

ISSN 8756-758X

Fatigue & Fracture of Engineering Materials & Structures

Volume 24
Number 1
January 2001

Ref: PF 120201/05
FATIGUE & FRACTURE OF ENGINEERING MATERI
01.01.01 Vol. 24 No. 1
8756-758X 22101144
LIBRIS - C2
144 BOULEVARD KRIM BELKACEM
ALGER
ALGERIE
Df: 2774518-
03.07.01

b

Blackwell
Science



Synergy

Published in co-operation with:
American Society for Testing & Materials
ASTM Committee E08 on Fatigue & Fracture
and The European Structural Integrity Society

<http://www.blackwellscience.com/ffe/>

Contents

Original articles

- 1 *S.-H. Choi, B.-G. Song, K.-J. Kang and N. A. Fleck*
Fracture of a ductile layer constrained by stiff substrates
- 15 *M. H. Kelestemur and T. K. Chaki*
The effect of overload on the fatigue crack growth behaviour of 304 stainless steel in hydrogen
- 23 *T. Auzanneau, C. Froustey and J.-L. Lataillade*
Acceptable prior fatigue damage and failure threshold for impact loading of an aluminium alloy
- 33 *J.-B. Vogt, O. Boussac and J. Foct*
Prediction of fatigue resistance of a hot-dip galvanized steel
- 41 *M. Guagliano and L. Vergani*
Mode I stress intensity factors for curved cracks in gears by a weight functions method
- 53 *R. M. Andrews and S. J. Garwood*
An analysis of fracture under biaxial loading using the non-singular T -stress
- 63 *M. E. Haque and K. V. Sudbakar*
ANN based prediction model for fatigue crack growth in DP steel
- 69 *G. M. Seed*
Stress intensity factors for a surface-breaking crack in a half-plane subject to contact loading

Technical note

- 81 *B. Skallerud and Z. L. Zhang*
On numerical analysis of damage evolution in cyclic elastic-plastic crack growth problems
- 87 Information on conferences/seminars

Fatigue & Fracture of Engineering Materials & Structures

Volume 24
Number 1
January 2001

b

Blackwell
Science



8756-758X(200101)24:1;1-7

Fatigue Fract. Engng Mater. Struct. is indexed/abstracted in Appl. Mech. Rev.; Curr. Cont. ASCA; Camb. Sci. Abstr.; Curr. Cont./Engng Tech. Appl. Sci.; Engng Ind.; INSPEC Data.; Mater. Sci. Cit. Ind.; PASCAL-CNRS Data.; Curr. Cont. SCISEARCH Data and Referativnyi Zhurnal Moscow.

Information on this journal can be accessed at <http://www.blackwell-science.com/ffe/>

Typeset, Printed and Bound by The Charlesworth Group, Huddersfield, UK.