

1. Record Nr.	UNINA9910554488803321
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Titolo	Formal analysis : an introduction / / Xiao-Xiong Gan
Pubbl/distr/stampa	Berlin, Germany ; ; Boston, Massachusetts : , : De Gruyter, , [2021] ©2021
ISBN	3-11-059860-4 3-11-059945-7
Descrizione fisica	1 online resource (XII, 326 p.)
Collana	De Gruyter Studies in Mathematics ; ; 80
Classificazione	SK 230
Disciplina	515
Soggetti	Mathematical analysis
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Frontmatter -- Preface -- Contents -- 1 Basics of formal power series -- 2 Calculus of formal power series -- 3 Applications of formal power series, I -- 4 Applications of formal power series, II -- 5 General composition -- 6 Formal analysis and classical analysis -- 7 Formal Laurent series -- 8 Iteration and iterative roots -- 9 Formal series and general exponents -- Bibliography -- Index
Sommario/riassunto	Formal analysis is the study of formal power series, formal Laurent series, formal root series, and other formal series or formal functionals. This book is the first comprehensive presentation of the topic that systematically introduces formal analysis, including its algebraic, analytic, and topological structure, along with various applications.