

<<夸克-胶子等离子体 3/QUARK-G>>

图书基本信息

书名：<<夸克-胶子等离子体 3/QUARK-GLUON PLASMA 3>>

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内容概要

This is a review monograph on quark-gluon plasma (QGP). Different theoretical and experimental aspects of the program to produce QGP in relativistic heavy-ion collisions are covered by experts in the field. This is the third volume in a series on the subject, and the first such monograph to focus on the implications of the experimental results from RHIC, the relativistic heavy-ion collider at the National Brookhaven Laboratory. The review articles will be useful to experienced researchers as well as to graduate students entering the field.

书籍目录

Thermodynamics and In-Medium Hadron Properties from Lattice QCD  
Thermodynamics of the High-Temperature Quark-Gluon Plasma  
Jet Quenching and Radiative Energy Loss in Dense Nuclear Matter  
Gluon Radiation and Parton Energy Loss  
The Color Glass Condensate and High Energy Scattering in QCD  
Electromagnetic Radiation from Relativistic Nuclear Collisions  
Event by Event Fluctuations  
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