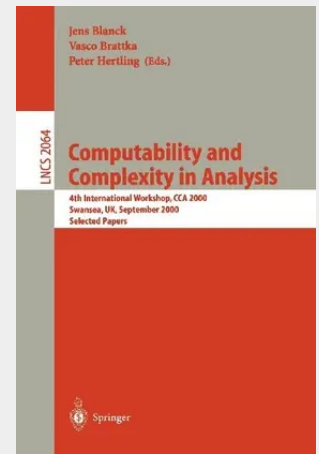


Computability and Complexity in Analysis

4th International Workshop, CCA 2000, Swansea, UK, September 17-19, 2000. Selected Papers

The workshop on Computability and Complexity in Analysis, CCA 2000, was hosted by the Department of Computer Science of the University of Wales Swansea, September 17-19, 2000. It was the fourth workshop in a successful series of workshops: CCA'95 in Hagen, Germany, CCA'96 in Trier, Germany, and CCA'98 in Brno, Czech Republic. About 40 participants from the countries United Kingdom, Germany, Japan, Italy, Russia, France, Denmark, Greece, and Ireland contributed to the success of this meeting. Altogether, 28 talks were presented in Swansea. These proceedings include 23 papers which represent a cross-section through recent research on computability and complexity in analysis. The workshop succeeded in bringing together people interested in computability and complexity aspects of analysis and in exploring connections with numerical methods, physics and, of course, computer science. It was rounded off by a number of talks and papers on exact computer arithmetic and by a competition of various implemented systems. A report on this competition has been included in these proceedings. We would like to thank the authors for their contributions and the referees for their careful work, and we hope for further inspiring and constructive meetings of the same kind. April 2001 Jens Blanck Vasco Brattka Peter Hertling Organization CCA2000 was hosted by the Department of Computer Science of the University of Wales Swansea and took place on September 17-19, 2000.

The workshop on Computability and Complexity in Analysis, CCA 2000, was hosted by the Department of Computer Science of the University of Wales Swansea, September 17-19, 2000. It was the fourth workshop in a successful series of workshops: CCA'95 in Hagen, Germany, CCA'96 in Trier, Germany, and CCA'98 in Brno, Czech Republic. About 40 participants from the countries United Kingdom, Germany, Japan, Italy, Russia, France, Denmark, Greece, and Ireland contributed to the success of this meeting. Altogether, 28 talks were presented in Swansea. These proceedings include 23 papers which represent a cross-section through recent research on computability and complexity in analysis. The workshop succeeded in bringing together people interested in computability and complexity aspects of analysis and in exploring connections with numerical methods, physics and, of course, computer science. It was rounded off by a number of talks and papers on exact computer arithmetic and by a competition of various implemented systems. A report on this competition has been included in these proceedings. We would like to thank the authors for their contributions and the referees for their careful work, and we hope for further inspiring and constructive meetings of the same kind. April 2001 Jens Blanck Vasco Brattka Peter Hertling Organization CCA2000 was hosted by the Department of Computer Science of the University of Wales Swansea and took place on September 17-19, 2000.



53,49 €
49,99 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9783540421979
Medium: Buch
ISBN: 978-3-540-42197-9
Verlag: Springer
Erscheinungstermin: 23.05.2001
Sprache(n): Englisch
Auflage: 1. Auflage 2001
Serie: Lecture Notes in Computer Science
Produktform: Kartoniert
Gewicht: 1260 g
Seiten: 396
Format (B x H): 155 x 235 mm

