

$$= a_{11}a_{22}a_{33}$$



$$+ a_{21}a_{32}a_{13}$$



$$+ a_{31}a_{12}a_{23}$$



$$- a_{21}a_{12}a_{33}$$



$$- a_{11}a_{32}a_{23}$$



$$- a_{31}a_{22}a_{13}$$



$$\sigma_3 = \langle (\underline{12}), (\underline{\underline{23}}) \rangle$$

$$\frac{\text{sign}}{+1}$$

