The 7th international conference on particle physics and astrophysics



Contribution ID : 83

Type : Oral talk

Effective potentials in LLA for diverse non-renormalisable models in the large N limit

Thursday, 24 October 2024 18:24 (12)

The study of the effective potential for non-renormalisable (super)symmetric models leads to recurrence relations for the leading singularities. These relations can be transformed into generalised renormalization-group (RG) equation which can be analyzed in detail. In some special cases this equation can be solved exactly.

Primary author(s) : IAKHIBBAEV, Ravil (JINR BLTP); Mr. TOLKACHEV, Denis (BLTP JINR, Stepanov Institute of Physics); Prof. BUCHBINDER, Iosif (BLTP JINR, National Research Tomsk State University); Prof. KAZAKOV, Dmitry (BLTP JINR, MIPT)

Presenter(s): IAKHIBBAEV, Ravil (JINR BLTP)

Session Classification : HEP Theory

Track Classification : High energy physics: theory