

Contents

1. Coulomb Gas Formulation of Two-dimensional Phase Transitions

B. NIENHUS

I. Introduction	1
II. The Coulomb Gas	3
III. Exact Transformations	20
IV. Asymptotic Equivalences	30
V. Conclusions	50
Acknowledgements	51
References	51

2. Conformal Invariance

J. L. CARDY

3. Low-temperature Properties of Classical Lattice Systems: Phase Transitions and Phase Diagrams

J. SLAWNY

I. Introduction	128
II. The Pirogov-Sinai Theory	140
III. Asymptotics of the Phase Diagram	169
IV. Ferromagnetic Systems	183
Acknowledgements	202
References	202