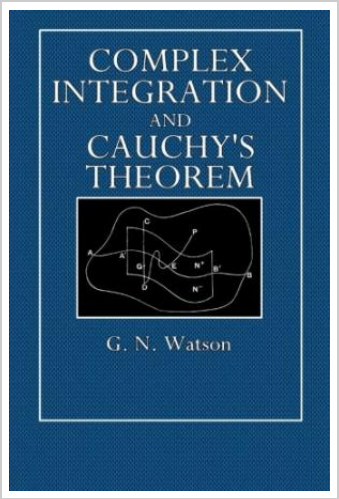


# Complex Integration and Cauchys Theorem

By G N Watson

Createspace, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.From the Preface. My object in writing this Tract was to collect into a single volume those propositions which are employed in the course of a rigorous proof of Cauchy s theorem, together with a brief account of some of the applications of the theorem to the evaluation of definite integrals. My endeavour has been to place the whole theory on a definitely arithmetical basis without appealing to geometrical intuitions. With that end in view, it seemed necessary to include an account of various propositions of Analysis Situs, on which depends the proof of the theorem in its most general form. In proving these propositions, I have followed the general course of a memoir by Ames; my indebtedness to it and to the textbooks on Analysis by Goursat and by de la Vallee Poussin will be obvious to those who are acquainted with those works.

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