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RG Equations in Non-renormalizable Theories

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D.I.Kazakov (JINR)

RG Equations in Non-renormalizable Theories

We construct the RG equations for the scattering amplitudes and effective potential in a set of non-renormalizable theories. We show that they are a consequence of locality rather than multiplicative renormalizability. These RG equations sum up the leading log terms in all orders of PT and allow one to explore the high energy/field behaviour.

Primary author: KAZAKOV, Dmitry (JINR)

Presenter: KAZAKOV, Dmitry (JINR)

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