

Contents

Original Articles

A two-parameter approach to assess effects of constraint in cracks located at geometrical discontinuities	274
GVP Donato, JMA Rebello and C Ruggieri	
Formability of adhesive-bonded steel sheets with artificial finite adhesive defects	286
V Satheeshkumar and RG Narayanan	
Measurement of local relative displacements in large structures	301
A Tesauro, MA Eder and M Nielsen	
Volume change in polyetheretherketone under compression loads over wide ranges of strain	
rate and temperature	315
Z El-Qoubaa and R Othman	
A generalized cycle counting criterion for arbitrary multi-axial fatigue loading conditions	325
Z Wei and P Dong	
Determination of the constants of material models at high strain rates and elevated temperatures	
using shot impact test	342
G-H Majzoobi, AR Hosseinkhani, S Lahmi, MK Pipelzadeh and SJ Hardy	
Some analytical and numerical expressions for evaluation of the critical J-integral in plates with	
blunt V-notches under Mode I loading	352
F Noori-Azghad, H Khademizadeh and E Barati	

Review Article

A critical assessment of automatic photoelastic methods for the analysis of edge residual stresses in glass	361
A Ajovalasit, G Petrucci and M Scafidi	