



## An Elementary Treatise on the Integral Calculus: Founded on the Method of Rates or Fluxions (Classic Reprint)

By William Woolsey Johnson

Forgotten Books, United States, 2015. Paperback. Book Condition: New. abridged edition. 229 x 152 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Excerpt from An Elementary Treatise on the Integral Calculus: Founded on the Method of Rates or Fluxions This work, as at present issued, is designed as a shorter course in the Integral Calculus, to accompany the abridged edition of the treatise on the Differential Calculus, by Professor J. Minot Rice and the writer. It is intended hereafter to publish a volume commensurate with the full edition of the work above mentioned, of which the present shall form a part, but which shall contain a fuller treatment of many of the subjects here treated, including Definite Integrals, and the Mechanical Applications of the Calculus, as well as Elliptic Integrals. Differential Equations, and the subjects of Probabilities and Averages. The conception of Rates has been employed as the foundation of the definitions, and of the whole subject of the integration of known functions. The connection between integration, as thus defined, and the process of summation, is established in Section VII. Both of these views of an integral - namely, as a quantity generated at a given...



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