



Department of
Theoretical Physics

THE QUANTUM SPACETIME SEMINAR SERIES

Boundary CFTs and Functional Bootstrap

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Date: May 06, 2019
Time: 11.30 am
Venue: A-304, TIFR



I will talk about the functional approach to conformal bootstrap. Analytic functionals provide a bootstrap basis, that is built on the analytic understanding of a CFT. This method has a direct connection to the Mellin/Polyakov bootstrap, and fixes the so-called "polynomial ambiguity" that limits the applicability of the latter. I will explain this for the case of boundary CFT-s, where we have two different spectrum of operators to fix. Finally I will demonstrate an example, which will be the epsilon expansion.