

Recursive reduction of tensorial one-loop Feynman integrals

Tuesday, February 23, 2010 4:00 PM (30 minutes)

A new reduction of tensorial one-loop Feynman integrals with massive and massless propagators to scalar functions is introduced. The method is recursive: n-point integrals of rank R are expressed by n-point and (n-1)-point integrals of rank (R-1). The algorithm is realized in a Fortran package.

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