School of Mathematics

Course 443, Statistical Physics 2002–03
(Compulsory SS Theoretical Physics, Optional JS & SS Mathematics, JS & SS Two-subject Moderatorship, JS Theoretical Physics)

Lecturer: Dr. Ivo Sachs

Requirements/prerequisites: 241

Duration: 21 weeks

Number of lectures per week: 3

Assessment: Regular assignments.

End-of-year Examination: One 3-hour examination


Textbooks:

1. L.D. Landau and E.M. Lifshitz, Statistical Physics
2. K. Huang, Statistical Mechanics
3. W. Griener, L. Niese and H. Stocker, Thermodynamics and Statistical Mechanics
4. S.K. Ma, Statistical Mechanics
5. L.E. Reichl, A Modern Course in Statistical Physics

March 27, 2003