

# Publications de l'Axe 1- 2016

Naman Recho 2016

Livres

Autres Chapitres de livres

Revues à comité de lecture et à diffusion internationale

J.Gardan, A.Makke, N. Recho "A Method to Improve the Fracture Toughness Using 3D Printing by Extrusion Deposition" Revue: Procedia Structural Integrity 2 (2016) pp 144-155

S. El Kabir, R. Moutou Pitti, N. Recho, Y. Lapusta, F. Dubois "Numerical study of crack path by MMCG specimen using M integral" Fracture and Structural Integrity Journal (official Journal of the Italian Group of Fracture) Frattura ed Integrita Strutturale, 35 (2016) 64-73; DOI: 10.3221/IGF-ESIS.35.08

S.L. Yao, C.Z. Cheng, Z.R. Niu, N. Recho " Singularity analysis for 2D and 3D thermo-elastic media containing V-notches ".

Revue: Journal of Thermal Stresses Page 1-11 | Received 25 Feb 2016, Accepted 27 Jun 2016, Published online: 23 Aug 2016

C.Z. Cheng, S.Y. Ge, S.L. Yao, Z.R. Niu, N. Recho " Singularity analysis for a V-notch with angularly inhomogeneous elastic properties". Revue: International Journal of Solids and Structures.Volumes 78-79, January 2016, Pages 138–148

C.Z. Cheng, X.Cheng, Z.R. Niu, N. Recho " Singularity characteristic analysis for magneto-electro-elastic V-notches ".Revue: European Journal of Mechanics A/Solids, Volume 57, May–June 2016, Pages 59-70.

Colloques internationaux avec actes

J.Gardan, A.Makke, N. Recho "A Method to Improve the Fracture Toughness Using 3D Printing by Extrusion Deposition" ECF21, the 21st European Conference on Fracture, Catania, Sicily, Italy, June 20 -24, 2016

S. El Kabir, R. Moutou Pitti, F. Dubois , Y. Lapusta, N. Recho "The three dimensional integral-M for mixed mode crack problems" 15th International Conference on Fracture and Damage Mechanics, Alicante, Spain, 14-16 September, 2016

Colloques nationaux

S. El Kabir, R. Moutou Pitti, F. Dubois , N. Recho, Y. Lapusta « Généralisation 3D des intégrales de contour : application a l'éprouvette DCB » 5<sup>èmes</sup> journées scientifiques du GDR 3544 «Sciences du Bois», 08-10 Novembre, 2016, Bordeaux 6

Julien Gardan 2016

Revues à comité de lecture et à diffusion internationale

J.Gardan, A.Makke, N. Recho "A Method to Improve the Fracture Toughness Using 3D Printing by Extrusion Deposition" Revue: Procedia Structural Integrity 2 (2016) pp 144-155

J. Gardan, "Additive manufacturing technologies: state of the art and trends" Revue : International Journal of Production Research. 54 (2016) 3118–3132. doi:10.1080/00207543.2015.1115909.

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J Gardan, Dc Nguyen, L Roucoules, G Montay, "Characterization of Wood Filament in Additive Deposition to Study the Mechanical Behavior of Reconstituted Wood Products" Revue : Journal of Engineered Fabrics & Fibers (JEFF)

Colloques internationaux avec actes

J.Gardan, A.Makke, N. Recho "A Method to Improve the Fracture Toughness Using 3D Printing by Extrusion Deposition" ECF21, the 21st European Conference on Fracture, Catania, Sicily, Italy, June 20 -24, 2016

Colloques nationaux

Ali Makké 2016

Colloques internationaux avec actes

J. Gardan, A. Makke, N. Recho. "A Method to Improve the Fracture Toughness Using 3D Printing by Extrusion Deposition" Procedia Structural Integrity 2, 144–151 (2016)

Yazid Madi 2016

Revue à comité de lecture et à diffusion internationale

Y. Shinohara, Y. Madi, J. Besson « Anisotropic ductile failure of a high-strength line pipe steel » , International Journal of Fracture 197 (2), 127-145, 2016

Colloques internationaux avec actes

Justification of Weld Overmatch for Strain Based Design Applications, ISOPE, June 26-July 1, 2016, Rhodes

Modeling The 3d Plastic Anisotropy Of Magnesium Az31b Alloy, Ictam, 21-26 August 2016, Montréal

Communication sans acte dans congrès international / national

Ductile fracture of a grade X65 pipeline: base metal, weld metal and full scale test: ECF21, 20-24 June 2016, Catania

On the Origin of the Anisotropic Damage of X100 Line Pipe Steel using 3D in Situsynchrotron-Radiation Tomography Investigation: 3DMS, July 10–13, 2016, Chicago