BELFER GRADUATE SCHOOL OF SCIENCE
YESHIVA UNIVERSITY

Twenty-second Statistical Mechanics Meeting
Monday, December 1, 1969

1. G. Sandri, Aero.Res.Princeton	Nonequilibrium Two-Particle Correlation Fu
2. John F. Nagle, Carnegie	Critical Behaviour, Long Range Interactio and Dimensionality
3. Michael E. Fisher, Cornell	Three Theorems on Scaling and Power Laws
4. David Litster, MIT	Critical Properties of Liquid Crystals
5. Donald D. Betts, Alberta	Critical Properties of the XY Model
6. M. Suzuki, Cornell	Critical Slowing Down in Spin Systems
7. Mark Nelkin, Cornell	Memory Functions for Correlation Function in Liquids
8. John Sykes, Duke	Sound Propagation in a Fermi Liquid
9. Alberto Grünbaum, Rockefeller	A Look at the Non-linear Boltzmann Equati
10. R. J. Rubin, NBS	Effect of Isotope Disorder on Energy Tran mission in a One-dimensional Crystal
11. Benoit Mandelbrot, IBM-Yorktown	Some Exotic Statistical Fluctuations
12. S. H. Koenig, IBM-Watson	The Structure of Liquid Argon by Neutron Scattering
13. G. Stell, Stony Brook	Weak-Scaling Relations
14. G.A.T. Allan, Cornell	Critical Temperatures of Ising Lattice Fi
15. M. Blume, Brookhaven	Self-Consistant Correlations in the Heise Ferromagnet at High Temperatures
16. Andrei N. Weiszman, NYU	Correlation Length in Lattice Liquid Mode
17. John Stephenson, Alberta	Ising Antiferromagnets, Spin Correlations and Disorder Points

18. Walter Rudd, SUNY-Albany	Critical Behavior in Percolation Processes
19. Michael J. Haggerty, Texas	Cosmology and the Irreversible Growth of Self-Gravitating Clusters
20. Lars Onsager, Yale	Copper Formate Tetrahydrate
21. Harold L. Friedman, Stony Brook	Better Models for Ionic Solutions
22. Eduardo Waisman, Yeshiva and A.T.& T.	Exact Solution of Integral Equation for System of Charged Hard Spheres
23. Neil S. Snider, Queens Univ.,Canada	Perturbation Theories of Classical Liquids: First Order Results
24. P. Leonardo Mascheroni, Temple Univ.	The Quantum Mechanical Third Virial Coeffici and Three Body Phase Shifts
~~25. F. W. Wiegel, Northwestern Univ.~~	~~The Cluster Expansion for a Macromolecule~~ with Self-interaction
26. Ralph Harrison, Watertown Arsenal	Singular Features of Density-Dependent Poten
27. G. Carmi, St. John's	Some Non-trivial Exactly Solvable Quantum Many Body Systems
28. Dieter Forster, Columbia	Dynamics of Weakly Coupled Fluids
29. Amador Muriel, NASA	Microscopic Description of a Weak Shock Wave
30. Joel L. Lebowitz, Yeshiva	Exact Solution of P.Y. Equation for Mixture Hard Spheres with Non-Additive Diameter

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LUNCH	~ 12:45 ~ 2:00	Room 501-Furst Hall,Yeshiva (185th St.& Amst
COFFEE BREAK	~ 4:00 ~ 4:10	
COCKTAIL BREAK	~ 5:40 ~ 6:15	
DINNER	~ 7:45	Good Will Restaurant 4288 Broadway (182nd-183rd Street)