

Filip Šiška: seznam publikací

1. Jarir Aktaa, Filip Šiška
Assessment of defects in EUROFER 97 first wall/blanket structures taking into account its viscoplastic behavior
Fusion Engineering and Design, In Press Corrected proof
2. Filip Šiška, Jarir Aktaa
Validation of R5 assessment procedure for ITER test blanket module by finite element analysis
Fusion Engineering and Design, Volume 85, Issue 2, April 2010, pp. 215-221
3. Hynek Lauschmann, Filip Šiška
Vývoj konceptu referenční rychlosti pro fraktografii únavových lomů
Únava a lomová mechanika 2010, Žinkovy, April 12-15, 2010
4. Hynek Lauschmann, Petr Augustin, Ondřej Kovařík, Filip Šiška
The reference crack growth rate: an unifying concept for fatigue under variable amplitude loading.
Proc. of the Second Int. Conf. VAL 2. Darmstadt, Germany, March 23-26, 2009, Vol.1, pp. 271-280
5. Filip Šiška, Jarir Aktaa
Defect Assessment Procedures for High Temperature Applications
FZKA 7450, Forschungszentrum Karlsruhe, July 2009
6. Filip Šiška, Daniel Weygand, Samuel Forest, Peter Gumbsch
Comparison of mechanical behaviour of thin film simulated by discrete dislocation dynamics and continuum crystal plasticity
Computational Materials Science, Volume 45, Issue 3, May 2009, pp. 793-799
7. Filip Šiška, Samuel Forest and Peter Gumbsch
Simulations of stress-strain heterogeneities in copper thin films: Texture and substrate effects
Computational Materials Science, Volume 39, Issue 1, March 2007, Pp. 137-141
8. Filip Šiška, Samuel Forest, Peter Gumbsch and Daniel Weygand
Finite element simulations of the cyclic elastoplastic behaviour of copper thin films
Modelling Simul. Mater. Sci. Eng. 15 No 1 January 2007, pp. 217-238
9. Filip Šiška
Rugosité à la surface de films minces multicristallins induite par la déformation plastique sous chargement cyclique
Proceedings of 3M colloque 'Interfaces : de l'atome au polycristal', CEA Saclay 2006
10. Hynek Lauschmann, Jan Siegl, Jiří Šumbera, Filip Šiška and Ivan Nedbal
An unifying concept for fatigue: The reference crack growth rate
Materials Characterization, Volume 56, Issues 4-5, June 2006, pp. 257-265
11. Hynek Lauschmann, Jan Siegl, Jiří Šumbera, Filip Šiška, Ivan Nedbal
Common Features of Fatigue Fracture Surfaces Created by Different Loading Sequences
Proceedings of CTU Workshop 2006, Part A. Czech Technical University Prague, pp. 328-329.