

APPLICATIONS OF MATHEMATICS IN ELECTRICAL ENGINEERING

This new Self-Study Course from the IEEE Educational Activities Department is designed to assist electrical engineers in reviewing some of the fundamental concepts of engineering math.

It points out how certain techniques can be used effectively to solve real life problems and may provide tools to solve those problems which exceed the capabilities of high level problem-solver packages.

Covering algebra, trigonometry, calculus, and complex arithmetic with an emphasis on linear equations, this course is intended for engineers with general mathematical background who wish to enhance their skills in direct applications and become more familiar with associative computational skills.

Many examples are presented throughout this course providing a valuable source and reference for future use. A program disk containing many complex computations serves as a valuable reference tool providing long-term support.

The complete course contains a comprehensive study guide, final exam, program diskette, and a text: *The Calculus Tutoring Book*, by Carol and Robert Ash, IEEE Press.

Applications of Mathematics in Electrical Engineering, order number HL0439-0, is available at \$299 list price and **\$229 member price** plus shipping and handling.

For a full description of this course and complete ordering information, call IEEE at 1-800-678-IEEE, FAX: 908-981-1686, or TELEX: 833233.



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