

$$(\nabla f_{\text{Rényi}})_{i,j,k,l} = \frac{\alpha}{1-\alpha} \frac{1}{\sum_{\mu} S_{\mu}^{2\alpha}} \cdot \left(\begin{array}{c} \text{Diagram 1} \end{array} \right) \left(\begin{array}{c} \text{Diagram 2} \end{array} \right)$$