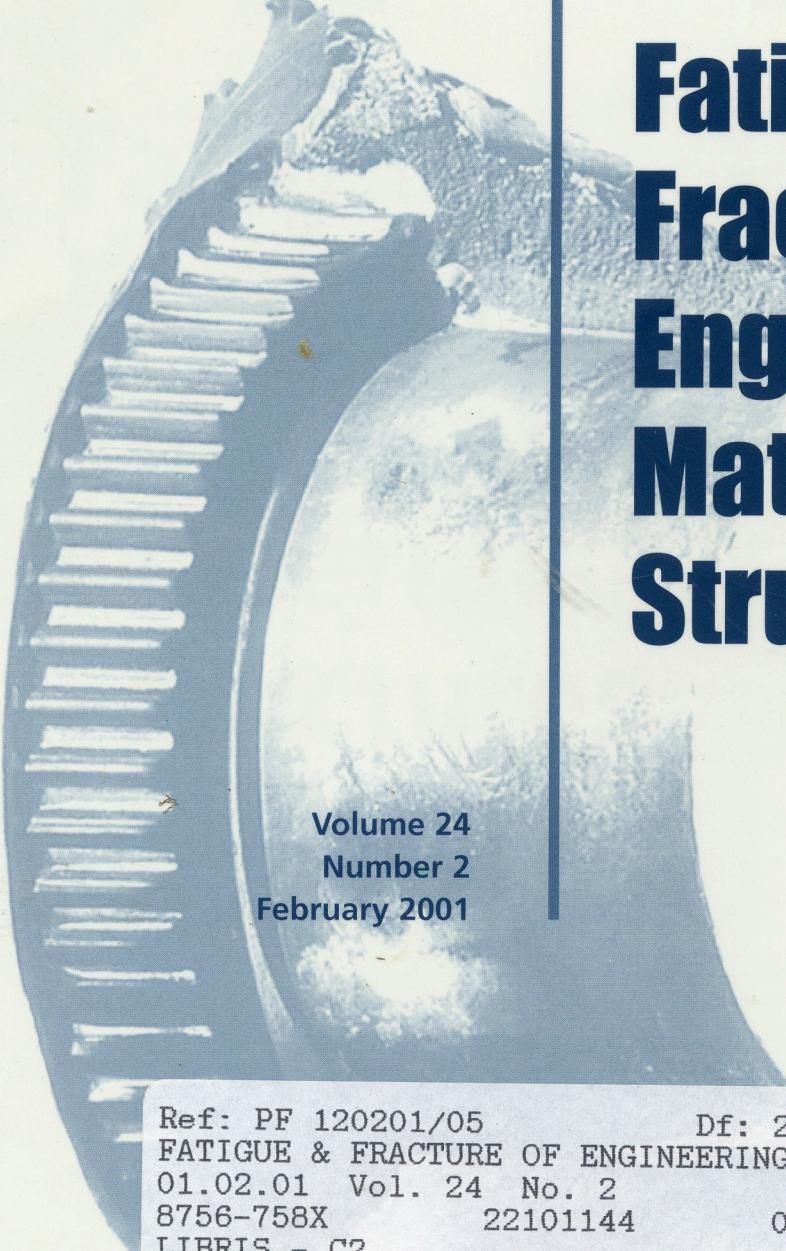


ISSN 8756-758X



Fatigue & Fracture of Engineering Materials & Structures

Volume 24
Number 2
February 2001

Ref: PF 120201/05 Df: 2774518-
FATIGUE & FRACTURE OF ENGINEERING MATERI
01.02.01 Vol. 24 No. 2
8756-758X 22101144 03.07.01
LIBRIS - C2
144 BOULEVARD KRIM BELKACEM
ALGER
ALGERIE

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.blackwell-science.com/ffe/>

Contents

- 91 *M. Brown, I. Howard, E. A. Patterson and J. Yates*
Editorial

Original articles

- 93 *I. Lillamand, L. Barrallier, B. Lalanne and L. Castex*
Cyclic modelling of the mechanical state produced by
shot-peening
- 105 *E. Bouyne, P. Joly, B. Houssin, C. S. Wiesner and A. Pineau*
Mechanical and microstructural investigations into the crack
arrest behaviour of a modern 2^{1/4} Cr-1 Mo pressure vessel
steel
- 117 *U. Brandt, F. V. Lawrence and C. M. Sonsino*
Fatigue crack initiation and growth in AlMg4.5Mn butt
weldments
- 127 *F. V. Antunes, J. M. Ferreira, C. M. Branco and J. Byrne*
Influence of stress state on high temperature fatigue crack
growth in Inconel 718
- 137 *D. J. Smith, M. R. Ayatollahi and M. J. Pavier*
The role of T-stress in brittle fracture for linear elastic
materials under mixed-mode loading
- 151 Information on conferences/seminars

Fatigue & Fracture of Engineering Materials & Structures

Volume 24
Number 2
February 2001

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.

b

Blackwell
Science



8756-758X (200102) 24:2;1-3