzz} \\ 0 & 0 & 0 \\ M_{xyx} & 0 & 0 \end{bmatrix}$$

$M_{xxy} = -M_{fay}^{(1)} - M_{fby}^{(1)} + M_{py}^{(1)} + 2T_{dxz}^{(1)}$
$M_{yyy} = 2M_{fay}^{(1)} + M_{py}^{(1)} + 2M_{py}^{(2)}$
$M_{zzy} = -M_{fay}^{(1)} + M_{fby}^{(1)} + M_{py}^{(1)} - 2T_{dxz}^{(1)}$
$M_{yzz} = -M_{fay}^{(1)} + M_{fby}^{(1)} + M_{py}^{(2)} + T_{dxz}^{(1)}$
$M_{xyx} = -M_{fay}^{(1)} - M_{fby}^{(1)} + M_{py}^{(2)} - T_{dxz}^{(1)}$

* Rank 3 tensor (a).

$$\begin{bmatrix} 0 & 0 & M_{yzz} \\ 0 & 0 & 0 \\ M_{xyx} & 0 & 0 \end{bmatrix}$$

$M_{yzz} = -M_{py}^{(3)} + T_{dxz}^{(2)}$
$M_{xyx} = M_{py}^{(3)} + T_{dxz}^{(2)}$

* Rank 4 tensor (sss).

$$\begin{bmatrix} 0 & 0 & 0 & M_{xxyz} & 0 & 0 \\ 0 & 0 & 0 & M_{yyyz} & 0 & 0 \\ 0 & 0 & 0 & M_{zzyz} & 0 & 0 \\ M_{xxyz} & M_{yyyz} & M_{zzyz} & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & M_{zxxy} \\ 0 & 0 & 0 & 0 & M_{zxxy} & 0 \end{bmatrix}$$

$$M_{xxyz} = M_{dyz}^{(1)} + 2M_{gbx}^{(1)}$$
$$M_{yyyz} = M_{dyz}^{(1)} + 2M_{dyz}^{(2)} + M_{gax}^{(1)} - M_{gbx}^{(1)}$$
$$M_{zzyz} = M_{dyz}^{(1)} + 2M_{dyz}^{(2)} - M_{gax}^{(1)} - M_{gbx}^{(1)}$$
$$M_{zxxy} = M_{dyz}^{(2)} + 2M_{gbx}^{(1)}$$

* Rank 4 tensor (ssa).

$$
\begin{bmatrix}
0 & 0 & 0 & M_{xxyz} & 0 & 0 \\
0 & 0 & 0 & M_{yyyz} & 0 & 0 \\
0 & 0 & 0 & M_{zzyz} & 0 & 0 \\
-M_{xxyz} & -M_{yyyz} & -M_{zzyz} & 0 & 0 & 0 \\
0 & 0 & 0 & 0 & 0 & M_{zxxy} \\
0 & 0 & 0 & 0 & -M_{zxxy} & 0
\end{bmatrix}
$$

$$M_{xxyz} = M_{dyz}^{(3)} - 4T_{fbx}^{(1)}$$
$$M_{yyyz} = M_{dyz}^{(3)} - 2T_{fax}^{(1)} + 2T_{fbx}^{(1)} + 2T_{px}^{(1)}$$
$$M_{zzyz} = M_{dyz}^{(3)} + 2T_{fax}^{(1)} + 2T_{fbx}^{(1)} - 2T_{px}^{(1)}$$
$$M_{zxxy} = -4T_{fax}^{(1)} - T_{px}^{(1)}$$

* Rank 4 tensor (aas).

$$
\begin{bmatrix}
0 & 0 & 0 \\
0 & 0 & M_{zxxy} \\
0 & M_{zxxy} & 0
\end{bmatrix}
$$

$$M_{zxxy} = 2M_{dyz}^{(4)}$$

* Rank 4 tensor (aaa).

