

Table of Contents

Thanks**Preface****Table of Contents****Migration Processes Induced in Solids**

W. Gräfe	1
----------	---

Stress Relaxation in Glasses

W. Gräfe	7
----------	---

Density Relaxations in Glasses

W. Gräfe	17
----------	----

The Background of Internal Friction

W. Gräfe	25
----------	----

Creep of Steel and the Static Fatigue of Glass

W. Gräfe	41
----------	----

The Activation Energy of the Static Fatigue and Creep

W. Gräfe	53
----------	----

Fatigue Due to an Oscillating Load of Steel and Aluminum

W. Gräfe	63
----------	----

Statistical Checks of Stromeier's Fatigue Formula

W. Gräfe	91
----------	----

Models for Defect Growth

W. Gräfe	97
----------	----

Generalized Laws of Strength Degradation

W. Gräfe	105
----------	-----

A Compressive Stress Resulting from Tamm's Electronic Surface States

W. Gräfe	111
----------	-----

The Activation Energy of Creep and the Surface Energy of Solids

W. Gräfe	127
----------	-----

Open Questions

W. Gräfe	135
----------	-----

Nonlinear Regression

W. Gräfe	139
----------	-----

Solutions for the Damped Oscillations 1

W. Gräfe	141
----------	-----

Solutions for the Damped Oscillations 2

W. Gräfe	143
----------	-----

Harmonics by Stress Relaxation

W. Gräfe	147
----------	-----

The Approximate Linearity of Equation (7.9)

W. Gräfe	149
----------	-----

A Tube-like Specimen for Fatigue Tests

W. Gräfe	151
----------	-----

Nomenclature**Subject Index**