1. Record Nr. UNINA9910785308403321

Autore	Ellisor John T
Titolo	The Second Creek War [[electronic resource]] : interethnic conflict and collusion on a collapsing frontier / / John T. Ellisor
Pubbl/distr/stampa	Lincoln, Neb., : University of Nebraska Press, c2010
ISBN	1-283-05100-1 9786613051004 0-8032-3421-X
Descrizione fisica	1 online resource (508 p.)
Collana	Indians of the Southeast
Disciplina	973.5/6
Soggetti	Creek War, 1836 Southwest, Old Ethnic relations
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Creek politics and confinement in new Alabama -- The Cusseta Treaty of 1832 -- Commodifying the Creek domain -- Resistance -- Rebellion -- The federal response -- Flight through southern Georgia -- Recriminations -- The war revives in new Alabama -- Seeking refuge in west Florida -- Epilogue: The legacy of the Second Creek War.
Sommario/riassunto	Historians have traditionally viewed the "Creek War of 1836" as a minor police action centered on rounding up the Creek Indians for removal to Indian Territory. Using extensive archival research, John T. Ellisor demonstrates that, in fact, the Second Creek War was neither brief nor small. Indeed, armed conflict continued long after "peace" was declared and the majority of Creeks had been sent west.

2. Record Nr. UNINA9910785545903321

Autore	Kutz Myer
Titolo	Handbook of environmental degradation of materials [[electronic resource] /] / edited by Myer Kutz
Pubbl/distr/stampa	Amsterdam ; ; Boston, : Elsevier / WA, 2012
ISBN	1-4377-3456-1
Edizione	[2nd ed.]
Descrizione fisica	1 online resource (933 p.)
Altri autori (Persone)	KutzMyer
Disciplina	620.1 620.1/122 620.11223
Soggetti	Materials - Effect of environment on Environmental degradation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Front Cover; Handbook of Environmental Degradation of Materials; Copyright Page; Contents; Preface to the Second Edition; Preface to the First Edition; One: Analysis; 1 Analysis of Failures of Metallic Materials Due to Environmental Factors; Chapter Outline; 1.1 Introduction; 1.2 Classification of Failures; 1.2.1 Material/Manufacturing-Related Causes; 1.2.2 Environment-Related Causes; 1.2.3 Environment-Related Categories; 1.2.4 Environmentally Induced Failures; 1.3 Analysis of Failures; 1.3.1 SITE Visit; 1.3.2 Testing of Samples; 1.3.3 Analysis, Interpretation, and Diagnosis of the Failure 1.3.4 Submission of Failure Analysis Report1.4 Case Histories of Environmental-Related Failures; 1.4.1 Failure of A Natural Gas Feed Preheater in a Fertilizer Plant; 1.4.2 Failure of a Reformer Tube in a Fertilizer Plant; 1.4.3 Failure of a Furnace Tube in a Petrochemical Plant; 1.4.4 Failure of Plate Elements in a Plate Type Heat Exchanger in a Sulfuric Acid Plant; 1.4.5 Failure of Tubes in an Alcohol Superheater in a Petrochemical Plant; 1.4.6 Failure of Package Boiler Tubes in an Alcohol Distillery; 1.5 Conclusions; References; 2 Laboratory Assessment of Corrosion; Chapter Outline 2.1 Introduction2.2 Immersion Tests; 2.2.1 Corrosion Testing; 2.2.2 Environmentally Assisted Cracking; 2.2.3 Other Tests and Factors; 2.3 Cabinet Tests; 2.4 Electrochemical Tests; 2.5 Conclusions;

Bibliography; References; 3 Lifetime Predictions of Plastics; Chapter Outline; 3.1 Introduction; 3.2 Master Curves; 3.3 Chemical Kinetics; 3.4 Thermal Decomposition Experiments; 3.5 Mechanical Experiments; 3.6 Miscellaneous Experimentation; 3.7 Summary; References; Two: Types of Degradation; 4 Electrochemical Corrosion; Chapter Outline; 4.1 Introduction; 4.2 Electrochemical Thermodynamics
4.2.1 Electrochemical Reactions, the Electrochemical Cell, and the Gibb's Free-Energy Change4.2.2 The Generalized Cell Reaction; 4.2.3 The Nernst Equation: Effect of Concentration on Equilibrium Half-Cell Potential; 4.2.4 Examples of Electrochemical Cell Calculations in Relationship to Corrosion; 4.2.4.1 Example 1; 4.2.4.2 Example 2; 4.2.4.3 Example 3; 4.2.5 Graphical Representation of Electrochemical Equilibrium: Pourbaix Diagrams; 4.3 Electrochemical Kinetics and Corrosion Processes; 4.3.1 The Elementary Electrochemical Corrosion Circuit; 4.3.2 Types of Polarization Behavior
4.3.3 Faraday's Law4.4 Experimental Polarization Curves; 4.5 Examples of Electrochemical Corrosion Measurements and Characterizations; 4.5.1 Tafel Extrapolation; 4.5.2 Polarization Resistance; 4.5.3 Cyclic-Anodic-Polarization Behavior Relative to Localized Corrosion; 4.6 Summary; References; 5 High Temperature Oxidation; Chapter Outline; 5.1 Introduction; 5.2 Criteria of Metal Oxidation; 5.3 Kinetics of Oxidation; 5.3.1 Logarithmic Law; 5.3.2 Parabolic Oxidation; 5.3.3 Linear Equation; 5.4 Techniques Involved in Measuring Oxidation Behavior; 5.5 Measurement of Oxidation Kinetics
5.6 Identification and Characterization of Scales

Sommario/riassunto

Nothing stays the same for ever. The environmental degradation and corrosion of materials is inevitable and affects most aspects of life. In industrial settings, this inescapable fact has very significant financial, safety and environmental implications. The Handbook of Environmental Degradation of Materials explains how to measure, analyse, and control environmental degradation for a wide range of industrial materials including metals, polymers, ceramics, concrete, wood and textiles exposed to environmental factors such as weather, seawater, and fi