

poles of prop=phys states $\underbrace{L_0 - 1}_{} \Phi = 0$

$$\overbrace{L_0 - 1}^{-1} = \int_{dx/x}^{0|1} x^{L_0} = \int_{dx/x}^{0|1} x^{P^2 \mathbf{x}/2 + 1 \mathbf{x} \sum_{n>0} \dot{\alpha}_n \cdot \alpha_n} = \int_{dx/x}^{0|1} \sqrt{x}^{P^2} \mathbf{x} \otimes_{n>0} x^{\dot{\alpha}_n \cdot \alpha_n}$$