$$
\begin{bmatrix}
0 & 0 & 0 \\
0 & 0 & M_{zxxy} \\
0 & -M_{zxxy} & 0
\end{bmatrix}
$$

$$M_{zxxy} = -T_{px}^{(2)}$$

* Rank 4 tensor (sa).

$$
\begin{bmatrix}
M_{xxyz} & 0 & 0 \\
M_{yyyz} & 0 & 0 \\
M_{zzyz} & 0 & 0 \\
0 & 0 & 0 \\
0 & 0 & M_{zxxy} \\
0 & M_{xyzx} & 0
\end{bmatrix}
$$

$$M_{xxyz} = 2T_{fax}^{(2)} + T_{px}^{(3)} + 2T_{px}^{(4)}$$
$$M_{yyyz} = -2M_{dyz}^{(5)} - T_{fax}^{(2)} + T_{fbx}^{(2)} + T_{px}^{(3)}$$
$$M_{zzyz} = 2M_{dyz}^{(5)} - T_{fax}^{(2)} - T_{fbx}^{(2)} + T_{px}^{(3)}$$
$$M_{zxxy} = -M_{dyz}^{(5)} - T_{fax}^{(2)} - T_{fbx}^{(2)} + T_{px}^{(4)}$$
$$M_{xyzx} = M_{dyz}^{(5)} - T_{fax}^{(2)} + T_{fbx}^{(2)} + T_{px}^{(4)}$$

* Rank 4 tensor (as).

$$
\begin{bmatrix}
M_{yzxx} & M_{yzyy} & M_{yzzz} & 0 & 0 & 0 \\
0 & 0 & 0 & 0 & 0 & M_{zxxy} \\
0 & 0 & 0 & 0 & M_{xyzx} & 0
\end{bmatrix}
$$

$$M_{yzxx} = 2T^{(3)}_{fax} + T^{(5)}_{px} + 2T^{(6)}_{px}$$

$$M_{yzyy} = -2M^{(6)}_{dyz} - T^{(3)}_{fax} + T^{(3)}_{fbx} + T^{(5)}_{px}$$

$$M_{yzzz} = 2M^{(6)}_{dyz} - T^{(3)}_{fax} - T^{(3)}_{fbx} + T^{(5)}_{px}$$

$$M_{zxxy} = M^{(6)}_{dyz} - T^{(3)}_{fax} + T^{(3)}_{fbx} + T^{(6)}_{px}$$

$$M_{xyzz} = -M^{(6)}_{dyz} - T^{(3)}_{fax} - T^{(3)}_{fbx} + T^{(6)}_{px}$$

* Rank 4 tensor (s).

$$
\begin{bmatrix}
0 & 0 & 0 & M_{xxyz} & 0 & 0 & M_{xxzy} & 0 & 0 \\
0 & 0 & 0 & M_{yyyz} & 0 & 0 & M_{yyzy} & 0 & 0 \\
0 & 0 & 0 & M_{zzyz} & 0 & 0 & M_{zzzy} & 0 & 0 \\
M_{yzxx} & M_{yzyy} & M_{yzzz} & 0 & 0 & 0 & 0 & 0 & 0 \\
0 & 0 & 0 & 0 & 0 & M_{zxxy} & 0 & 0 & M_{zxyx} \\
0 & 0 & 0 & 0 & M_{xyzx} & 0 & 0 & M_{xyxz} & 0
\end{bmatrix}
$$

$$M_{xxyz} = M^{(1)}_{dyz} + M^{(3)}_{dyz} + 2M^{(1)}_{gbx} + 2T^{(2)}_{fax} - 4T^{(1)}_{fbx} + T^{(3)}_{px} + 2T^{(4)}_{px}$$

$$M_{xxzy} = M^{(1)}_{dyz} + M^{(3)}_{dyz} + 2M^{(1)}_{gbx} - 2T^{(2)}_{fax} - 4T^{(1)}_{fbx} - T^{(3)}_{px} - 2T^{(4)}_{px}$$

