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

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

$M_{xy} = T_{pz}^{(1)}$

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

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

$M_{xxyz} = M_{gb}^{(1)}$

* Rank 4 tensor (ssa).

$$\begin{bmatrix} 0 & 0 & 0 & M_{xxyz} & 0 & M_{xxxy} \\ 0 & 0 & 0 & -M_{xxyz} & 0 & -M_{xxxy} \\ 0 & 0 & 0 & 0 & 0 & 0 \\ -M_{xxyz} & M_{xxyz} & 0 & 0 & M_{yzzx} & 0 \\ 0 & 0 & 0 & -M_{yzzx} & 0 & -M_{xxyz} \\ -M_{xxxy} & M_{xxxy} & 0 & 0 & M_{xxyz} & 0 \end{bmatrix}$$

$M_{xxyz} = 2T_{f2}^{(1)}$

$M_{xxxy} = -2T_{faz}^{(1)} + 2T_{pz}^{(1)}$

$M_{yzzx} = -4T_{faz}^{(1)} - T_{pz}^{(1)}$

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

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

$M_{yzzx} = -T_{pz}^{(2)}$

* Rank 4 tensor (sa).

$$\begin{bmatrix} M_{xxyz} & 0 & M_{xxxy} \\ -M_{xxyz} & 0 & M_{xxxy} \\ 0 & 0 & M_{zzxy} \\ 0 & M_{yzzx} & 0 \\ M_{yzzx} & 0 & 0 \\ 0 & -M_{xxyz} & 0 \end{bmatrix}$$

$M_{xxyz} = T_{f2}^{(2)}$

$M_{xxxy} = -T_{faz}^{(2)} + T_{pz}^{(3)}$

$M_{zzxy} = 2T_{faz}^{(2)} + T_{pz}^{(3)} + 2T_{pz}^{(4)}$

$M_{yzzx} = -T_{faz}^{(2)} + T_{pz}^{(4)}$

* Rank 4 tensor (as).

$$\begin{bmatrix} M_{yzxx} & -M_{yzxx} & 0 & 0 & M_{yzzx} & 0 \\ 0 & 0 & 0 & M_{yzzx} & 0 & -M_{yzxx} \\ M_{xyxx} & M_{xyxx} & M_{xyzz} & 0 & 0 & 0 \end{bmatrix}$$

$M_{yzxx} = T^{(3)}_{f2}$

$M_{yzzx} = -T^{(3)}_{faz} + T^{(6)}_{pz}$

$M_{xyxx} = -T^{(3)}_{faz} + T^{(5)}_{pz}$

$M_{xyzz} = 2T^{(3)}_{faz} + T^{(5)}_{pz} + 2T^{(6)}_{pz}$

* Rank 4 tensor (s).

$$\begin{bmatrix} 0 & 0 & 0 & M_{xxyz} & 0 & M_{xxxy} & M_{xxzy} & 0 & M_{xxyx} \\ 0 & 0 & 0 & -M_{xxyz} & 0 & -M_{xxyx} & -M_{xxzy} & 0 & -M_{xxxy} \\ 0 & 0 & 0 & 0 & 0 & M_{zzxy} & 0 & 0 & -M_{zzxy} \\ M_{yzxx} & -M_{yzxx} & 0 & 0 & M_{yzzx} & 0 & 0 & M_{yzxz} & 0 \\ 0 & 0 & 0 & -M_{yzxz} & 0 & M_{yzxx} & -M_{yzzx} & 0 & M_{yzxx} \\ -\frac{M_{xxxy}}{2} - \frac{M_{xxyx}}{2} & \frac{M_{xxxy}}{2} + \frac{M_{xxyx}}{2} & 0 & 0 & M_{xxzy} & 0 & 0 & M_{xxyz} & 0 \end{bmatrix}$$

$M_{xxyz} = M^{(1)}_{gb} + 2T^{(1)}_{f2} + T^{(2)}_{f2}$

$M_{xxxy} = -2T^{(1)}_{faz} - T^{(2)}_{faz} + 2T^{(1)}_{pz} + T^{(3)}_{pz}$

$M_{xxzy} = M^{(1)}_{gb} + 2T^{(1)}_{f2} - T^{(2)}_{f2}$

$M_{xxyx} = -2T^{(1)}_{faz} + T^{(2)}_{faz} + 2T^{(1)}_{pz} - T^{(3)}_{pz}$

$M_{zzxy} = 2T^{(2)}_{faz} + T^{(3)}_{pz} + 2T^{(4)}_{pz}$

$M_{yzxx} = M^{(1)}_{gb} - 2T^{(1)}_{f2}$

$M_{yzzx} = -4T^{(1)}_{faz} - T^{(2)}_{faz} - T^{(1)}_{pz} + T^{(4)}_{pz}$

$M_{yzxz} = -4T^{(1)}_{faz} + T^{(2)}_{faz} - T^{(1)}_{pz} - T^{(4)}_{pz}$

* Rank 4 tensor (a).

$$\begin{bmatrix} M_{yzxx} & -M_{yzxx} & 0 & 0 & M_{yzzx} & 0 & 0 & M_{yzxz} & 0 \\ 0 & 0 & 0 & M_{yzxz} & 0 & -M_{yzxx} & M_{yzzx} & 0 & -M_{yzxx} \\ M_{xyxx} & M_{xyxx} & M_{xyzz} & 0 & 0 & 0 & 0 & 0 & 0 \end{bmatrix}$$

$M_{yzxx} = T^{(3)}_{f2}$

$M_{yzzx} = -T^{(3)}_{faz} - T^{(2)}_{pz} + T^{(6)}_{pz}$

$M_{yzxz} = -T^{(3)}_{faz} + T^{(2)}_{pz} + T^{(6)}_{pz}$

$M_{xyxx} = -T^{(3)}_{faz} + T^{(5)}_{pz}$

$M_{xyzz} = 2T^{(3)}_{faz} + T^{(5)}_{pz} + 2T^{(6)}_{pz}$

* Rank 4 tensor (t).

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

$M_{yyyz} = -M^{(1)}_{gb}$