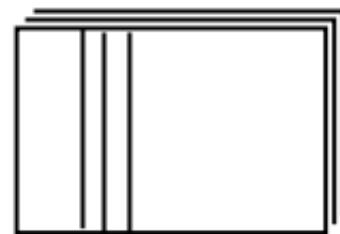


open string
CFT

closed string
SUGRA

$$\begin{aligned}g_s Q_i &\ll 1 \\g_s^2 Q_P &\ll 1 \\Q_P &\gg Q_1 Q_5\end{aligned}$$



$$\begin{aligned}g_s Q_i &\gg 1 \\g_s^2 Q_P &\gg 1\end{aligned}$$



$$S_{\text{micro}} = 2\pi\sqrt{Q_1 Q_5 Q_P}$$



$$g_s = 0$$

$$\text{finite } g_s$$

$$S_{\text{macro}} = 2\pi\sqrt{Q_1 Q_5 Q_P}$$

