

$$Q_\alpha = -i \frac{\partial}{\partial \theta^\alpha} - \sigma^\mu_{\alpha\dot{\beta}} \bar{\theta}^{\dot{\beta}} \partial_\mu$$

$$Q^\alpha = i \frac{\partial}{\partial \theta_\alpha} + (\bar{\theta} \bar{\sigma}^\mu)^\alpha \partial_\mu$$

$$\bar{Q}_{\dot{\alpha}} = i \frac{\partial}{\partial \bar{\theta}^{\dot{\alpha}}} + \theta^\beta \sigma^\mu_{\beta\dot{\alpha}} \partial_\mu$$

$$\bar{Q}^{\dot{\alpha}} = -i \frac{\partial}{\partial \bar{\theta}_{\dot{\alpha}}} - (\bar{\sigma}^\mu \theta)^{\dot{\alpha}} \partial_\mu$$