The Design of Diagrams for Engineering Formulas: And the Theory of Nomography (Classic Reprint)

By Laurence I Hewes

Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Excerpt from The Design of Diagrams for Engineering Formulas: And the Theory of Nomography It is intended in this volume to present in a practical way the principles of the design of diagrams or nomograms for the solution of engineering and other formulas. The usefulness of a diagrammatic solution of a formula is becoming increasingly recognized and it is generally in proportion to the resistance of the formula to calculation and to the frequency of the application of the result sought. The aim of the present writing has been, therefore, not merely to give elementary methods of drawing simple diagrams but also to develop the grasp of the reader so that he will be able to analyze the more complex formulas of engineering practice. The entire subject would only be handicapped by attempting to avoid the use of the third order determinants and consequently that notation is introduced in the third chapter and continued throughout the book. A sufficient treatment of determinants is given in Appendix A and is indispensable to those who are not familiar with...

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