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Renormalization group equations of a general effective field theory

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The RGEs of a generic renormalizable model have been known for a long time, up to two loops and beyond. Similar results exist for a generic softly broken supersymmetric model. The usefulness of these well-known equations hinges on the fact that the relevant loop calculations are done once and for all, so that in order to get the RGEs of a specific model one only needs to perform some algebra with tensors. In this talk, I will discuss the idea of extending these results to operators beyond dimension four.

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