

## Table of Contents

|  |     |
|--|-----|
| <b>Analytical Expression for the Correlation Factor in a Square Lattice and a Simple Cubic Lattice</b><br>D.D. Pruthi                            | 1   |
| <b>Grain Boundary Diffusion at High Densities of Grain Boundaries</b><br>G.E. Murch and S.J. Rothman   | 17  |
| <b>Defect Simulation and Supercomputers</b><br>A.B. Kunz   | 29  |
| <b>Some Remarks on Diffusion on Fractals</b><br>H. Nakanishi   | 41  |
| <b>Abstracts: Semiconductors, Halides, Oxides, Spinels, garnets, other Mixed Oxides</b>  | 57  |
| <b>Abstracts: Carbon and Carbides, Sulfides and Selenides, Miscellaneous Substances, Non-Metallic Liquids, Metals and Alloys , Liquid Metals</b> | 113 |
| <b>Abstracts: General References</b>   | 157 |