

Fatigue & Fracture of Engineering Materials & Structures

Editor-in-Chief: K. J. Miller

Associate Editors-in-Chief: Y. Murakami & D.F. Socie

Ref: C 2 PF 171198/01 Df: 2774518-
FATIGUE & FRACTURE OF ENGINEERING MATERI
01.10.99 Vol. 22 No. 10
8756-758X 22101144 18.10.99
LIBRIS
144 BOULEVARD KRIM BELKACEM
ALGER
ALGERIE

Published in co-operation with:

American Society for Testing & Materials ASTM Committee E08 on Fatigue & Fracture
& The European Structural Integrity Society

<http://www.blackwell-science.com/ffe/>

b
Blackwell
Science

Fatigue & Fracture of Engineering Materials & Structures

Volume 22 Number 10 October 1999

Contents

Original articles

- 835 *F. Ellyin and J. Wu*
A numerical investigation on the effect of an overload on fatigue crack opening and closure behaviour
- 849 *G. Z. Wang, H. J. Wang and J. H. Chen*
Effects of notch geometry on the local cleavage fracture stress σ_f
- 859 *J. H. Lee, Y. J. Kim and K. B. Yoon*
An interpretation of the C_t parameter for increasing load conditions
- 869 *I. Takahashi, M. Usbijima, A. Takada, S. Akiyama and H. Maenaka*
Fatigue behaviour of a box-welded joint under biaxial cyclic loads
- 879 *M. Skorupa, J. Schijve, A. Skorupa and T. Machniewicz*
Fatigue crack growth in a structural steel under single and multiple periodic overload cycles
- 889 *H.-S. Yu, E.-G. Na and S.-H. Chung*
Assessment of stress corrosion cracking susceptibility by a small punch test
- 897 *K. Ando, M. C. Chu, F. Yao and S. Sato*
Fatigue strength of crack-healed $\text{Si}_3\text{N}_4/\text{SiC}$ composite ceramics
- 905 *M. Skorupa*
Load interaction effects during fatigue crack growth under variable amplitude loading—a literature review. Part II: qualitative interpretation
- 927 Information on conferences/seminars
- 930 ESIS awards

b

Blackwell
Science



8756-758X(199910)22:10;1-T

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 Referantivnyi 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