* Rank 0 tensor.

$$[M]$$

$$M = M_s^{(1)}$$

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

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

$$M_{xx} = M_s^{(1)}$$

* Rank 2 tensor (a). * Rank 3 tensor (s). * Rank 3 tensor (a). * Rank 4 tensor (sss).

$$\begin{bmatrix} M_{xxxx} & M_{xxyy} & M_{xxyy} & 0 & 0 & 0 \\ M_{xxyy} & M_{xxxx} & M_{xxyy} & 0 & 0 & 0 \\ M_{xxyy} & M_{xxyy} & M_{xxxx} & 0 & 0 & 0 \\ 0 & 0 & 0 & M_{yzyz} & 0 & 0 \\ 0 & 0 & 0 & 0 & M_{yzyz} & 0 \\ 0 & 0 & 0 & 0 & 0 & M_{yzyz} \end{bmatrix}$$

$$M_{xxxx} = 2M_g^{(1)} + M_s^{(1)} + 2M_s^{(2)}$$
$$M_{xxyy} = -M_g^{(1)} + M_s^{(1)}$$
$$M_{yzyz} = -M_g^{(1)} + M_s^{(2)}$$

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

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

$$M_{yzyz} = M_s^{(3)}$$

* Rank 4 tensor (aaa). * Rank 4 tensor (sa). * Rank 4 tensor (as). * Rank 4 tensor (s).

$$\begin{bmatrix} M_{xxxx} & M_{xxyy} & M_{xxyy} & 0 & 0 & 0 & 0 & 0 & 0 \\ M_{xxyy} & M_{xxxx} & M_{xxyy} & 0 & 0 & 0 & 0 & 0 & 0 \\ M_{xxyy} & M_{xxyy} & M_{xxxx} & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & M_{yzyz} & 0 & 0 & M_{yzyz} & 0 & 0 \\ 0 & 0 & 0 & 0 & M_{yzyz} & 0 & 0 & M_{yzyz} & 0 \\ 0 & 0 & 0 & 0 & 0 & M_{yzyz} & 0 & 0 & M_{yzyz} \end{bmatrix}$$

$$M_{xxxx} = 2M_g^{(1)} + M_s^{(1)} + 2M_s^{(2)}$$
$$M_{xxyy} = -M_g^{(1)} + M_s^{(1)}$$
$$M_{yzyz} = -M_g^{(1)} + M_s^{(2)}$$

* Rank 4 tensor (a).

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

$$M_{yzyz} = M_s^{(3)}$$

* Rank 4 tensor (t).

$$
\begin{bmatrix}
M_{xxxx} & 0 & 0 \\
0 & M_{xxxx} & 0 \\
0 & 0 & M_{xxxx} \\
0 & 0 & M_{yyzz} \\
M_{yyzz} & 0 & 0 \\
0 & M_{yyzz} & 0 \\
0 & M_{yyzz} & 0 \\
0 & 0 & M_{yyzz} \\
M_{yyzz} & 0 & 0 \\
0 & 0 & 0
\end{bmatrix}
$$

$$
M_{xxxx} = 2M_g^{(1)} + 3M_s^{(1)}
$$
$$
M_{yyzz} = -M_g^{(1)} + M_s^{(1)}
$$