

Publications de l'Axe 1- 2014

Naman Recho 2014

Revue à comité de lecture et à diffusion internationale

Z.R. Niu, R.Y.Ge, N. Recho, C.Z.Cheng, Z.J.Hu. " Evaluation of plastic stress singularities of plane V-notches and cracks in hardening materials "

Revue : Sci Sin-Phys Mech Astron 2014, Vol. 44 Issue (1): 79-90

A. Makke, N. Recho "Comparison between Local and Global Crack Criteria of Crack Initiation Under Mixed Mode"

Revue: Procedia Materials Science, Volume 3, 2014, Pages 90-96

N. Recho, L. Chin Foo, M. Faraldi, T. Lassen "Fatigue Design of Cruciform Joints including V-notch Effect at the Weld Toe

Revue: Procedia Materials Science, Volume 3, 2014, Pages 97-103

J.M. Nianga, N. Recho " Hamiltonian Approach to Piezoelectric Fracture"

Revue: Procedia Materials Science, Volume 3, 2014, Pages 318-324

C.Z.Cheng, Z.Han, S.Yao, Z.R. Niu, N. Recho." Analysis of heat flux singularity at 2D notch tip by singularity analysis method combined with boundary element technique"

Revue: Engineering Analysis with Boundary Elements. Volume 46, 2014, Pages 1-9

Colloques internationaux avec actes

N. Recho , L. Chin Foo, M. Faraldi " Fatigue life prediction of welded joints as function of their singularity degree using energy release rate".

2nd International Symposium on Fatigue Design and Material Defects (FDMD II) 11, 13 juin 2014 Paris France.

A.Makke, N.Recho "Local and global criteria under mixed mode fracture"

20th European Conference on Fracture (ECF 20) , 30 Juin-4 Juillet 2014, (Trondheim, Norvège).
Procedia Materials Science- Référence MSPRO 139.

J.M. Nianga, N. Recho " Hamiltonian approach to piezoelectric fracture"

20th European Conference on Fracture (ECF 20) , 30 Juin-4 Juillet 2014, (Trondheim, Norvège).
Procedia Materials Science- Référence MSPRO 176.

N. Recho, L. Chin Foo, M. Faraldi, T. Lassen " Fatigue Design of Cruciform Joints including V-Notch Effect at the Weld Toe"

20th European Conference on Fracture (ECF 20) , 30 Juin-4 Juillet 2014, (Trondheim, Norvège).
Procedia Materials Science- Référence MSPRO

Julien Gardan 2014

Revue à comité de lecture et à diffusion internationale

J. Gardan, L. Roucoules "3D printing device for numerical control machine and wood deposition", Int. Journal of Engineering Research and Applications. (2014) 123–131

Ali Makké 2014

Colloques internationaux avec actes

A. Makke, N. Recho “Comparison between Local and Global Crack Criteria of Crack Initiation Under Mixed Mode” *Procedia Materials Science* Volume 3, Pages 90–96 – (2014)

Yazid Madi 2014

Colloques internationaux avec actes

Burgaud, G., Batische, R., Hertz-Clemens, S., Cailletaud, G., Madi, Y., Rousselier, G. “In-service life estimation of damaged gas pipelines: Full-scale experiments and finite element analyses” *FDMD II - JIP 2014 - Fatigue Design & Material Defects*, Volume 12, June 2014.

Y.Madi, Y., Burlot, P., Besson J. “ Effect of plastic constraint on anisotropic ductile fracture in a grade X63 line pipe steel” *ECF 20. Trondheim*, July 2014.