

D brane solutions

$\frac{1}{2}$ BPS solution

$$+^{p-1}_q = t^u v^s \begin{cases} D_p^- \\ D_q^- \end{cases}$$

$$D_p^-$$

$${}^{vs}H^{1/2} \mathbb{Q} = \underline{u}^2 - \underline{t}^2 + {}^{vs}H \underline{v} \underline{s}^2$$

$${}^{vs}H = 1 + \frac{N}{\sqrt{v} s^q} \frac{4\pi \mathcal{R}^2 D_p^-}{\mathbb{S}_q^+} \frac{1}{2\pi}$$

$${}^{vs}\mathbb{Q}^{-1} = {}^{vs}H^{1-q/4}$$

$$F_{p+} = - {}^{vs}\underline{H}^{-1} \wedge \varepsilon_{tu}$$