

Automating the computation of (generalized) functional supertraces beyond one loop

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There is growing interest in using functional methods for multi-loop calculations, such as effective field theory matching and the calculation of renormalization group equations. Beyond one loop, instead of evaluating functional traces, one must perform tensor contractions associated with certain graphs. In this talk I will discuss my ongoing work on FunGraphs, a package that aims to automate these computations.

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