Dimensional Analysis in the Identification of Mathematical Models

By Waclaw Kasprzak, Lysik Bertold, Marek Rybaczuk
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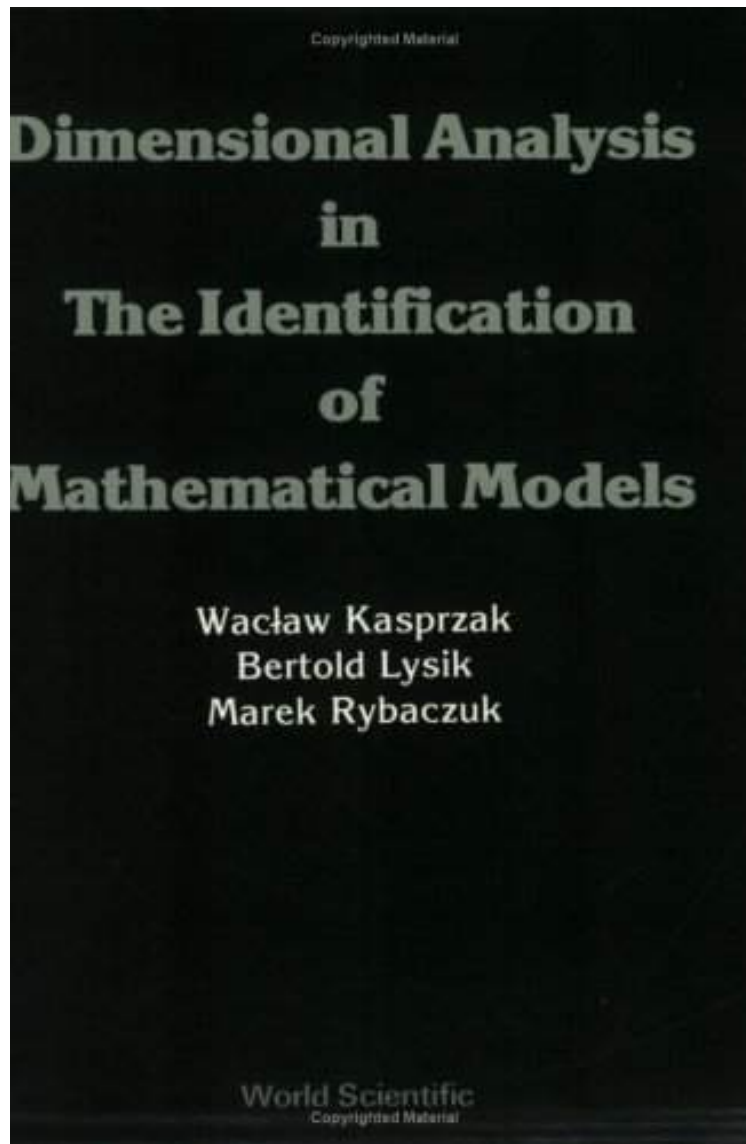
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By Waclaw Kasprzak, Lysik Bertold, Marek Rybaczuk : Dimensional Analysis in the Identification of Mathematical Models caltech engineering and applied science computing mathematical sciences an interdisciplinary journal combining mathematical and experimental papers on inverse problems with numerical and practical

approaches to their solution Dimensional Analysis in the Identification of Mathematical Models:

This book is the first textbook with the generalization of Dimensional Analysis specially prepared to solve problems of identification of mathematical models based on experimental data The generalization gives the possibility of mathematical model invariant with regard to gauge group groups of rotation and others The resulting formalism generates the most general and tensor homogeneous form of possible functional dependence

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