



## Engineering Applications of Higher Mathematics, Vol. 5 (Classic Reprint)

By Vladimir Karapetoff

Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Excerpt from Engineering Applications of Higher Mathematics, Vol. 5 This last part of the work contains problems in electrical engineering, and these, as well as the problems of the other parts, have been selected to illustrate the important principles of analytics and calculus. The several parts are independent of one another, and contain problems selected from the following engineering subjects: Part I. Machine Design. Part II. Hydraulics. Part III. Thermodynamics. Part IV. Mechanics of Materials. Part V. Electrical Engineering. A student or an engineer who wishes to review calculus or analytic geometry, or who wishes to acquire facility in applications of higher mathematics to engineering problems, may begin with any one of the five parts. He will probably first read the part which deals with his own branch of engineering, and then take the others with which he is less familiar. In this way every reader can arrange the parts according to an ascending degree of difficulty. The author's views on teaching mathematics to engineering students may be found in the Preface to Part I and...



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