1. Record Nr. UNINA9910454481903321 Autore Ghosh Arun <1933-> Titolo C++ solutions for mathematical problems [[electronic resource] /] / Arun Ghosh New Delhi, : New Age International (P) Ltd., Publishers, 2005 Pubbl/distr/stampa **ISBN** 1-281-78885-6 9786611788858 81-224-2420-1 Descrizione fisica 1 online resource (249 p.) Disciplina 005.133 Soggetti Mathematics - Data processing C++ (Computer program language) Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Nota di bibliografia Includes bibliographical references (p. [237]-238). Nota di contenuto Cover; Preface; Contents; Chapter 1 Preliminary Mathematical Viewpoints; Chapter 2 Computing Surface Areas; Chapter 3 Systems of Simultaneous Equations: Chapter 4 First Order Initial-Value Problems: Chapter 5 Second Order Initial-Value Problems; Chapter 6 Computing Operational Series: Chapter 7 Boundary-Value Problems for Ordinary Differential Equations: Chapter 8 Partial Differential Equations: Chapter 9 Laplace Transforms; Chapter 10 Problems to be Worked Out; Chapter 11 A Short Review on C++; Appendix I Mathematical Relations; Appendix II Using the Program Disc (CPPSOLMP); References The presentation of this book is on the comprehensible application of Sommario/riassunto techniques for the approximation of the mathematical problems that are frequently observed in physical sciences, engineering technology and mathematical physics. The acceptance of the technique for the solution has been justified from mathematical point of view. The Software required for the approximate solution of the problems

programs written in C++ (Turbo).

applying the appropriate Methods, numerically developed is the set of