

Table of Contents

Preface

Equilibrium Segregation in Interfaces

J. Cabané and F. Cabané 1

Kinetics of Adsorption and Segregation at Gas-Solid Interfaces

Z. Adamczyk and J. Nowotny 161

Interface Transport Kinetics in Nonstoichiometric Compounds

E.G. Moya, F. Moya and J. Nowotny 239

Effect of the Surface on Gas/Solid Equilibration Kinetics in Nonstoichiometric Compounds

Z. Adamczyk and J. Nowotny 285

Low-Temperature Oxidation of Metals

V. Grajewski and E. Fromm 337

Effect of Segregation on the Heterogeneous Kinetics in Metallic Membranes

M. Yamawaki and K. Yamaguchi 401