

BOOK REVIEW

Teodor Bulboacă, Santosh B. Joshi, and Pranay Goswami; Complex Analysis, Theory and Applications, De Gruyter Textbook, Berlin, Boston: De Gruyter, 2019.

ISBN 978-3-11-065782-1

e-ISBN (PDF) 978-3-11-065786-9

e-ISBN (EPUB) 978-3-11-065803-3

The book “Complex Analysis: Theory and applications” is aimed at giving students a good foundation of complex analysis and provides a basis for solving problems in mathematics and allied areas. Each chapter is supplemented with well-structured examples and exercises. The solution to the exercises given in the chapter was given at the end of the book. This book can be used as a textbook as an undergraduate course, or as a supplementary text for an advanced course of complex analysis.

The book is carefully written and each chapter has an interesting list of exercises. Complex analysis can challenge the intuition of the new student. This text is unique, among high-quality textbooks, in giving a careful and thorough exploration. This book covers almost all the classical results of which are known as “Complex Variables”. It explains all the basic concepts of complex analysis very heuristically. It is very useful as an Undergraduate and somewhat Graduate Text in Mathematics.

Nikola Tuneski