

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
01.12.99 Vol. 22 No. 12
8756-758X 22101144 11.01.00
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

Fatigue & Fracture of Engineering Materials & Structures

Volume 22 Number 12 December 1999

Contents

Original articles

- 1023 *S. A. Shesterikov, M. A. Yumasheva, M. V. Yumashev and S. Yu. Lebedev*
Thermal failure under conditions of restrained deformation
- 1029 *T. Hoshida and H. Hiramatsu*
A microstructural approach to flaw size dependence of strength in engineering ceramics
- 1041 *G. Wheatley, X. Z. Hu and Y. Estrin*
Effects of a single tensile overload on fatigue crack growth in a 316L steel
- 1053 *E. Macha and C. M. Sonsino*
Energy criteria of multiaxial fatigue failure
- 1071 *N. A. Noda and Y. Takase*
Stress concentration formulae useful for any shape of notch in a round test specimen under tension and under bending
- 1083 *S. Zhou and A. Turnbull*
Influence of pitting on the fatigue life of a turbine blade steel
- 1095 *C. A. Costa and F. L. Bastian*
Fracture control assessment in the base metal and welded joint of a pipeline steel
- 1103 *K. Nam*
Acoustic emission from surface fatigue cracks in SS41 steel
- 1111 Information on conferences/seminars
- 1114 ESIS Awards 1998
- 1115 Author index

b



Blackwell
Science

8756-758X (199912) 22:12;1-P

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