

Séminaire de physique mathématique

Lundi 02/03/2020, 11:00

Orme des Merisiers Salle Claude Itzykson, Bât. 774

Bootstrapping Massive Quantum Field Theories

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I will present a new method for studying UV complete unitary quantum field theories. The method relies on unitarity formulated as a semi-definite condition on a certain 3 by 3 matrix involving partial amplitudes, form factors and the spectral density. I will apply this method to integrable models in 2d. I will then discuss its applications to higher dimensions.
