

JOURNAL OF SYMBOLIC COMPUTATIONS

Special Issue

on

*Validated numerical methods
and computer algebra*

Papers are solicited for a special issue of the Journal of Symbolic Computation on validated numerical methods and computer algebra. The special issue is scheduled for early 1995.

Of interest are recent advances in correct methods which combine symbolic computations with validated numerical methods. Also methods which bear the potential for such a combination will be considered. This includes—but is not limited to—the use of interval algorithms in computer algebra systems, analytical evaluations in interval algorithms, the organization of symbolic-numerical interfaces, and the application of hybrid symbolic-numerical methods with guaranteed results for advanced problem solving.

The complete paper should be received no later than September 1, 1994 by Werner Krandick at the address given below. The submission must be in English and may not exceed 30 pages. Submission of a hard copy is allowed, electronic submission of a \LaTeX file is preferred. Authors are strongly encouraged to use the \LaTeX macro `jsc.sty` which is available from Academic Press (24–28 Oval Road, London NW1 7DX) or by anonymous ftp:

```
ftp ftp.risc.uni-linz.ac.at
anonymous
anonymous
cd pub/jsc
dir
get jsc.sty
get jscguide.tex
quit
```

Papers should be of high quality and in a form that will not require major revisions, since this special issue is being developed under a tight schedule.

Important dates:

Paper submission:	September 1, 1994
Notification of acceptance:	December 1, 1994
Final manuscript received:	January 1, 1995
Publication date:	February, 1995

Guest editors:

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