

CONTENTS

Chapter 1. Introduction	1
Chapter 2. The Bonding of Atoms and the Regular Packing of Spheres	6
Chapter 3. The Structures of Some Ceramic Crystals	35
Chapter 4. Phase Equilibrium in Ceramics	69
Chapter 5. The Texture of Ceramics	118
Chapter 6. Atom Movements in Dense ceramics	165
Chapter 7. The Mechanical Properties of Ceramics	206
Chapter 8. Densification Processes in Ceramics	244
Index	279