



## Technical Mathematics (2nd Edition)

By Ewen, Dale; Gary, Joan S.; Trefzger, James E.

Prentice Hall, 2004. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: (NOTE: Each chapter ends with a Summary and a Review section.) 1. Fundamental Concepts. The Real Number System. Zero and Order of Operations. Scientific Notation and Powers of 10. Measurement. Operations with Measurements. Algebraic Expressions. Exponents and Radicals. Multiplication of Algebraic Expressions. Division of Algebraic Expressions. Linear Equations. Formulas. Substitution of Data into Formulas. Applications Involving Linear Equations. Ration and Proportion. Variation. 2. Review of Geometry. Angles and Lines. Triangles. Quadrilaterals. Circles. Geometric Solids: Areas and Volumes. 3. Right-Triangle Trigonometry. The Trigonometric Ratios. Values of the Trigonometric Ratios. Solving Right Triangles. Applications of the Right Triangle. 4. Equations and Their Graphs. Functions. Graphing Equations. The Straight Line. Parallel and Perpendicular Lines. The Distance and Midpoint Formulas. 5. Factoring and Algebraic Fractions. Special Products. Factoring Algebraic Expressions. Other Forms of Factoring. Equivalent Fractions. Multiplication and Division of Algebraic Fractions. Addition and Subtraction of Algebraic Fractions. Complex Fractions. Equations with Fractions. 6. Systems of Linear Equations. Solving a System of Two Linear Equations. Other Systems of Equations. Solving a System of Three Linear Equations. Determinants. Properties of Determinants. Solving a System of Linear Equations Using Determinants. Partial Fractions. 7. Quadratic Equations. Solving Quadratic Equations by Factoring. Solving Quadratic...

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