

Contents

**An Introduction to the Search for the Quark–Gluon Plasma
in Ultrarelativistic Heavy Ion Interactions**
By R.A. Salmeron (With 81 Figures) 1

**Hadron Production in Relativistic Heavy Ion Interactions
and the Search for the Quark–Gluon Plasma**
By M.J. Tannenbaum (With 45 Figures) 108

Physics of the Quark–Gluon Plasma
By J.C. Parikh (With 17 Figures) 181

Quarks and Gluons in Hadrons and Nuclei
By F.E. Close (With 2 Figures) 233

Early Universe and Big Bang Nucleosynthesis
By N.C. Rana (With 8 Figures) 259

The Astrophysics and Cosmology of Quark–Gluon Plasma
By C. Alcock (With 11 Figures) 300

Subject Index 343