

1. Record Nr.	UNIORUON00198116
Autore	De_Cesare, Giovanni Battista
Titolo	Repertorio bibliografico degli scritti riguardanti le letterature straniere e comparate pubblicati in Italia nell'anno 1968 / compilato da Maria Camilla Bianchini e Giovanni Battista De Cesare
Pubbl/distr/stampa	Milano, : Mursia, 1970. 54 p. ; 24 cm Estratto da, : Annali di Ca' Foscari, vol. IX, 1970, fasc. 2.
Altri autori (Persone)	BIANCHINI, Maria Camilla
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia
2. Record Nr.	UNINA9910962859003321
Autore	Courant Richard <1888-1972.>
Titolo	Introduction to Calculus and Analysis I // by Richard Courant, Fritz John
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 1999
ISBN	3-642-58604-X
Edizione	[1st ed. 1999.]
Descrizione fisica	1 online resource (XXIII, 661 p. 184 illus.)
Collana	Classics in Mathematics, , 2512-5257
Altri autori (Persone)	JohnFritz <1910-1994.> CourantRichard <1888-1972.>
Disciplina	515
Soggetti	Functions of real variables Functions, Special Real Functions Special Functions
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Based on the first author's Vorlesungen uber Differential- und Integralrechnung. Reprint. Originally published: New York : Interscience Publishers, 1965.

## Nota di contenuto

1 Introduction -- 2 The Fundamental Ideas of the Integral and Differential Calculus -- 3 The Techniques of Calculus -- 4 Applications in Physics and Geometry -- 5 Taylor's Expansion -- 6 Numerical Methods -- 7 Infinite Sums and Products -- 8 Trigonometric Series -- 9 Differential Equations for the Simplest Types of Vibration -- List of Biographical Dates.

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## Sommario/riassunto

From the reviews: "Volume 1 covers a basic course in real analysis of one variable and Fourier series. It is well-illustrated, well-motivated and very well-provided with a multitude of unusually useful and accessible exercises. (...) There are three aspects of Courant and John in which it outshines (some) contemporaries: (i) the extensive historical references, (ii) the chapter on numerical methods, and (iii) the two chapters on physics and geometry. The exercises in Courant and John are put together purposefully, and either look numerically interesting, or are intuitively significant, or lead to applications. It is the best text known to the reviewer for anyone trying to make an analysis course less abstract. (...)" *The Mathematical Gazette* (75.1991.471).

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