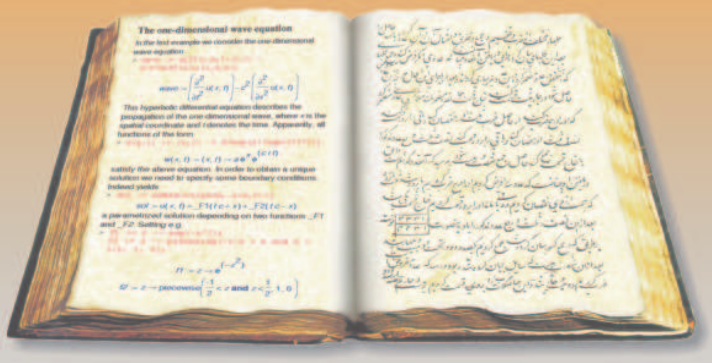
Computer Algebra in Scientific Computing



October 5 - 9, 2000
Samarkand State University
Samarkand, Uzbekistan

WWW: http://wwwmayr.in.tum.de/CASC2000
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Workshop Chairs

Vladimir Gerdt (Dubna)

Ernst W. Mayr (Munich)

Program Committee

2000

Laurent Bernardin (Zurich)
Victor Edneral (Moscow)
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Franz Winkler (Linz)
Christoph Zenger (Munich)

Topics

- computer algebra and approximate computation
- numerical simulations using computer algebra systems
- parallel symbolic-numeric computation
- problem-solving environments
- symbolic-numeric interface
- Internet accessible symbolic and numeric computation
- construction of approximate solutions of ordinary differential equations and dynamical systems
- symbolic-numeric methods for differential-algebraic equations
- computer algebra analysis of partial differential equations
- algebraic methods for nonlinear polynomial equations and inequalities
- algorithmic and complexity considerations in computer algebra
- applications in natural sciences

Organization Committee

Workshop organizing committee:
Michal Mnuk (chair)
Annelies Schmidt (secretary)
Klaus Wimmer

Local organizing committee:
Akhmadjon Soleev (chair)
Ulugbek Narzullaev (secretary)
Shavgat Ayupov

Important Dates

April 10, 2000: Submission of full papers

September 1, 2000: Registration deadline