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Nota di contenuto	Graph complexes and Cutkosky rules Differential equations and dispersion relations for Feynman amplitudes with elliptic functions Elliptic integrals and the two-loop ttbar production in QCD Solutions of 2nd and 3rd order differential equations with more singularities Analytic continuation of Feynman diagrams with elliptic solutions Twisted elliptic multiple zeta values and non-planar one-loop open- string amplitudes Genus one superstring amplitudes and modular forms Difference field methods in Feynman diagram calculations Feynman integrals and iterated integrals of modular forms Iterated elliptic and hypergeometric integrals for Feynman diagrams Feynman integrals, L-series and Kloosterman moments.
Sommario/riassunto	This book includes review articles in the field of elliptic integrals, elliptic functions and modular forms intending to foster the discussion between theoretical physicists working on higher loop calculations and

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ma	thematicians working in the field of modular forms and functions
and	analytic solutions of higher order differential and difference
equ	lations.