

Download An Introduction To Modern Analysis

The presentation of the book is meant to provide natural connections to classical fields of applications such as Fourier analysis or statistics. However, the book also covers modern areas of research, including new and seminal results in the area of functional analysis. introduction to these subjects, and may foster the interest of the reader to enlarge his/her knowledge of modern techniques used in many fields. Together with Chap. 6, this chapter may constitute a basic material for an introductory graduate course in linear and nonlinear functional analysis. The presentation of the book is meant to provide natural connections to classical fields of applications such as Fourier analysis or statistics. However, the book also covers modern areas of research, including new and seminal results in the area of functional analysis. A course of modern analysis; an introduction to the general theory of infinite processes and of analytic functions; with an account of the principal transcendental functions