

$$\mathbb{F}:\ast = \mathbb{F}_0 \times \mathbb{F}_1 \text{ anti-comm sAlg}$$

$$\Rightarrow \mathbb{F} \otimes_0 \Lambda = \underbrace{\mathbb{F}_0 \otimes \Lambda_0} \times \underbrace{\mathbb{F}_1 \otimes \Lambda_1} : \ast \text{ anti-comm Alg}$$

$$\underbrace{\mathbb{F}_0 \otimes \lambda_0 + \mathbb{F}_1 \otimes \lambda_1} \ast \underbrace{\mathbb{F}'_0 \otimes \lambda'_0 + \mathbb{F}'_1 \otimes \lambda'_1} =$$

$$\underbrace{\mathbb{F}_0 \ast \mathbb{F}'_0}_{\otimes} \underbrace{\lambda_0 \times \lambda'_0} + \underbrace{\mathbb{F}_0 \ast \mathbb{F}'_1}_{\otimes} \underbrace{\lambda_0 \times \lambda'_1} + \underbrace{\mathbb{F}_1 \ast \mathbb{F}'_0}_{\otimes} \underbrace{\lambda_1 \times \lambda'_0} - \underbrace{\mathbb{F}_1 \ast \mathbb{F}'_1}_{\otimes} \underbrace{\lambda_1 \times \lambda'_1}$$

$$\mathbb{F}:\ast \text{ sLie} \Leftrightarrow \mathbb{F} \otimes_0 \Lambda:\ast \text{ Lie}$$

$$\mathfrak{b} \in \mathbb{K} \triangleleft \text{ super Lie}$$

$$\mathfrak{b} \ast \mathfrak{b}' + (-1)^{|\mathfrak{b}||\mathfrak{b}'|} \mathfrak{b}' \ast \mathfrak{b} = 0$$

$$(-1)^{|\mathfrak{b}'||\mathfrak{b}|} \mathfrak{b} \ast \underbrace{\mathfrak{b}' \ast \mathfrak{b}'} + (-1)^{|\mathfrak{b}'||\mathfrak{b}|} \mathfrak{b}' \ast \underbrace{\mathfrak{b} \ast \mathfrak{b}} + (-1)^{|\mathfrak{b}'||\mathfrak{b}|} \mathfrak{b}' \ast \underbrace{\mathfrak{b} \ast \mathfrak{b}'} = 0$$