

$\mathbb{L} \in \nabla \mathbb{K}$ abel super-Alg

$$\mathbb{L} \nabla_{\mathbb{L}} = \frac{\mathbb{L} \xleftarrow{\mathbb{L}} \mathbb{L} \text{ lin}}{\mathbb{L} \mathbb{L} = \mathbb{L} \mathbb{L} + (-1)^{\mathbb{L} \mathbb{L}}}$$

$$\mathbb{L} \mathbb{L} = \mathbb{L} \mathbb{L} \Rightarrow \mathbb{L} \in \mathbb{L} \nabla_{\mathbb{L}} \quad \mathbb{L} \bmod |\mathbb{L}| = |\mathbb{L}| + |\mathbb{L}|$$

$$\begin{aligned} \mathbb{L} \mathbb{L} &= \widehat{\mathbb{L} \mathbb{L}} = \widehat{\mathbb{L} \mathbb{L} + (-1)^{\mathbb{L} \mathbb{L}}} = \widehat{\mathbb{L} \mathbb{L}} + (-1)^{\widehat{\mathbb{L} \mathbb{L}}} \\ &= \widehat{\mathbb{L} \mathbb{L}} + (-1)^{|\mathbb{L}| |\mathbb{L}|} \widehat{\mathbb{L} \mathbb{L}} = \widehat{\mathbb{L} \mathbb{L}} + (-1)^{(|\mathbb{L}| + |\mathbb{L}|) |\mathbb{L}|} \widehat{\mathbb{L} \mathbb{L}} \end{aligned}$$

$$\mathbb{L} \xleftarrow[\text{even hom}]{\mathbb{V}_\ell \mathbb{V}_r} \mathbb{L}$$

$$\mathbb{L} \nabla_{\mathbb{L}} = \frac{\mathbb{L} \xleftarrow{\mathbb{V}} \mathbb{L} \text{ lin}}{\mathbb{V} \mathbb{L} = \mathbb{V} \mathbb{V}_r \mathbb{L} + (-1)^{\mathbb{V}_r \mathbb{L}}} \text{ twisted derivation}$$