

Standard Model of Effective Field Theory (SMEFT)

Despite intensive searches, experiments at the LHC have not yet revealed any statistically reliable manifestations of the effects predicted by theories beyond the Standard Model (SM). In such a situation, attention has recently been paid to the construction of an effective field theory in which deviations from the SM are parameterized by a certain set of gauge-invariant local operators with dimensions greater than four. The talk briefly discusses the main features and current status of this approach, called the Standard Model of Effective Field Theory (SMEFT).

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