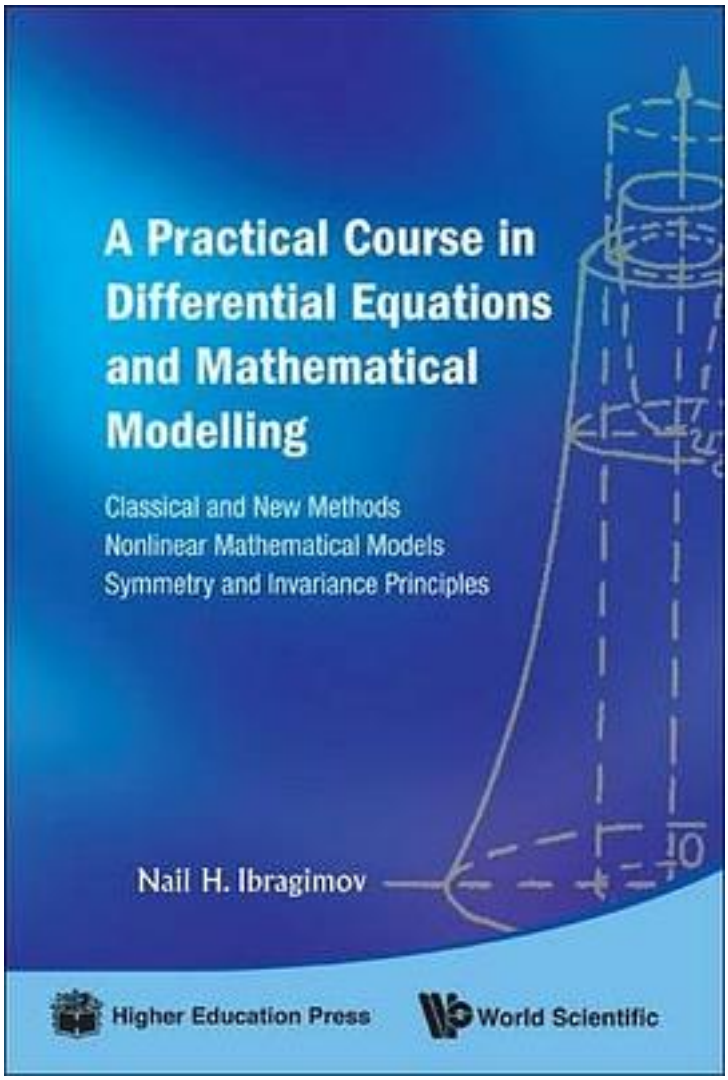
PRACTICAL COURSE IN DIFFERENTIAL EQUATIONS AND MATHEMATICAL MODELLING, A



PRACTICAL COURSE IN DIFFERENTIAL EQUATIONS AND MATHEMATICAL MODELLING, A_下载链接1_

著者:IBRAGIMOV NAIL H

出版者:World Scientific Publishing

出版时间:2010-1-19

装帧:Hardcover

isbn:9789814291941

"A Practical Course in Differential Equations and Mathematical Modelling" is a unique blend of the traditional methods of ordinary and partial differential equations with Lie group analysis enriched by the author's own theoretical developments. The book - which aims to present new mathematical curricula based on symmetry and invariance principles - is tailored to develop analytic skills and working knowledge in both classical and Lie's methods for solving linear and nonlinear equations. This approach helps to make courses in differential equations, mathematical modelling, distributions and fundamental solution, etc. easy to follow and interesting for students. The book is based on the author's extensive teaching experience at Novosibirsk and Moscow universities in Russia, College de France, Georgia Tech and Stanford University in the United States, universities in South Africa, Cyprus, Turkey, and Blekinge Institute of Technology (BTH) in Sweden. The new curriculum prepares students for solving modern nonlinear problems and will essentially be more appealing to students compared to the traditional way of teaching mathematics.

作者介绍:

目录:

PRACTICAL COURSE IN DIFFERENTIAL EQUATIONS AND MATHEMATICAL MODELLING, A_下载链接1_

标签

浦借

微分方程

分析

评论

PRACTICAL COURSE IN DIFFERENTIAL EQUATIONS AND MATHEMATICAL MODELLING, A_下载链接1_

书评

PRACTICAL COURSE IN DIFFERENTIAL EQUATIONS AND MATHEMATICAL MODELLING, A_下载链接1_