

I.1- Articles scientifiques publiés dans journaux ou revues nationales / internationales à comité de lecture – TOUS 2013 - 2018

2013

1. C. Audouze, F. De Vuyst, P. B. Nair. ***Nonintrusive reduced-order modeling of parametrized time-dependent partial differential equations.*** NUMERICAL METHODS FOR PARTIAL DIFFERENTIAL EQUATIONS, 29(5):1587–1628, SEP 2013. DOI:10.1002/num.21768
2. J.-M. L. Bernard. ***On the scattering by a cavity in an impedance plane in three dimensions: boundary integral equations and novel Green's function.*** QUARTERLY JOURNAL OF MECHANICS AND APPLIED MATHEMATICS, 66(4):609–640, NOV 2013. DOI: 10.1093/qjmam/hbt020
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4. A. Borghi, J. Darbon, S. Peyronnet, T. F. Chan, S. Osher. ***A simple compressive sensing algorithm for parallel many-core architectures.*** JOURNAL OF SIGNAL PROCESSING SYSTEMS FOR SIGNAL IMAGE AND VIDEO TECHNOLOGY, 71(1):1–20, APR 2013. DOI: 10.1007/s11265-012-0671-9
5. L. Boudin, B. Grec, M. Pavic, F. Salvarani. ***Diffusion asymptotics of a kinetic model for gaseous mixtures.*** KINETIC AND RELATED MODELS, 6(1):137–157, MAR 2013. DOI: 10.3934/krm.2013.6.13
6. J.-P. Braeunig, D. Chauveheid, J.-M. Ghidaglia. ***A totally Eulerian finite volume solver for multi-material fluid flows III: The low Mach number case.*** EUROPEAN JOURNAL OF MECHANICS B-FLUIDS, 42:10–19, NOV-DEC 2013. DOI: 10.1016/j.euromechflu.2013.06.007
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9. A. Calsina, S. Cuadrado, L. Desvillettes, G. Raoul. ***Asymptotics of steady states of a selection-mutation equation for small mutation rate.*** PROCEEDINGS OF THE ROYAL SOCIETY OF EDINBURGH SECTION A-MATHEMATICS, 143(6):1123–1146, DEC 2013. DOI: 10.1017/S0308210510001629
10. F. Carbone, D. Dutykh, J. M. Dudley, F. Dias. ***Extreme wave runup on a vertical cliff.*** GEOPHYSICAL RESEARCH LETTERS, 40(12):3138–3143, JUN 2013. DOI: 10.1002/grl.50637
11. L. Chamoin, L. Desvillettes. ***Control of modeling errors in the coupling of linear transport and diffusion models.*** COMPUTER METHODS IN APPLIED MECHANICS AND ENGINEERING, 261:83–95, JUL 2013. DOI: 10.1016/j.cma.2013.04.004
12. N. Charon, A. Trouvé. ***The varifold representation of nonoriented shapes for diffeomorphic registration.*** SIAM JOURNAL ON IMAGING SCIENCES, 6(4):2547–2580, 2013. DOI: 10.1137/130918885
13. A. Ciomaga, J.-M. Morel. ***A proof of equivalence between level lines shortening and curvature motion in image processing.*** SIAM JOURNAL ON MATHEMATICAL ANALYSIS, 45(3):1047–1067, 2013. DOI: 10.1137/11082347X
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15. S. Clémenton, M. Depecker, N. Vayatis. ***Ranking forests.*** JOURNAL OF MACHINE LEARNING RESEARCH, 14:39–73, JAN 2013.
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2014

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