

Linearised theory  
 $L_G \sim \mathcal{R}^2 + m_p^2 \mathcal{T}^2$   
appears stable on  $M_4$

$N$  d.o.f  
propagate

$N + n$  d.o.f  
propagate

$$\hat{\mathcal{H}}^\dagger = \hat{\mathcal{H}} + \mathcal{O}(\epsilon^3)$$

