

LIST OF PUBLICATIONS

A – SCIENTIFIC ARTICLES

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- [A-17] P. Colli & M. Grasselli, *Parabolic perturbation of a nonlinear hyperbolic problem arising in physiology*, J. Differential Equations **101** (1993), 178-212.
- [A-18] P. Colli, *Mathematical study of an evolution problem describing the thermo-mechanical process in shape memory alloys*, Atti Accad. Naz. Lincei Cl. Sci. Fis. Mat. Natur. Rend. (9) Mat. Appl. **2** (1991), 55-64.
- [A-19] P. Colli, *Global existence for a second-order thermo-mechanical model of shape memory alloys*, J. Math. Anal. Appl. **168** (1992), 580-595.
- [A-20] P. Colli & J. Sprekels, *Global existence for a three-dimensional model for the thermo-mechanical evolution of shape memory alloys*, Nonlinear Anal. **18** (1992), 873-888.
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C – CONTRIBUTED PAPERS AND PROCEEDINGS

- [C–1] P. Colli, V. Comincioli, G. Naldi & C. Reggiani, *Mathematical modelling for contracting muscle*, in BIOMATHEMATICS AND RELATED COMPUTATIONAL PROBLEMS, L.M. Ricciardi (ed.), Kluwer Acad. Publ., Dordrecht 1988, pp. 603-613.
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- [C-9] P. Colli & M. Grasselli, *Nonlinear parabolic problems modelling transition dynamics with memory*, in ELLIPTIC AND PARABOLIC PROBLEMS, PONT-À-MOUSSON 1994, C. Bandle, J. Bemelmans, M. Chipot, J. Saint Jean Paulin & I. Shafrir (ed.), Pitman Res. Notes Math. Ser. **325**, Longman Sci. Tech., Harlow 1995, pp. 82-97.
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- [C–16] E. Bonetti, P. Colli & M. Frémond, *Entropy balance versus energy balance – Application to the heat equation and to phase transitions*, in MECHANICAL MODELLING AND COMPUTATIONAL ISSUES IN CIVIL ENGINEERING, M. Frémond & F. Maceri (ed.), Lect. Notes Appl. Comput. Mech. **23**, Springer-Verlag, Berlin 2005, pp. 379–388.
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E – EDITED BOOKS OR VOLUMES

- [E–1] L. Ambrosio, K. Deckelnick, G. Dziuk, M. Mimura, V.A. Solonnikov & H.M. Soner, MATHEMATICAL ASPECTS OF EVOLVING INTERFACES, Lectures given at the C.I.M.–C.I.M.E. joint Euro–Summer School held in Funchal, July 3–9, 2000. Edited by P. Colli and J.F. Rodrigues, Lecture Notes in Mathematics **1812**, Springer-Verlag, Berlin; Centro Internazionale Matematico Estivo (C.I.M.E.), Florence, 2003.
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- [E–4] P. Colli, A. Damlamian, N. Kenmochi, M. Mimura & J. Sprekels (ed.), PROCEEDINGS OF INTERNATIONAL CONFERENCE ON: NONLINEAR PHENOMENA WITH ENERGY DISSIPATION. MATHEMATICAL ANALYSIS, MODELING AND SIMULATION, GAKUTO International Series. Mathematical Sciences and Applications **29**, Gakkōtoshō, Tokyo 2008.
- [E–5] P. Colli, I. Mueller & A. Visintin, *Special issue: Symposium on Trends in Applications of Mathematics to Mechanics (STAMM) 2008*, Editorial, Contin. Mech. Thermodyn. **21** (2009), 83.

P – PREPRINTS

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