$$M_{yyyz} = M^{(1)}_{dyz} + 2M^{(2)}_{dyz} + M^{(3)}_{dyz} - 2M^{(5)}_{dyz} + M^{(1)}_{gax} - M^{(1)}_{gbx} - 2T^{(1)}_{fax} - T^{(2)}_{fax} + 2T^{(1)}_{fbx} + T^{(2)}_{fbx} + 2T^{(1)}_{px} + T^{(3)}_{px}$$

$$M_{yyzy} = M^{(1)}_{dyz} + 2M^{(2)}_{dyz} + M^{(3)}_{dyz} + 2M^{(5)}_{dyz} + M^{(1)}_{gax} - M^{(1)}_{gbx} - 2T^{(1)}_{fax} + T^{(2)}_{fax} + 2T^{(1)}_{fbx} - T^{(2)}_{fbx} + 2T^{(1)}_{px} - T^{(3)}_{px}$$

$$M_{zzyz} = M^{(1)}_{dyz} + 2M^{(2)}_{dyz} + M^{(3)}_{dyz} + 2M^{(5)}_{dyz} - M^{(1)}_{gax} - M^{(1)}_{gbx} + 2T^{(1)}_{fax} - T^{(2)}_{fax} + 2T^{(1)}_{fbx} - T^{(2)}_{fbx} - 2T^{(1)}_{px} + T^{(3)}_{px}$$

$$M_{zzzy} = M^{(1)}_{dyz} + 2M^{(2)}_{dyz} + M^{(3)}_{dyz} - 2M^{(5)}_{dyz} - M^{(1)}_{gax} - M^{(1)}_{gbx} + 2T^{(1)}_{fax} + T^{(2)}_{fax} + 2T^{(1)}_{fbx} + T^{(2)}_{fbx} - 2T^{(1)}_{px} - T^{(3)}_{px}$$

$$M_{yzxx} = M^{(1)}_{dyz} - M^{(3)}_{dyz} + 2M^{(1)}_{gbx} + 4T^{(1)}_{fbx}$$

$$M_{yzyy} = M^{(1)}_{dyz} + 2M^{(2)}_{dyz} - M^{(3)}_{dyz} + M^{(1)}_{gax} - M^{(1)}_{gbx} + 2T^{(1)}_{fax} - 2T^{(1)}_{fbx} - 2T^{(1)}_{px}$$

$$M_{yzzz} = M^{(1)}_{dyz} + 2M^{(2)}_{dyz} - M^{(3)}_{dyz} - M^{(1)}_{gax} - M^{(1)}_{gbx} - 2T^{(1)}_{fax} - 2T^{(1)}_{fbx} + 2T^{(1)}_{px}$$

$$M_{zxxy} = M^{(2)}_{dyz} - M^{(5)}_{dyz} + 2M^{(1)}_{gbx} - 4T^{(1)}_{fax} - T^{(2)}_{fax} - T^{(2)}_{fbx} - T^{(1)}_{px} + T^{(4)}_{px}$$

$$M_{zxyx} = M^{(2)}_{dyz} + M^{(5)}_{dyz} + 2M^{(1)}_{gbx} - 4T^{(1)}_{fax} + T^{(2)}_{fax} + T^{(2)}_{fbx} - T^{(1)}_{px} - T^{(4)}_{px}$$

$$M_{xyzx} = M^{(2)}_{dyz} + M^{(5)}_{dyz} + 2M^{(1)}_{gbx} + 4T^{(1)}_{fax} - T^{(2)}_{fax} + T^{(2)}_{fbx} + T^{(1)}_{px} + T^{(4)}_{px}$$

$$M_{xyxz} = M^{(2)}_{dyz} - M^{(5)}_{dyz} + 2M^{(1)}_{gbx} + 4T^{(1)}_{fax} + T^{(2)}_{fax} - T^{(2)}_{fbx} + T^{(1)}_{px} - T^{(4)}_{px}$$

