



Department of
Theoretical Physics

THE QUANTUM SPACETIME SEMINAR SERIES

Vector space of conformal field theories.



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Date: April 02, 2018

Time: 11.30 am

Venue: A-304, TIFR

We reformulate the question of consistency of a CFT using constraints on an alternative set of conformal data. These data consist of set of n -point functions of a specific scalar operator. Using this formulation we show that the set of (not necessarily unitary) CFTs with an abelian symmetry forms a vector space over complex numbers.