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Feynman integrals of p-adic argument in the momentum space. II. Explicit expressions

Lerner Y.

Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia

Abstract

A procedure for obtaining explicit expressions for Feynman integrals of p-adic argument in momentum space is described, and the connection with Feynman amplitudes over a finite field and chromatic polynomials is indicated. Simple explicit expressions are given for the results of integration over the region of large and small momenta. © 1996, Plenum Publishing Corporation. All rights reserved.

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