1. Record Nr. UNISA996390065403316

Titolo	An Exact and true account of the blowing up of the French magazine of Dunkirk [[electronic resource]] : and the particulars of the taking of five French flutes : laden with ammunition by the Dutch, sailing from the said port for Brest, design'd for Ireland
Pubbl/distr/stampa	London, : Printed for Langley Curtiss, 1690
Descrizione fisica	1 sheet ([2] p.)
Soggetti	Broadsides17th centuryEnglandLondon Great Britain History, Military 1603-1714 Sources
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Caption title. Reproduction of original in Huntington Library.
Sommario/riassunto	eebo-0113

2. Record Nr. UNINA9910796909403321

Autore	Grafe Wolfgang
Titolo	Time-dependent mechanical properties of solids : relaxation of stress and density, strength (fatigue) / / Wolfgang Grafe
Pubbl/distr/stampa	Pfaffikon, Zurich, Switzerland : , : Trans Tech Publications, , 2015 ©2015
ISBN	3-03826-502-0
Descrizione fisica	1 online resource (180 p.)
Collana	Materials Science Foundations ; ; Volume 78
Disciplina	530.41
Soggetti	Solids - Mechanical properties
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 at the end of each chapters.
Nota di contenuto	Relaxation of Stress and Density, Strength (Fatigue); Preface; Table of Contents; 1. Migration Processes Induced in Solids; 2. Stress Relaxation in Glasses; 3. Density Relaxations in Glasses; 4. The Background of Internal Friction; 5. Creep of Steel and the Static Fatigue of Glass; 6. The Activation Energy of the Static Fatigue and Creep; 7. Fatigue due to an Oscillating Load; 8. Statistical Checks of Stromeyer's Fatigue Formula; 9. Models for Defect Growth; 10. Generalized Laws of Strength Degradation; 11. A Compressive Stress Resulting from Tamm's Electronic Surface States 12. Environmental Influences on Fatigue Strength13. The Activation Energy of Creep and the Surface Energy of Solids; 14. Open Questions; A1. Nonlinear Regression; A2. Solutions for the Damped Oscillations 1; A3. Solutions for the Damped Oscillations 2; A4. Harmonics by Stress Relaxation; A5. The Approximate Linearity of Equation (7.9); A6. A Tube-Like Specimen for Fatigue Tests; A7. Inhomogeneous Heating Caused by Internal Friction; A8. The Partial Differential Equation of the Temperature Field in a Cylinder Caused by Internal Friction A9. A Hypothetical Specimen for an Easy Assessment of Induced Compressive Stress
Sommario/riassunto	This treatment of ""Time-Dependent Mechanical Properties of Solids"" beginswith a phenomenological description of the transport of some unspecifiedentity. It is assumed that the transport is caused by mechanical stresses ortemperature fields. Using these assumptions, it

is possible to deduceformulae for a theoretically based description of several phenomena withoutreferring to any specific process or entity. These theoretical results thenprovide the tools for performing methodologically better scientific work andfor a better analysis of data in the practical application of materials. Bypublish