

Lista de lucrări științifice

Anca – Mădălina Dobrovăț

Articole publicate în jurnale:

- A.M. Dobrovat, C. Dascalu, S. Hall - "Computational modeling of damage based on micro-crack kinking", International Journal for Multiscale Computational Engineering, 13(3), p.201-217, 2015.
- A.M. Dobrovat, C. Dascalu, G. Bilbie, M.T. Nguyen, "Size effects for micro-fractured bodies under compressive loading", Theoret. Appl. Mech., Vol.38, No.4, pp. 347–364, 2011.
- Dascalu, C. , Dobrovat, A.M., Tricarico, M., "On a 3D Micromechanical Damage Model", International Journal of Fracture, 2010, Vol. 166, Numbers 1-2, pag. 153-162.

Articole publicate în analele conferințelor (Proceedings):

- C. Dascalu, A. Dobrovat, "Multiscale modelling of damage based on micro-crack kinking", Euromech Colloquium 537 (Multi-scale Computational Homogenization of Heterogeneous Structures and Materials), 26 – 28 March 2012, Marne-la-Vallée, France.
- Dobrovat, A.M. , Dascalu, C., Hall, S., "Modelling of damage evolution by a two – scale homogenisation approach: application to geomechanical modelling of reservoir exploitation", EAGE, SPE-EUROPEC, June 2010, Barcelona, Spain.

Conferințe (Prezentări):

- A.M. Dobrovat, C. Dascalu, B. François, S. Hall, "A two-scale time-dependent damage approach based on non-planar growth of micro-cracks", First international conference on Multi-scale Modelling, September 2010, Paris, France.
- Dobrovat, A.M., Dascalu, C., Hall, S., "A micro - scale model of quasi - brittle evolution of damage", ALERT Geomaterials, October 2009, Aussois, France.
- Dascalu, C. , Dobrovat, A.M., Francois, B., "A Two - Scale Model for Damage in Solids: Material Lengths and Size Effects", ESMC, September 2009, Lisbon, Portugal.