

$$\begin{aligned}
\Phi + \Phi^\dagger &= (\phi + \phi^*) + \sqrt{2}\theta\psi + \sqrt{2}\bar{\theta}\bar{\psi} \\
&\quad - i\theta\sigma^\mu\bar{\theta}\partial_\mu(\phi - \phi^*) + \theta^2\mathcal{F} + \bar{\theta}^2\mathcal{F}^* \\
&\quad + \frac{i}{\sqrt{2}}\theta^2\bar{\theta}\bar{\sigma}^\mu\partial_\mu\psi - \frac{i}{\sqrt{2}}\bar{\theta}^2\theta\sigma^\mu\partial_\mu\bar{\psi} \\
&\quad - \frac{1}{4}\theta^2\bar{\theta}^2\partial^2(\phi + \phi^*)
\end{aligned}$$