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| Nota di contenuto       | Front Cover; Basic Electronics Math; Copyright Page; Table of Contents; Chapter 1. Arithmetic Fractions; 1.1 Introduction; 1.2 Rounding Off Numbers; 1.3 Common Fractions; 1.4 Addition of Fractions; 1.5 Subtraction of Fractions; 1.6 Mixed Numbers; 1.7 Mathematical Expressions and Terms; 1.8 Signs of Grouping; Summary; Chapter 2. Operations with Powers and Roots of Numbers; 2.1 Introduction; 2.2 Extraction of Square Roots; 2.3 Roots of Fractions; 2.4 Powers and Roots; 2.5 Higher Powers and Roots of Numbers; Summary; Chapter 3. Scientific Notation and Powers of Ten<br>3.1 Scientific Notation (Powers of Ten)3.2 Signs of Exponents; 3.3 Addition and Subtraction of Powers of Ten; 3.4 Multiplying with Powers of Ten; 3.5 Dividing by Powers of Ten; 3.6 Multiplication and Division Combined; 3.7 Laws of Exponents; 3.8 Raising a Power of Ten to a Power; 3.9 Taking the Root of a Power of Ten; Summary; Chapter 4. Units--Measurements and the Metric System; 4.1 Introduction; 4.2 Units for Electronics; 4.3 Ranges of Electrical Units; 4.4 Systems of Measurement; 4.5 The English System of Measurement; 4.6 The SI Metric System of Measurement<br>4.7 A Summary of the Most Commonly Used Metric Measurements4.8 Relationships Between the Metric and the English Systems; 4.9 The Micron and the Mil; 4.10 Style and Usage of the International System of |

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### Sommario/riassunto

Most students entering an electronics technician program have an understanding of mathematics. Basic Electronics Math provides a practical application of these basics to electronic theory and circuits. The first half of Basic Electronics Math provides a refresher of mathematical concepts. These chapters can be taught separately from or in combination with the rest of the book, as needed by the students. The second half of Basic Electronics Math covers applications to electronics. Basic concepts of electronics math. Numerous problems and examples. Uses real-world appli

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