



Common publications

Books

- Becker, R. & Trujillo, D.: Concepts of the Finite Element Library Concha. In: *Monografias Matematica* (2012), S. 59--67
- Capatina, D. & Barrau, N.: Numerical simulation of anisothermal flows of Newtonian fluids. In: *Monografias Matematicas Garcia de Galdeano* 35 (2011), S. 37--46
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- Becker, R.; Capatina, D.; Graebing, D. & Joie, J.: Finite element discretization for the numerical simulation of polymer flows. In: *Monografias Matematicas Garcia de Galdeano Vol. 35* (2010), S. 57--64
- B. Lacruz, F.J. Lopez, P. Mateo, C. Paroissin, A. Pérez-Palomares and G. Sanz (Eds), *Pyrenees International Workshop on Statistics, Probability and Operations Resaearch (SPO'07)*, Monografias del Seminario Matematico "Garcia De Galdeano", vol. 34, Prensas Universitarias de Zaragoza, 2008
- M. Madaune-Tort, D. Trujillo, M. C. López de Silanes, M. Palacios, G. Sanz and J. J. Torrens (editors), *Ninth International Conference Zaragoza-Pau on Applied Mathematics and Statistics*, Monografias del Seminario Matematico "Garcia de Galdeano", 33, Prensas Universitarias de Zaragoza, 2006
- R. Arcangéli, M. C. López de Silanes, J.J. Torrens, *Multidimensional Minimizing Splines. Theory and Applications*, Kluwer Academic Publishers, 2004
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- J.I. Cogolludo and V. Florens, Twisted Alexander polynomial of plane algebraic curves, *Journal of London Math. Society*, 76(1): 105-121, 2007
- G. Aguilar and L. Lévi and M. Madaune-Tort, Coupling of multidimensional parabolic and hyperbolic equations, *J. Hyperbolic Differ. Equ.*, 3(1): 53-80, 2006

Articles in conferencesacts with reading committee

- Lopez de Silanes, M.; Palacios, M.; Sanz, G.; Ahusborde, E. & Amrouche, C.: Twelfth International Conference Zaragoza-Pau on Mathematics: *Prensas Universitarias de Zaragoza*. 39, S. Prensas Universitarias de Zaragoza, 2014.
- G. Aguilar and M. Madaune-Tort, Analysis of a coupled parabolic-hyperbolic problem, in *Ninth International Conference Zaragoza-Pau on Applied Mathematics and Statistics*, pages 387-394, Monogr. Semin. Mat. Garcia Galdeano, 33, Prensas Univ. Zaragoza, 2006.