

This book is intended to help researchers overcome the entrance barrier to Proper Generalized Decomposition (PGD), by providing a valuable tool to begin the programming task. Detailed Matlab Codes are included for every chapter in the book, in which the theory previously described is translated into practice. Examples include parametric problems, non-linear model order reduction and real-time simulation, among others. Proper Generalized Decomposition (PGD) is a method for numerical simulation in many fields of applied science and engineering. As a generalization of Proper Orthogonal Decomposition or Principal Component Analysis to an arbitrary number of dimensions, PGD is able to provide the analyst with very accurate solutions for problems defined in high dimensional spaces, parametric problems and even real-time simulation.

The Everything Kakuro Challenge Book: Over 200 Brain-teasing Puzzles With Instruction for Solving (Everything: Sports and Hobbies), Tournament Solutions and Majority Voting (Studies in Economic Theory), Jamestown Experiment: The Remarkable Story of the Enterprising Colony and the Unexpected Results That Shaped America, Siegfried Line 1944-45: Battles on the German frontier (Campaign), National 4 & 5 Modern Studies: Democracy in Scotland and the UK (N4-5), The Everything Machine, Luis Fernandez (Spanish Edition),

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