

## Contents

Preface	vii
List of Main Symbols	viii
1. Basic Concepts and Definitions	1
2. Lattice Specific Heat	19
3. Electronic Specific Heat	59
4. Magnetic Specific Heat	137
5. Specific Heat of Cryogenic Liquids	181
6. Specific-Heat Anomalies	211
7. Experimental Techniques	277
Appendix 1	291
Appendix 2	293
Appendix 3	295
Einstein Internal Energy Function $(E - E_0) / 3R$	297
Einstein Specific Heat Function $C_v$ (Einstein) / $3R$	305
Debye Internal Energy Function $(E - E_0) / 3R$	313
Debye Specific Heat Function $C_v$ (Debye) / $3R$	325
Index	335