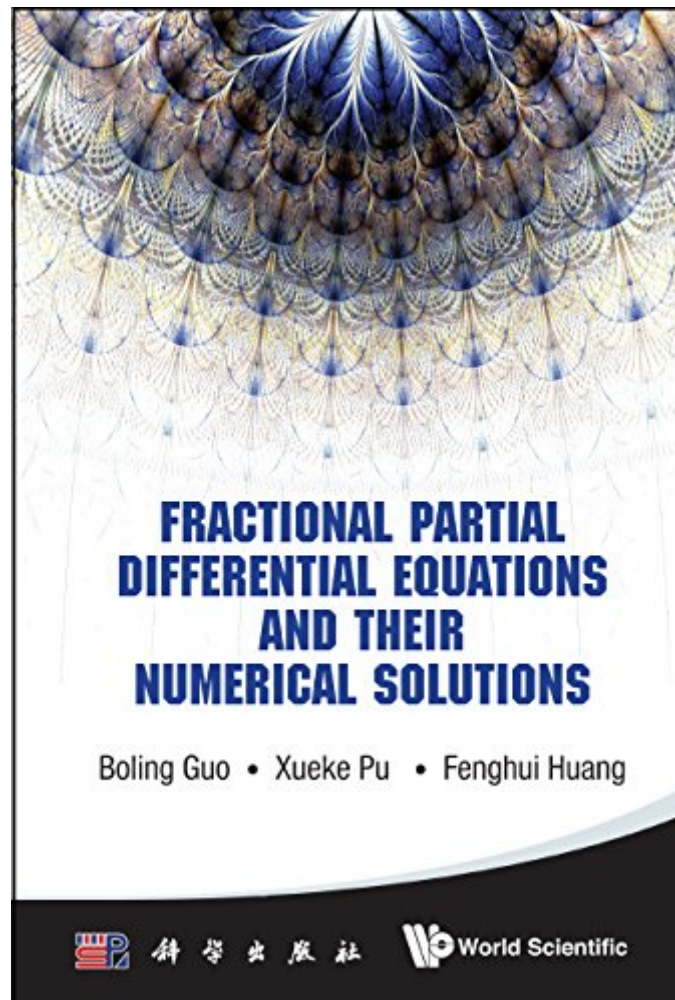# Fractional Partial Differential Equations and Their Numerical Solutions PDF

Fractional Partial Differential Equations and Their Numerical Solutions by Boling Guo, Xueke Pu, Fenghui Huang ISBN 9814667048

This book aims to introduce some new trends and results on the study of the fractional differential equations, and to provide a good understanding of this field to beginners who are interested in this field, which is the authors' beautiful hope.

This book describes theoretical and numerical aspects of the fractional partial differential equations, including the authors' researches in this field, such as the fractional Nonlinear Schrödinger equations, fractional Landau Lifshitz equations and fractional Ginzburg Landau equations. It also covers enough fundamental knowledge on the fractional derivatives and fractional integrals, and enough background of the fractional PDEs.

Readership: Graduate students and researchers in mathematical physics, numerical analysis and computational mathematics.

Fractional Partial Differential Equations and Their Numerical Solutions Review

This Fractional Partial Differential Equations and Their Numerical Solutions book is not really ordinary book, you have it then the world is in your hands. The benefit you get by reading this book is actually information inside this reserve incredible fresh, you will get information which is getting deeper an individual read a lot of information you will get. This kind of Fractional Partial Differential Equations and Their Numerical Solutions without we recognize teach the one who looking at it become critical in imagining and analyzing. Don't be worry Fractional Partial Differential Equations and Their Numerical Solutions can bring any time you are and not make your tote space or bookshelves' grow to be full because you can have it inside your lovely laptop even cell phone. This Fractional Partial Differential Equations and Their Numerical Solutions having great arrangement in word and layout, so you will not really feel uninterested in reading.