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Type: **Session Talk**

Six-loop beta functions in general scalar theory: recent applications

Tuesday, 11 October 2022 15:45 (25 minutes)

We demonstrate how to use our general result for the renormalization-group functions to compute the anomalous dimensions of various operators in a range of specific scalar models. Recent applications include the calculation of the scaling dimensions of different tensor operators in $O(n)$ -symmetric and hypercubic theories.

Primary author: BEDNYAKOV, Alexander (Joint Institute for Nuclear Research)

Presenter: BEDNYAKOV, Alexander (Joint Institute for Nuclear Research)

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Track Classification: Section C: Field theoretical methods in statistical physics