

Lyashko, I. I.; Boyarchuk, A. K.; Gaj, Ya. G.; Golovach, G. P.

A handbook on mathematical analysis. Introduction to analysis, the derivative, the integral. (Spravochnoe posobie po matematicheskomu analizu. Vvedenie v analiz, proizvodnaya, integral). 2nd ed., rev. and compl. (Russian) [Zbl 0591.26003](#)

Kiev: Golovnoe Izdatel'stvo Izdatel'skogo Ob"edineniya "Vishcha Shkola". 456 p. R. 1.80 (1984).

This is a very well written exercise-book for students. It consists of four chapters: Introduction to analysis, differential calculus of one variable, indefinite integrals, definite integrals. Each chapter is divided into sections. Every section starts with basic theory, continues with some portion of problems with complete solutions (some problems are solved using several methods) and ends with problems to be solved by the reader. At the end of the book there is a collection of answers or hints for almost each problem. Exercises vary from very routine to that demanding some knowledge and skilness.

Reviewer: [J.Niewiarowsky](#)

MSC:

26-01 Introductory exposition (textbooks, tutorial papers, etc.) pertaining to real functions

Keywords:

exercise-book for students; [Introduction to analysis](#)