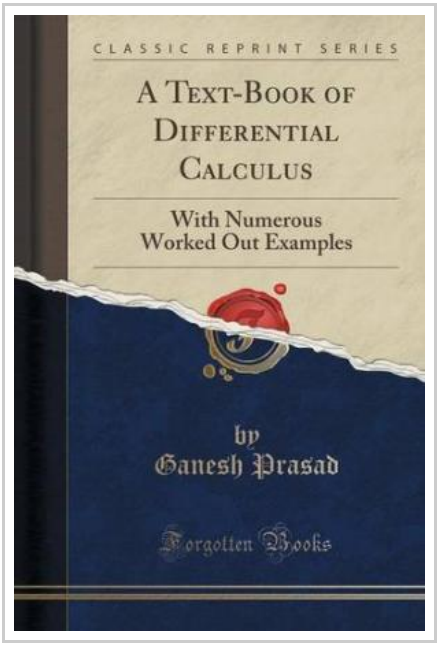


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A Text-Book of Differential Calculus: With Numerous Worked Out Examples (Classic Reprint) (Paperback)

By Ganesh Prasad

Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Excerpt from A Text-Book of Differential Calculus: With Numerous Worked Out Examples In this work it has been my aim to lay before students a strictly rigorous and, at the same time, simple exposition of the Differential Calculus and its chief applications. The present volume is intended for beginners and is so designed as to meet the requirements of Part I. of the Cambridge Mathematical Tripos Examination, and of the Examinations for the B.A. and B.Sc. degrees of Indian Universities. The chief characteristics of the present work may be indicated as follows: - (1) The fundamental principles of the Differential Calculus have been based on a purely arithmetical foundation. Thus, the various theorems have been carefully enunciated and their proofs have been made quite independent of geometrical intuition. In this connection, I may specially mention the chapters on Rolle s Theorem and Taylor s Theorem, Maxima and Minima, and Indeterminate Forms. (2) Almost every article is followed by worked out examples, specially suited for illustrating the article. There are also numerous exercises in every chapter. (3) A...

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