



## Asymptotic Methods in Analysis

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By N G de Bruijn, Mathematics

Dover Publications Inc., United States, 2010. Paperback. Book Condition: New. Dover.. 213 x 137 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. A reader looking for interesting problems tackled often by highly original methods, for precise results fully proved, and for procedures fully motivated, will be delighted. Mathematical Reviews. Asymptotics is not new. Its importance in many areas of pure and applied mathematics has been recognized since the days of Laplace. Asymptotic estimates of series, integrals, and other expressions are commonly needed in physics, engineering, and other fields. Unfortunately, for many years there was a dearth of literature dealing with this difficult but important topic. Then, in 1958, Professor N. G. de Bruijn published this pioneering study. Widely considered the first text on the subject and the first comprehensive coverage of this broad field the book embodied an original and highly effective approach to teaching asymptotics. Rather than trying to formulate a general theory (which, in the author s words, leads to stating more and more about less and less ) de Bruijn teaches asymptotic methods through a rigorous process of explaining worked examples in detail. Most of the important asymptotic methods are covered here with...



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