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Functional equations for multiloop Feynman integrals

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New methods for deriving functional equations for Feynman integrals are proposed. Several examples of functional equations for two-loop integrals are considered in detail. Application of functional equations for analytic continuation of Feynman integrals considered in arbitrary space-time dimension is demonstrated.

Primary author: Dr TARASOV, Oleg (JINR)

Presenter: Dr TARASOV, Oleg (JINR)

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