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Advanced Programming Guide

Advanced Programming Guide Maple 1

SJ Ball

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method and an interesting or amusing story accompanied with a thought provoking quote that leads the reader through the various steps of the recipe Each section of recipes is followed by a set of problems that readers can use to check their understanding or to develop the topic further This text is the first of two volumes the advanced guide aimed at junior senior graduate level students dealing with more advanced differential equation models *Maple Advanced Programming Guide*

M. B. Monagan,2008 **Geometric Computation** Falai Chen,Dongming Wang,2004-03-29 This book contains tutorial surveys and original research contributions in geometric computing modeling and reasoning Highlighting the role of algebraic computation it covers surface blending implicitization and parametrization automated deduction with Clifford algebra and in real geometry and exact geometric computation Basic techniques advanced methods and new findings are presented coherently with many examples and illustrations Using this book the reader will easily cross the frontiers of symbolic computation computer aided geometric design and automated reasoning The book is also a valuable reference for people working in other relevant areas such as scientific computing computer graphics and artificial intelligence

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