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Numerical multi-loop calculations with pySecDec

Thursday, 18 July 2019 14:25 (20 minutes)

PySecDec is a program for the numerical calculation of dimensionally regulated parameter integrals, in particular multi-loop integrals.
In this talk new developments in the program such as Quasi-Monte Carlo methods and GPU support will be presented.
Applications to multi-loop amplitude calculations will be discussed.

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