



An Introduction to the Infinitesimal Calculus Notes for the Use of Science and Engineering Students

By Horatio Scott Carslaw

BiblioLife. Paperback. Book Condition: New. This item is printed on demand. Paperback. 116 pages. Dimensions: 7.9in. x 4.9in. x 0.3in. These introductory chapters in the Infinitesimal Calculus were lithographed and issued to the students of the First Year in Science and Engineering of the University of Sydney at the beginning of last session. They form an outline of, and were meant to be used in conjunction with, the course on The Elements of Analytical Geometry and the Infinitesimal Calculus, which leads up to a term's work on Elementary Dynamics. The standard text-books amply suffice for the detailed study of this subject in the second year, but the absence of any discussion of the elements and first principles suitable for the first year work, was found to be a serious hindrance to the work of the class. For such students a separate course on Analytical Geometry, without the aid of the Calculus, is not necessary, and the exclusion of the methods of the Calculus from the analytical study of the Conic Sections is quite opposed to the present unanimous opinion on the education of the engineer. It has been our object to present the fundamental ideas of the Calculus in a simple...



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