

MATHEMATICS
FOR ENGINEERS

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<i>First published</i>	.	.	.	<i>1938</i>
<i>Second Edition</i>	.	.	.	<i>1942</i>
<i>Third Edition</i>	.	.	.	<i>1943</i>
<i>Fourth</i>	.	.	.	<i>1946</i>

MADE AND PRINTED IN GREAT BRITAIN BY
WYMAN & SONS, LTD., LONDON, FAKENHAM AND READING

FOREWORD

THE present small handbook of elementary mathematics is intended to give the engineering and electrical engineering student just the practical portions of some ten departments of mathematics which will enable him to read more advanced textbooks or original papers and solve elementary problems. For the most part the existing mathematical textbooks furnish much information required in the study of the subject as an end in itself ; but also contain much that is not required for the purposes of the engineer. The object of the author has then been to include in one small and portable book just the practical information on various branches of mathematics which are of importance in engineering, but omitting all further discussion of parts not necessarily required. Useful mathematical tables are included which may facilitate numerical calculations.

J.A.F.

NOTE TO REVISED EDITION

IN preparing this revised edition the opportunity has been taken to include some additional matter, particularly in the chapters dealing respectively with Vector Algebra and Differential Equations. Tables of Logarithms and an Index have been added to complete the work. The opportunity has also been taken to correct certain misprints, to which readers have been kind enough to draw attention. This assistance is gratefully acknowledged.

J.A.F.

TABLE OF CONTENTS

PAGE

FOREWORD v

CHAPTER

I. ALGEBRA 1

Algebraic Notation and Signs of Operation. Logarithms. Algebraic Expressions of Various Degrees. Algebraic Addition and Subtraction, Multiplication, and Division. Simple Equations. Quadratic Equations. Methods of Solution. Condition for Single Root of Quadratics.

II. ALGEBRA (*continued*) 10

Simultaneous Equations with Two and Three Unknown Quantities. Determinants. Practical Problems on Networks of Conductors involving Equations with Several Unknown Quantities. Solution by Determinants. The Problem of the Wheatstone Bridge. The Summation of Series—Arithmetic, Geometric Series. Summations of Squares and Cubes of Integers. Triangular and Trinal Numbers. The Exponential Series. Systems of Logarithms. Practical Use of Logarithms. Examples.

III. PLANE TRIGONOMETRY 24

Measurement of Angles. Measurement by Radians or Circular Measure. Converting Degrees, Minutes, and Seconds to Radians. Trigonometric Ratios. Changes in Sign with changes of Angle. Sines and Cosines of Sums or Differences of two Angles. Practical Measurement of Angles by the Theodolite. Use of the Vernier. Measurements of Heights and Distances of Inaccessible Objects. Inverse Trigonometric

IV. PLANE CO-ORDINATE GEOMETRY 35

Expressing Lines and Curves by means of Algebra. The Equation of a Straight Line. Equation to a Line through a Given Point. Length of Perpendicular on a Given Line. Equation of a Circle. Equation of a Tangent to a Circle. Distance of the Sea Horizon from a Given Height. Equation of an Ellipse. Major and Minor Axis of an Ellipse. Method of Drawing an Ellipse. Equation of the Tangent to an Ellipse. Equation of a Parabola. Tangent to a Parabola. Parabolic Mirrors. Path of a Projectile in vacuo. Range of Big Guns. The Equation of an Hyperbola. Simple Method of Drawing an Hyperbola. Hyperbolic Trigonometry. Examples.

CHAPTER	PAGE
V. VECTOR ALGEBRA	51
<p><i>Quantities which involve Direction as well as Magnitude. Representing Vector Quantities by Algebraic Expressions. Addition of Vectors. Multiplication of Vectors. Representation of Alternating Currents by Complex Quantities or Vectors. Root Mean Square Value of an Alternating Current of Electricity. Addition of Alternating Currents. Resistance and Inductance of Electric Circuits. Theory and practice of Parallel working of Alternators. Examples in Vector Algebra.</i></p>	
VI. THE DIFFERENTIAL CALCULUS	66
<p><i>The Notation of the Calculus. Expression for the Slope of a Curve at any Point. Determination and Definition of a Differential Coefficient. Examples. Differential Coefficients of Products and Quotients of Functions. Second and Higher Differential Coefficients. Differentiation of an Exponential and of a Logarithm. Use of the Differential Calculus to determine Conditions of Maximum or Minimum of an Algebraic Expression. Taylor's Theorem. Expansion of Functions. De Moivre's Theorem. Examples of Simple Differentiations.</i></p>	
VII. THE INTEGRAL CALCULUS	75
<p><i>Meaning of an Integral. The Integral Calculus as a Method of Summation. The Sign of Integration or Summation. Application of the Integral Calculus to determine Areas of Curves or Volumes of Solids. Determination of Mean Value. Root Mean Square Values. Integration by Parts. Simple Examples of Integration of Functions.</i></p>	
VIII. DIFFERENTIAL EQUATIONS	84
<p><i>Meaning of a Differential Equation and its Solution. Solution of some Simple Differential Equations. An Equation frequently met with in Physics and Engineering. Unidirectional and Oscillatory Electric Discharges, and the solution of the Differential Equations denoting such Types of Electric Current. The Wave Equation and its Solution.</i></p>	
IX. HARMONIC ANALYSIS	96
<p><i>Fourier's Theorem. Expansion of a Single-valued Function of a Variable in Terms of Sines and Cosines of Angles. Practical use of Fourier's Theorem. Analysing a Complex Wave into its Simple Harmonic Constituents. A Complex Alternating Electric Current expressed as the Sum of a Number of Simple Sine-curve Currents. The Necessary Processes for the Arithmetic Analysis of a Complex Curve or Function. Analysis of a Saw-tooth Periodic Curve.</i></p>	

CHAPTER

PAGE

X. HYPERBOLIC TRIGONOMETRY 103

Trigonometry of the Circle and of the Equilateral Hyperbola. Area of a Circular and of an Hyperbolic Sector. Hyperbolic Functions. Methods of Calculating the Numerical Values of Hyperbolic Functions. Exponential Values of Sinh and Cosh. Hyperbolic Functions of Sums and Differences of Functions. Use of Hyperbolic Functions in Telephone Transmission-line Theory. The Propagation Constant of a Line. The Attenuation and Wave-length Constants of a Telephone Line. The Expressions for the Current and Voltage at the Receiving End of a Telephone Line in Terms of the Hyperbolic Functions of the Line and of the Current and Voltage at the Transmission End of the Line. Examples.

XI. MATHEMATICAL TABLES 111

Table of Squares, Cubes, Square Roots, and Cube Roots of Integers 1 to 250. Four Figure Logarithms. Tables of Ordinary and of Hyperbolic Logarithms of Numbers 1 to 100. Tables of Natural Sines, Cosines, Tangents, and Cotangents of Angles. Table of Circular and Hyperbolic Functions of Radians.

INDEX 125

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