

BELFER GRADUATE SCHOOL OF SCIENCE
YESHIVA UNIVERSITY

Twentieth Statistical Mechanics Meeting

December 2, 1968

Tentative List of Speakers

1. G. Sandri¹⁰ Exact Sum of Bogolubov's Series for a Model of Kinetic Theory
2. M. Fisher²⁰ Free Energy of a Torus
3. D. Ruelle Metastability
- ~~X~~ 4. E. Gross²⁸ Similarity Transforms and Quantum Statistics
5. J. Gunton Correlation Function Inequalities
6. G. Baker¹⁴ Low Temperature Critical Indices for the Heisenberg Model
7. G. Wannier Relaxation Spectrum of the Linearized Boltzmann Collision Operator
8. J. Thurber¹⁵ An Explanation of the Apparent Violation of the Maximum Absorption Theorem
9. I. Kuscer¹¹² On the Concept of the Transport Mean Path as Applied to Diffusion in Classical Fluids
10. E. Lieb Thermodynamic Limit for Systems with Coulomb Interactions
11. W. Greenberg Critical Temperature for a Quantum Lattice Gas

- ~~X~~ 12. M. Lax Relation Between Quantum and Classical Stochastic Processes
13. D. Thouless Ising Model with Long-range Interactions ^{vis. Cornell} (Birmingham)
14. C. Thompson Phase Transitions in One Dimension
15. F. Wu A General Lattice Statistical Problem
16. N. Balazs Kohn Effect Mitigated by Exchange
17. A. Siegert Two Particle Distribution Function in Systems with Weak Long Range Attraction
18. (K. van Vliet) Fluctuations in Transport Processes
19. M. Green Noise in Ion Transport Through Membranes
20. E. Dewan Dynamic Stabilization of the Van der Pol Equation

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Tentative List of Speakers continued

21. R. Baxter Percus-Yevick Equation for Hard Spheres with Surface Adhesion
22. J. Katz Obtaining Virial Coefficients from Experimental Data
23. Y. Imry Symmetry Breaking and the Pairing Model for the Bose Superfluid
24. H. Falk Susceptibility and Fluctuation
25. M. Kalos Numerical Calculation of the Pair Distribution Function of a Lennard-Jones Boson Fluid
26. G. Gallavotti Some Rigorous Results on the Time Evolution of a One-Dimensional System
27. D. Shea Quantum Statistical Theory of Quantum Fluids
28. J. Groeneveld
29. J. Lebowitz EAL and all that
30. Yeshiva University - Cocktails
31. Everyone - Dinner