Nonlinear Functional Analysis: A First Course
Second Edition
S. Kesavan, Institute of Mathematical Sciences, Chenna, India

The purpose of this book is to provide an introduction to the theory of the topological degree and to some variational methods used in the solution of some nonlinear equations formulated in Banach or Hilbert spaces. While the choice of topics and the treatment have been kept sufficiently general so as to interest all students of higher mathematics, the material presented will be particularly useful for students aspiring to work in the applications of mathematics, especially in the area of partial differential equations.

A publication of Hindustan Book Agency; distributed within the Americas by the American Mathematical Society. Maximum discount of 20% for all commercial channels.


Titles published by the Hindustan Book Agency (New Delhi, India) include studies in advanced mathematics, monographs, lecture notes, and/or conference proceedings on current topics of interest.

Discover more books at bookstore.ams.org/hin.

Publications of Hindustan Book Agency are distributed within the Americas by the American Mathematical Society. Maximum discount of 20% for commercial channels.