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Analysis 2. Integral calculus and multidimensional analysis. (Analysis 2. Integralrechnung und mehrdimensionale Analysis.) 2nd updated ed.

Mathematik-Studienhilfen. Leipzig: Fachbuchverlag Leipzig im Carl Hanser Verlag (ISBN 978-3-446-43835-4/hbk; 978-3-446-43837-8/ebook). 190 p. (2013).

In this textbook (written in German) most of the basic results in analytic calculus as taught in ground courses in mathematics and applied sciences are presented and illustrated by a large number of examples. For proofs the authors refer to other textbooks. Topics are integral calculus, Fourier series, multidimensional analysis, applications. Helpful are the questions at the end of all chapters. The textbook is very useful for students of applied sciences to cover all the topics of elementary analysis. It is part of the two textbooks on analysis (for the first part see [the authors, Analysis 1. Grundlagen und Differenzialrechnung. Leipzig: Fachbuchverlag Leipzig im Carl Hanser Verlag (2007; Zbl 1272.26001)]) published by Fachbuchverlag Leipzig.

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