

An analytical solution for a non-planar massive double box diagram

Monday, 5 September 2011 15:15 (25 minutes)

An analytical calculation of a non-planar 2-loop box diagram is presented. This diagram appears in the computation of higher order corrections to top-quark pair production and contains one internal massive line. The corresponding integrals are solved with differential equation and Mellin-Barnes techniques.

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Session Classification: Monday 05th - Computations in Theoretical Physics

Track Classification: Track 3: Computations in Theoretical Physics - Techniques and Methods