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Algorithms and Computation in Mathematics

Volume 1

Manuel Bronstein

Symbolic Integration I

Transcendental Functions

Second Edition



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Sadykov, Evgenii V. Vorozhtsov, 2023-08-23 This book constitutes the refereed proceedings of the 25th International Workshop on Computer Algebra in Scientific Computing CASC 2023 which took place in Havana Cuba during August 28 September 1 2023 The 22 full papers included in this book were carefully reviewed and selected from 29 submissions They focus on the theory of symbolic computation and its implementation in computer algebra systems as well as all other areas of scientific computing with regard to their benefit from or use of computer algebra methods and software Special Integrals of Gradshteyn and Ryzhik Victor H. 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Gander, Jiri Hrebicek, 2012-12-06 From the reviews An excellent reference on undergraduate mathematical computing American Mathematical Monthly manuals for such systems Maple and MATLAB tend to use trivial examples making it difficult for new users of such systems to quickly apply their power to real problems. The authors have written a good book to address this need the book is worth buying if you want guidance in applying Maple and MATLAB to problems in the workplace Computing Reviews. The presentation is unique and extremely interesting I was thrilled to read this text and to learn the powerful problem solving skills presented by these authors I recommend the text highly as a learning experience not only to engineering students but also to anyone interested in computation Mathematics of Computation

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