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Basic sampling methods, convergence, variance reduction - and connections to MC event generators

Thursday 21 November 2013 09:00 (1h 30m)

We consider Monte Carlo methods specific to the use in Monte Carlo event generators. After an introduction to Monte Carlo sampling or integration we will discuss some methods of variance reduction with phase space integration as application in mind. Finally we briefly discuss Multi Channel integration as the key to the integration of multi body final state matrix element.

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