

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

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The 12th Workshop on Computer Algebra in Scientific Computing

with some special features, honoring Ernst W. Mayr
on the occasion of his 60th birthday

2010



September 5 - 12, 2010
Tsakhkadzor, Armenia

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Important Dates

deadline for (electronic) submission:	April 12, 2010
notification of acceptance:	May 30, 2010
deadline for final version:	June 13, 2010