* Rank 4 tensor (a).

$$
\begin{bmatrix}
M_{yzxx} & M_{yzyy} & M_{yzzz} & 0 & 0 & 0 & 0 & 0 & 0 \\
0 & 0 & 0 & 0 & 0 & M_{zxxy} & 0 & 0 & M_{zxyx} \\
0 & 0 & 0 & 0 & M_{xyzx} & 0 & 0 & M_{xyxz} & 0
\end{bmatrix}
$$

$$M_{yzxx} = 2T^{(3)}_{fax} + T^{(5)}_{px} + 2T^{(6)}_{px}$$

$$M_{yzyy} = -2M^{(6)}_{dyz} - T^{(3)}_{fax} + T^{(3)}_{fbx} + T^{(5)}_{px}$$

$$M_{yzzz} = 2M^{(6)}_{dyz} - T^{(3)}_{fax} - T^{(3)}_{fbx} + T^{(5)}_{px}$$

$$M_{zxxy} = 2M^{(4)}_{dyz} + M^{(6)}_{dyz} - T^{(3)}_{fax} + T^{(3)}_{fbx} - T^{(2)}_{px} + T^{(6)}_{px}$$

$$M_{zxyx} = -2M^{(4)}_{dyz} + M^{(6)}_{dyz} - T^{(3)}_{fax} + T^{(3)}_{fbx} + T^{(2)}_{px} + T^{(6)}_{px}$$

$$M_{xyzx} = 2M^{(4)}_{dyz} - M^{(6)}_{dyz} - T^{(3)}_{fax} - T^{(3)}_{fbx} + T^{(2)}_{px} + T^{(6)}_{px}$$

$$M_{xyxz} = -2M^{(4)}_{dyz} - M^{(6)}_{dyz} - T^{(3)}_{fax} - T^{(3)}_{fbx} - T^{(2)}_{px} + T^{(6)}_{px}$$

* Rank 4 tensor (t).

$$
\begin{bmatrix}
0 & 0 & 0 \\
0 & 0 & M_{yyyz} \\
0 & M_{zzzy} & 0 \\
0 & M_{yyzy} & 0 \\
0 & 0 & 0 \\
0 & 0 & M_{xxyz} \\
0 & 0 & M_{yzzz} \\
0 & M_{zxxy} & 0 \\
0 & 0 & 0 \\
-\frac{M_{yyyz}}{2} + \frac{M_{yyzy}}{2} + M_{zxxy} & 0 & 0
\end{bmatrix}
$$

$M_{yyyz} = M_{dyz}^{(1)} + 2M_{dyz}^{(2)} + M_{dyz}^{(3)} - 2M_{dyz}^{(5)} + M_{gax}^{(1)} - M_{gbx}^{(1)}$

$M_{zzzy} = M_{dyz}^{(1)} + 2M_{dyz}^{(2)} + M_{dyz}^{(3)} - 2M_{dyz}^{(5)} - M_{gax}^{(1)} - M_{gbx}^{(1)}$

$M_{yyzy} = M_{dyz}^{(1)} + 2M_{dyz}^{(2)} + M_{dyz}^{(3)} + 2M_{dyz}^{(5)} + M_{gax}^{(1)} - M_{gbx}^{(1)}$

$M_{xxyz} = M_{dyz}^{(1)} + M_{dyz}^{(3)} + 2M_{gbx}^{(1)}$

$M_{yzzz} = M_{dyz}^{(1)} + 2M_{dyz}^{(2)} - M_{dyz}^{(3)} - M_{gax}^{(1)} - M_{gbx}^{(1)}$

$M_{zxxy} = M_{dyz}^{(2)} - M_{dyz}^{(5)} + 2M_{gbx}^{(1)}$