

global symm $SO_{1:1}$

$\alpha \in SO_{1:1}/1 \Rightarrow \alpha \ltimes \Phi = e^{\alpha w} \Phi$ weight w

$$\alpha \ltimes \phi = e^{\alpha} \phi$$

$$\alpha \ltimes G = e^{\alpha/2} G$$

$$\alpha \ltimes B_2 = e^{\alpha/2} B_2$$

$$\alpha \ltimes C_1 = e^{-3\alpha/4} C_1$$

$$\alpha \ltimes C_3 = e^{-\alpha/4} C_3$$