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Soggetti	Functions Approximation theory Mathematical analysis Number theory -- Additive number theory; partitions -- Lattice points in specified regions Real functions -- Polynomials, rational functions -- Polynomials: location of zeros Potential theory -- Two-dimensional theory -- Potentials and capacity, harmonic measure, extremal length Special functions (33-XX deals with the properties of functions as functions) -- Hypergeometric functions -- Orthogonal polynomials and functions in several variables expressible in terms of special functions in one variable Partial differential equations -- Hyperbolic equations and systems -- Shocks and singularities Sequences, series, summability -- Convergence and divergence of infinite limiting processes -- Convergence and divergence of continued fractions Approximations and expansions -- Approximations and expansions -- Padé; approximation Harmonic analysis on Euclidean spaces -- Nontrigonometric harmonic analysis -- Orthogonal functions and polynomials, general theory Probability theory and stochastic processes -- Probability theory on algebraic and topological structures -- Random matrices (probabilistic aspects; for algebraic aspects see 15B52)
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