

$$\mathcal{F} := \begin{pmatrix} \langle \bar{\psi} \bar{\psi} | \mathcal{O}_F | 0 \rangle & \langle \bar{X} \bar{Y} \bar{Z} | \mathcal{O}_F | 0 \rangle \\ \langle \bar{\psi} \bar{\psi} | \mathcal{O}_B | 0 \rangle & \langle \bar{X} \bar{Y} \bar{Z} | \mathcal{O}_B | 0 \rangle \end{pmatrix}$$