

1. Produits et activités de la recherche de l'Unité

1.1 Production de connaissances et activités concourant au rayonnement et à l'attractivité scientifique de l'Unité

1.1.1. Journaux, revues

Articles publiés dans des revues à comité de lecture

- [1] D. ABBASZADEH, A. Bresch, D. DESJARDINS et E. GRENIER : Asymptotic production behavior in waterflooded oil reservoirs : Decline curves on a simplified model. *Eur. J. Mech. B/Fluid*, (43):131–134, 2014.
- [2] M. ABDYKARIM, J. BERGER, D. DUTYKH, L. SOUDANI et A. AGBOSSOU : Critical assessment of efficient numerical methods for a long-term simulation of heat and moisture transfer in porous materials. *Int. J. Therm. Sci.*, Accepted:1–35, 2019.
- [3] Mounia ACHOCH, Rodrigo DORANTES-GILARDI, Chris WYMAN, Giovanni FEVERATI, Kave SALAMATIAN, Laurent VUILLON et Claire LESIEUR : Protein structural robustness to mutations : an in silico investigation. *Phys. Chem. Chem. Phys.*, 18:13770–13780, 2016.
- [4] Alexandre AKSENOV : Counting solutions without zeros or repetitions of a linear congruence and rarefaction in b-multiplicative sequences. *J. Théo. Nombres Bordeaux*, 27:625–654, 2015.
- [5] Bilal AL TAKI : Global well posedness for the ghost effect system. *Commun. Pure Appl. Anal.*, 16(1):345–368, 2017.
- [6] Aurélien ALFONSI, Céline LABART et Jérôme LELONG : Stochastic Local Intensity Loss Models with Interacting Particle Systems. *Mathematical Finance*, 26(2):366–394, avril 2016.
- [7] K. AMMARI et S. GERBI : Interior feedback stabilization of wave equations with dynamic boundary delay. *ZAA-Zeitschrift für Analysis und ihre Anwendungen*, 36(3):297–327, 2017.
- [8] Thomas BARTHELMÉ, Bruno COLBOIS, Mickaël CRAMPON et Patrick VEROVIC : Laplacian and spectral gap in regular Hilbert geometries. *Tohoku Math. J. (2)*, 66(3):377–407, 2014.
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- [12] J. BERGER et D. DUTYKH : Evaluation of the reliability of building energy performance models for parameter estimation. *Computational technologies*, 24(3):4–32, 2019.
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- [15] J. BERGER, D. DUTYKH, N. MENDES et B. RYSBAIULY : A new model for simulating heat, air and moisture transport in porous building materials. *Int. J. Heat Mass Transf.*, 134:1041–1060, may 2019.
- [16] J. BERGER, S. GASPARIN, D. DUTYKH et N. MENDES : Accurate numerical simulation of moisture front in porous material. *Building and Environment*, 118:211–224, jun 2017.
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