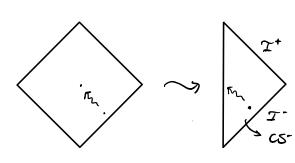
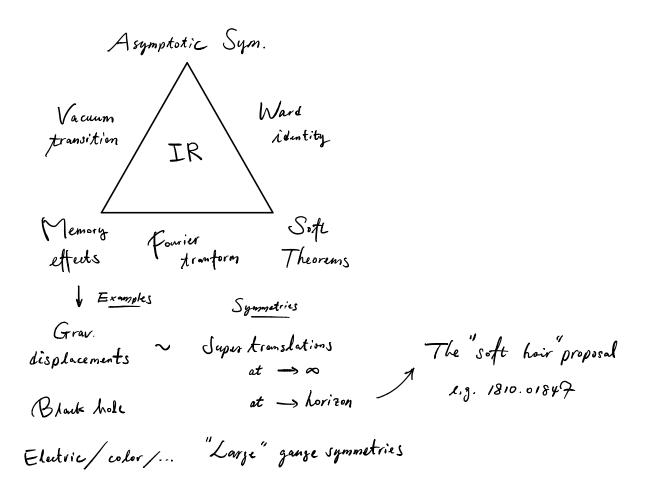


Conformal

Compactification  $u \rightarrow tan u$   $v \rightarrow tan v$ 





ASG (~flat4)  $CS^{+} \times R \longrightarrow C^{2} \ni (z,\overline{z})$ Poincare rotations, 1 So(3) rotations global SL(2, C) 1, dilations boost ~ SO(3,1) ( along pm, think of little group)  $\left( \begin{array}{c} \checkmark^{\overline{t}}(\overline{z}) \end{array} \right)$ translations

L=0, dilation. \* Enconst.

Sportial l=1, rotations, \* Trotation + 2 translations

Another global SL(2.C)

Super-trans

~ Vir generators

Enconst.

Another global SL(2.C) — BMS + so far rotation + boost ~ Supervitations local Vir generators  $\left( \sum_{i=1}^{2} (\bar{z}) \cdot \sum_{i=1}^{2} (\bar{z}) \right)$