Damage And Fracture Mechanics

DOWNLOAD HERE

Acknowledgments; Editors Biographies; Foreword; Preamble; Determination of the Hardness of the Oxide Layers of 2017A Alloys, by Chahinez Fares, Taoufik Boukharouba, Mohamed El Amine Belouchrani, Abdelmalek Britah and Moussa Nait Abdelaziz; Effect of Non-Metallic Inclusions on Hydrogen Induced Cracking, by Mimoun Elboujdaini and Winston Revie; Defect Assessment on Pipe Transporting a Mixture of Natural Gas and Hydrogen, by Guy Pluvinage; Reliability Analysis of Low Alloy Ferritic Piping Materials, by A. Guedri, B. Merzoug, Moe Khaleel and A. Zeghloul; Experimental Characterization and Effect of the Triaxiality on the Behavior of the HDPE, by K. Hachour, R. Ferhoum, M. Aberkane, F. Zairi and M. Nait Abdelaziz; Effects of Aggressive Chemical Environments on Mechanical Behavior of Polyethylene Piping Material, by Souheila Rehab-Bekkouche, Nadjette Kiass and Kamel Chaoui; Hydrogen Embrittlement Enhanced by Plastic Deformation of Super Duplex Stainless Steel, by A. Elhoud, N. Renton and W. Deans; Hydrogen Effect on Local Fracture Emanating From Notches in Pipeline Steels, by Julien Capelle, Igor Dmytrakh, Joseph Gilgert and Guy Pluvinage; Reliability Assessment of Underground Pipelines under Active Corrosion Defects, by A. Amirat, A. Benmoussat and K. Chaoui; An Overview of the Applications of NDI/NDT in Engineering Design for Structural Integrity and Damage Tolerance in Aircraft Structures, by A.M. Abdel-Latif; Improvement in the Design of Automobile Upper Suspension Control Arms Using Aluminum Alloys, by M. Bouazara; Performances of Vehicles Active Suspensions, by Nadhira Kheznadji Messaoud-Nacer; Damaging Influence of Cutting Tools on the Manufactured Surfaces Quality, by Idriss Amara, Embarek Ferkous and Fayal Bentaleb; Design and Test of a Sandwich T-Joint for Naval Ships, by Lotfi Hamitouche, Mostapha Tarfaoui and Alain Vautrin; Vibroacoustic Sources Identification of Gear Mechanism Transmission, by Abbassia Derouiche, Nacer Hamzaoui and Taoufik Boukharouba; Prediction of Structural and Dynamic Behaviors of Impacted Plates, by Miloudi Abdelhamid and Neder Mahmoud; Application of Structural INTegrity Assessment Procedure to Nuclear Power Plant Component, by Nenad Gubeljak and Jozef Predan; Failure Assessment Diagrams in Structural Integrity Analysis, by Yu. G. Matvienko; Degradation and Failure of Some Polymers (Polyethylene and Polyamide) for Industrial Applications, by Boubaker Bounamous and Kamel Chaoui;

On the Structural Integrity of the Nano-PVD Coatings Applied on Cutting Tools, by Miroslav Piska, Ales Polzer, Petra Cihlarova and Dagmar Stankova; Investigation of Energy Balance in Nanocrystalline Titanium under Cyclic Loading, by O. Plekhov, O. Naimark, R. Valiev and I. Semenova; Behavior of Stainless Steel 316L under Impact Test, by M. Benachour, A. Hadjoui and F.Z. Seriari; Spall Fracture in ARMCO Iron: Structure Evolution and Spall Strength, by Oleg Naimark, Sergey Uvarov and Vladimir Oborin; Damage Modelling of Impacted Tubular Structures by Using Material Property Degradation Approach, by Mostapha Tarfaoui, Papa Birame Gning and Francis Collombet; Fracture Control for Northern Pipelines, by W.R. Tyson; The Influence of the Interface on Fracture Parameters, by L. Marsavina and T. Sadowski; Crack Propagation in the Vicinity of the Interface Between Two Elastic Materials, by Lubo Nhlk, Lucie estkov and Pavel Hutar; Fracture Behaviour of TiAl Intermetalics, by Ivo Dlouh, Zdenek Chlup, Hynek Hadraba and Vladislav Kozk; Numerical and Experimental Investigations of Mixed Mode Fracture in Granite Using Four-Point-Bend Specimen, by M.R.M. Aliha, M.R. Ayatollahi and B. Kharazi; Experimental and Numerical Determination of Stress Intensity Factors of Crack in Plate with a Multiple Holes, by S. Belamri, T. Tamine and A. Nemdili; Dynamic Response of Cracked Plate Subjected to Impact Loading Using the Extended Finite Element Method (X-FEM), by R. Tiberkak, M. Bachene, B.K. Hachi, S. Rechak and M. Haboussi; On Heteroge EAN/ISBN: 9789048126699 Publisher(s): Springer Netherlands Format: ePub/PDF Author(s): Elboujdaini, Mimoun - Pluvinage, Guy

DOWNLOAD HERE

Similar manuals: