A Bibliography of Publications of R. Baker Kearfott

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Abstract

This bibliography records publications of R. Baker Kearfott.

Title word cross-reference

R^n [Kea78].

1982 [PR82, PP82]. **1983** [KMW84]. **1988** [BL89]. **1993** [CK93, Kea93a, Kea93b]. **1995** [KK96].

2002 [Kea03e].

3rd [Coh82].

4 [Kea05a].

77 [HKA93, KDDH92, KDDH94].

90 [Kea95c, Kea95a, Kea96b].

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- branch and bound algorithms for global optimization,
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- fuzzy logic.

Actual applications described in the book include:

- economic input-output models,
- quality control in manufacturing design,
- a computer-assisted proof in quantum mechanics,
- medical expert systems,
- and others.

A realistic view of interval computations is taken: the articles indicate when and how overestimation and other challenges can be overcome. An introductory chapter explains the content of the papers in terminology accessible to mathematically literate graduate students. The style of the individual, refereed contributions has been made uniform and understandable, and there is an extensive book-wide index. Audience: Valuable to students and researchers interested in automatic result verification. Detailed information, including contents, contributors, and an order form can be found:

- on Kluwer homepage `http://www.wkap.nl`, or
- on the Interval Computations homepage `http://cs.utep.edu/interval-comp/main.html`, in the "Books" section.

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