

Contents

Volume 7

Preface v

Contents vii

List of contents of Volumes 1–6 ix

33. G. Bertotti, A. Ferro, F. Fiorillo and P. Mazzetti
Electrical noise associated with dislocations and plastic flow in metals 1
 34. V. I. Alshits and V. L. Indenbom
Mechanisms of dislocation drag 43
 35. H. Alexander
Dislocations in covalent crystals 113
 36. B. O. Hall
Formation and evolution of dislocation structures during irradiation 235
 37. G. B. Olson and M. Cohen
Dislocation theory of martensitic transformations 295
- Author index* 409
Subject index 427
Cumulative index 433