

$$N = 1$$

no flux

$$k + \frac{2}{\nabla A} = 0 \Rightarrow \begin{cases} k = 0 & \text{Min} \\ A = 0 & \text{unwarp} \end{cases}$$

$$\nabla_m \eta = 0 \text{ cov cst} \Rightarrow \text{CY } \mathcal{U}_3^c$$