

## What This Text Covers . . .

1. CONSTRUCTION OF SLIDE RULES . . . . . Pages 1 to 18  
*In this introductory section you first learn how a slide rule is constructed and how the various scales on the usual types of slide rules are arranged. You are then given instructions for reading the scales and making specified settings on the scales.*
2. MULTIPLICATION AND DIVISION . . . . . Pages 19 to 32  
*This section describes the use of the slide rule for finding the product or quotient of two or more factors. The use of the C and D scales for this purpose is explained in detail, and the method of locating the decimal point by making an approximate calculation is applied. This section also includes the procedure for solving problems involving both multiplication and division.*
3. THE FOLDED AND INVERTED SCALES . . . . . Pages 33 to 43  
*In this section you are shown how problems involving multiplication and division can be solved more quickly and with less chance of error by using the folded or the inverted scales.*
4. POWERS AND ROOTS . . . . . Pages 44 to 52  
*The topics covered in this section are squares and square roots, cubes and cube roots, and the relation between the diameter and the area of a circle.*
5. THE LOGARITHMIC AND TRIGONOMETRIC SCALES . . . . . Pages 53 to 63  
*In this section you are shown how a slide rule can be used for finding common logarithms of numbers and trigonometric functions of angles.*
6. SPECIAL SCALES OF THE SLIDE RULE . . . . . Pages 64 to 70  
*The purpose of this section is to familiarize you with the use of log log scales.*

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