

ADDENDUM TO
**SELF-VERIFIED EXTENSION OF AFFINE ARITHMETIC TO
ARBITRARY ORDER**

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For a technical mistake this article appeared without references and citations. Here we add the references and, page by page, the necessary citations in order of appearance. We apologize for this inconvenient.

page 15 \mapsto [5]
page 16 \mapsto [9], [4, 7, 8]
page 17 \mapsto [9]
page 19 \mapsto [3, 4], [4]
page 20 \mapsto [7, 8]
page 27 \mapsto [1]
page 28 \mapsto [2]
page 29 \mapsto [6]

REFERENCES

- [1] Heiko Andrä - Sebastiano Battiato - Giuseppe Bilotta - Giovanni M. Farinella - Gaetano Impoco - Julia Orlik - Giovanni Russo - Aivars Zemitis, *Structural simulation of a bone-prosthesis system of the knee joint*, SENSORS, accepted.
- [2] Giuseppe Bilotta, *Multidimensional affine expressions and applications to parametric linear system solving*, Reliable Computing, submitted.
- [3] Frédéric Messine, *Extensions of Affine Arithmetic: Application to Unconstrained Global Optimization*, Journal of Universal Computer Science **8** no. 11 (2002), 992–1015.
- [4] Frédéric Messine - Ahmed Touhami, *A General Reliable Quadratic Form: An Extension of Affine Arithmetic*, Reliable Computing **12** (June 2006), 171–192(22).
- [5] Ramon E. Moore, *Interval analysis*, Prentice-Hall, Upper Saddle River, NJ 07458, USA, 1966.
- [6] Rafi Muhanna - Hao Zhang - Robert Mullen, *Interval Finite Elements as a Basis for Generalized Models of Uncertainty in Engineering Mechanics*, Reliable Computing **13** (April 2007), 173–194(22).
- [7] Huahao Shou - Hongwei Lin - Ralph R. Martin - Guojin Wang, *Modified Affine Arithmetic is more accurate than Centered Interval Arithmetic or Affine Arithmetic*, vol. 2768, pp. 355–365, Springer Berlin / Heidelberg, 2003.
- [8] Huahao Shou - Hongwei Lin - Ralph R. Martin - Guojin Wang, *Modified affine arithmetic in tensor form for trivariate polynomial evaluation and algebraic surface plotting*, J. Comput. Appl. Math. **195** no. 1 (2006), 155–171.
- [9] Jorge Stolfi - Luiz Henrique De Figueiredo, *Self-Validated Numerical Methods and Applications*, Institute for Pure and Applied Mathematics (IMPA), Rio de Janeiro, 1997 (en), Monograph for the 21st Brazilian Mathematics Colloquium (CBM'97), IMPA.

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