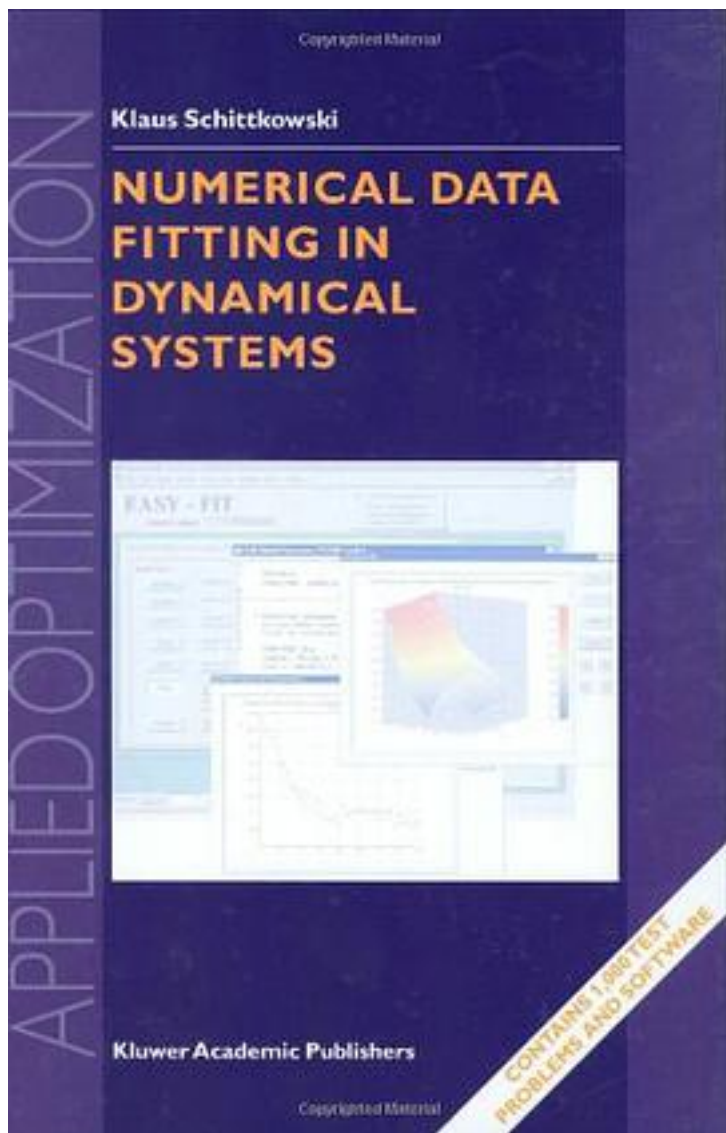


# Numerical Data Fitting in Dynamical Systems



[Numerical Data Fitting in Dynamical Systems\\_ 下载链接1](#)

著者:Schittkowski, Klaus

出版者:Kluwer Academic Pub

出版时间:

装帧:HRD

isbn:9781402010798

The main objective of the book is to give an overview of numerical methods to compute parameters of a dynamical model by a least squares fit of experimental data. The mathematical equations under consideration are explicit model functions or steady state systems in the simplest case, or responses of dynamical systems defined by ordinary differential equations, differential algebraic equations, partial differential equations, and partial differential algebraic equations (1D). Many different mathematical disciplines must be combined to find a solution, for example nonlinear programming, least squares optimization, systems of nonlinear equations, ordinary differential equations, discretization of partial differential equations, sensitivity analysis, automatic differentiation, and statistics.

作者介绍:

目录:

[Numerical Data Fitting in Dynamical Systems\\_ 下载链接1\\_](#)

标签

评论

-----  
[Numerical Data Fitting in Dynamical Systems\\_ 下载链接1\\_](#)

书评

-----  
[Numerical Data Fitting in Dynamical Systems\\_ 下载链接1\\_](#)