

Smith

M branes

$$D = 11$$

$$4\pi \kappa^2 = (2\pi\ell)^9$$

$$3 + 6 = 9$$

M field strength dual coupling : $\mathcal{F} \sim \begin{cases} M_3^- \\ M_6^- \end{cases}$

$$(2\pi\ell)^3 \mathcal{F}_3^- (2\pi\ell)^6 \mathcal{F}_6^- = n \in \mathbb{Z}$$

$$\text{CS} \Rightarrow (2\pi\ell)^3 \mathcal{F}_3^- = 1$$