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Titolo	Analysis IV : Integration and Spectral Theory, Harmonic Analysis, the Garden of Modular Delights / / by Roger Godement
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ISBN	3-319-16907-6
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (XI, 527 p. 4 illus.)
Collana	Universitext, , 0172-5939
Disciplina	515.7
Soggetti	Functions of real variables Real Functions
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Sommario/riassunto	Analysis Volume IV introduces the reader to functional analysis (integration, Hilbert spaces, harmonic analysis in group theory) and to the methods of the theory of modular functions (theta and L series, elliptic functions, use of the Lie algebra of SL_2). As in volumes I to III, the inimitable style of the author is recognizable here too, not only because of his refusal to write in the compact style used nowadays in many textbooks. The first part (Integration), a wise combination of mathematics said to be modern and classical, is universally useful whereas the second part leads the reader towards a very active and specialized field of research, with possibly broad generalizations.