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Nota di contenuto	Fretting in Steel Ropes and Cables - A Review / RB Waterhouse -- A Global Methodology to Quantify Fretting Damages / S Fouvry, P Kapsa, L Vincent -- Observations and Analysis of Relative Slip in Fretting Fatigue / T Nishida, K Kondoh, J-Q Xu, Y Mutoh -- Fretting Fatigue Initial Damage State to Cracking State: Observations and Analysis / PN Clark, DW Hoepfner -- Observations and Analysis of Fretting Fatigue Crack Initiation and Propagation / Y Mutoh, J-Q Xu, K Kondoh -- Stress Intensity Factors and of Oblique Through Thickness Cracks in a Semi-Infinite Body Under Fretting Fatigue Conditions / T Kimura, K Sato -- Characterization of Fretting Fatigue Process Volume Using Finite Element Analysis / DR Swalla, RW Neu -- A Critical Assessment of Damage Parameters for Fretting Fatigue / M Ciavarella, D Dini, GP Demelio -- An Estimation of Life in Fretting Fatigue Using an Initiation-Propagation Model / C Navarro, M Garcia, J Dominguez -- Application of Multiaxial Fatigue Parameters to Fretting Contacts with High Stress Gradients / D Nowell, JA Araujo -- A Theoretical and Experimental Procedure for Predicting the Fretting Fatigue Strength of Complete Contacts / A Mugadu, DA Hills, L Limmer -- Improvement of Fretting Fatigue Strength by Using Stress-Release Slits / T Hattori, M Nakamura, T Watanabe -- Effect of Contact Pressure on Fretting Fatigue in Type 316L Stainless Steel / K Nakazawa, N Maruyama, T Hanawa -- Influence of Nonhomogeneous Material in Fretting Fatigue / C-H Goh, RW Neu,

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Sommario/riassunto

Contains 29 contributions drawn from the Third International Symposium on Fretting Fatigue held in Nagaoka, Japan in May 2001. Sections of the volume address fretting wear and crack initiation; fretting fatigue crack and damage; life prediction; fretting fatigue parameter effects; loading condition.
