

CONTENTS

Part 1 Crystal Structures	17
Chapter 1 Brief Review of Concepts and Experimental Techniques	19
Chapter 2 Crystal Structure of Feldspar Principal Features Related Structures	26
Chapter 3 Order-disorder	50
Chapter 4 Detailed Geometry and Atomic Coordination	85
Chapter 5 Complex Crystal Structures	127
Part 2 Physical Properties and Experimental Techniques	177
Chapter X-ray Diffraction Techniques	179
Chapter Cell Dimensions and Macroscopic Thermal Expansion	217
Chapter 8 Light Optics	365
Chapter 9 Nomenclature and General Properties of Feldspars	415
Chapter 10 Electron-optical Techniques	461
Chapter 11 Infra-red Absorption Nuclear Magnetic Resonance Electron Spin Resonance Mossbauer Resonance	511
Chapter Miscellaneous Physical Properties	556
Subject Index	601
Name Index	613
Locality Index	620
Index of Rock Types	623
Location of Figures	624
List of Tables	626