

1. Record Nr.	UNISA996466635503316
Autore	Mahler Kurt
Titolo	Lectures on transcendental numbers / / K. Mahler ; edited and compiled by B. Divis and W. J. Le Veque
Pubbl/distr/stampa	Berlin ; ; Heidelberg ; ; New York : , : Springer-Verlag, , [1976] ©1976
ISBN	3-540-37981-9
Edizione	[1st ed. 1976.]
Descrizione fisica	1 online resource (XXI, 254 p.)
Collana	Lecture notes in mathematics ; ; 546
Disciplina	512.73
Soggetti	Transcendental numbers Number theory Differential equations, Linear
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Existence and first properties of transcendental numbers -- Convergent laurent series and formal laurent series -- First results on the values of analytic functions at algebraic points -- Linear differential equations: The lemmas of Shidlovski -- Linear differential equations: A lower bound for the rank of the values of finitely many siegel E-functions at algebraic points -- Linear differential equations: Shidlovski's theorems on the transcendency and algebraic independence of values of siegel E-functions -- Applications of Shidlovski's main theorems to special functions -- Formal power series as solutions of algebraic differential equations.