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## From OPE to chiral perturbation theory in holographic QCD

*Tuesday, June 30, 2015 4:50 PM (20 minutes)*

We will show how it is possible to implement a chiral symmetry breaking mechanism in soft-wall model of holographic QCD. We show also that it is possible to reproduce the exact Operator Product Expansion and the Regge spectra of the vector-vector and axial-axial correlators in the Large  $N_c$  limit. This method provides a nice way to perform the analytic continuation of the OPE and to predict the chiral constants:  $F_\pi$  and  $L_{10}$ .

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