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| Autore                  | Paltineanu Gavril   |
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| Descrizione fisica      | 1 online resource (191 pages)   |
| Collana                 | Mathematics and Statistics Series   |
| Disciplina              | 620.00151   |
| Soggetti                | Engineering mathematics<br>Mathematics<br>Mathematical analysis<br>Engineering Mathematics<br>General Mathematics<br>Integral Transforms and Operational Calculus   |
| Lingua di pubblicazione | Inglese   |
| Formato                 | Materiale a stampa  |
| Livello bibliografico   | Monografia  |
| Nota di bibliografia    | Includes bibliographical references and index.  |
| Nota di contenuto       | Chapter 1 - Sequences of Real Numbers -- Chapter 2 - Real Number Series -- Chapter 3 - Sequence of Functions (Functional Sequences) -- Chapter 4 - Series of Functions (Functional Series) -- Chapter 5 - Functions of Several Variables -- Chapter 6 - Differential Calculus of Functions of Several Variables.  |
| Sommario/riassunto      | This book gives many helps for students of technical colleges who have had usual mathematical training. The material presented in this book exceeds the content of the spoken lessons, and so, it is also useful for other engineering specialities and even for students in mathematics. The authors present in a small number of pages the basic notions and results of differential calculus concerning to: sequences and series of numbers, sequences and series of functions, power series, elements of topology in n-dimensional space, limits of functions, continuous functions, partial derivatives of functions of several variables, Taylor's formula, extrema of a function of several variables (free or with constrains), change of variables, dependent functions. |