Bologna Workshop on:

CFT AND INTEGRABLE MODELS

and their applications to Quantum Field Theory, Statistical Mechanics and Condensed Matter Physics

Contribution ID: **31**   Type: **Talk**

Recurrence Relation for Conformal Blocks

Wednesday, 17 September 2014 16:00 (30 minutes)

We generalize the idea of 1307.6856 to build conformal blocks of a generic CFT (in dimension d>2) using a recurrence relation, idea which has roots in a paper by Zamolodchikov (1984) originally applied to Virasoro blocks in 2 dimensions.

Generalizing this construction we are able to find a recurrence relation to build conformal blocks associated to the four point function of vector operators.

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