

Topics:

exact and approximate computation
numerical simulation using
computer algebra systems
parallel symbolic-numeric computation
problem-solving environment
internet accessible symbolic and
numeric computation
symbolic-numeric methods
for differential, differential-algebraic,
and difference equations
algebraic methods in geometric modeling
algebraic methods for
nonlinear polynomial equations
and inequalities
symbolic and numerical computation in
systems engineering and modeling
algorithmic and complexity considerations
in computer algebra
computer algebra in industry
computer algebra in nanotechnology
solving problems in natural sciences
automated reasoning in algebra
and geometry

C A S C

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computer

Algebra

in

scientific

computing

2009

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