

Curriculum Vitae
M. HOWARD LEE

Date of Birth: May 21, 1937
Place of Birth: Pusan, Korea

Family: Margaret Frances Kendig, m. 1967; daughter Jennifer Katharine, b. 1967
Citizenship: U.S. citizen (naturalized Boston, MA, 1973)

Education: B.S. Chemistry, Pennsylvania, 1959
Ph.D. Physics, Pennsylvania, 1967, (Advisor: M. Luban)

Field of Research: Theoretical Physics: Statistical Mechanics and Many-Body Problem

Positions: Regents Professor of Physics, 1999-present.
Professor, 1985-1999, Assoc. Prof., 1977-1985, Asst. Prof., 1973-1977,
Dept. of Physics and Astronomy, Univ. of Georgia, Athens, GA.
Member, Center for Materials Science, Mass. Inst. of Tech., Cambridge,
MA, 1969-1973, MIT-Harvard Health Science and Tech., 1971-1973.
Postdoc. Fell., Theor. Phys. Inst., Univ. of Alberta, Edmonton, Can.,
1967-1969.

Adjunct Professor, Institute for Advanced Study, Seoul, Korea, 2000 - .
Visiting Scientist, Czechoslovak Academy of Sciences, Prague, 1990.
Visiting Professor, Seoul University, Korea, 1980.
Gastlector, Inst. v. Theor. Fys., Univ. Leuven, Belgium, 1976.

Awards and Honors: Michael Award for Science, University of Georgia, 1976.
Fulbright Senior Scholar, Univ. of Leuven, Belgium, 1978-1979.
Creative Research Medal, University of Georgia, 1984.
Member, Editorial Board, J. Math. Chem., 1987 - 1992.
Senior Fellow, Asia Pacific Ctr for Theor. Phys., Seoul, 1997-2001.
Fellow, American Physical Society (elected 2001).
Nominated for the 2010 Nobel Prize in Physics
Member, International advisory board of Strongly Coupled Coulomb
Systems conference series (elected 2010)

Table of Contents

	page
Summary.....	3
A. Publications: Articles.....	4
B. Invited Talks and Lectures	10
C. Colloquia and Seminars.....	14
D. Conf. Sessions Chaired.....	19
E. Research Grants.....	20
F. Miscellaneous Professional Services.....	21
G. Dissertation Supervision.....	22
H. Refereeing.....	23
I. Citations.....	29
J. Invited Papers	59
K. Contributed Papers at Conferences.....	60
L. UGA Services.....	63
M. Teaching at UGA.....	64

Summary (As of December 15, 2014)

1. Publications: 141 articles (85 single author, 12 in PRL), (2 in 2012)

2. Conference invited talks 97 (5 in 2014)

3. Conference sessions chaired 26 (1 in 2014)

4. Colloquia and Seminars 142 (2 in 2012)

5. Refereeing 291 (28 for PRL), (5 in 2014), record kept since 1980)

6. Citations (self citations excluded)

Books 38

Review Journals 104

Journals 1404 (career total)

107 (1969-1982)

1297 (1983-present) (35 in 2014)

7. Research Grants: approx. \$1,000,000; 11 grants all at UGA (no new grants in 2011)

8. Ph.D. Students: 10 (2 at MIT, 8* at UGA)

* 5 attained full professor rank, 1 elected fellow of APS

A. Publications

1. "Critical Properties of the XY Model," D. D. Betts and M. H. Lee, *Phys. Rev. Lett.* **20**, #26, 1507-1510 (1968).
2. "Some Remarks on the Theory of Interacting Many-Fermions in One Dimension," M. H. Lee, *Prog. Theoret. Phys. (Kyoto)* **40**, #5, 990-997 (1968).
3. "The Pair Distribution Function of a Quantum Fluid," M. H. Lee, *Physica* **43**, 132-141 (1969).
4. "Cluster Expansion in a Bose System," M. H. Lee, *J. Math. Phys.* **10**, 1813-1818 (1969).
5. "High Temperature Series Expansion," D. D. Betts, C. J. Elliott and M. H. Lee, *Phys. Lett.* **29A**, 150-151 (1969).
6. "Structure Factor of Liquid Helium-4: The Apparent Discrepancy Between Theory and Experiment," M. H. Lee, *Phys. Rev. Lett.* **23**, #7, 370-372 (1969).
7. "Exact High Temperature Series Expansions for the XY Model," D. D. Betts, C. J. Elliott and M. H. Lee, *Can. J. Phys.* **48**, #6, 1566-1577 (1970).
8. "The Critical Properties of the Ising, XY and Heisenberg Ferromagnets," M. H. Lee, *Solid State and Mol. Theor. (MIT)* **72**, 39-47 (1970).
9. "On the Spin 1/2 Heisenberg Ferromagnetic Model," M. H. Lee, *Solid State and Molecular Theoretical (MIT)* **72**, 48-56 (1970).
10. "Diagrammatic Representation of the Two-Spin Correlation Function," H. E. Stanley and M. H. Lee, *Int. J. Quant. Chem.* **4**, 407-418 (1971).
11. "High-Temperature Expansion of the Spin-1/2 XY Model," M. H. Lee, *J. Math. Phys.* **12**, #1, 61-69 (1971).
12. "Critical Properties Obtained by a Conformal Transformation Method," M. H. Lee and H. E. Stanley, *J. de Physique (Paris)* **32**, 352-353 (1971).
13. "Critical Behavior of the XY Model of a Ferromagnet," D. D. Betts, R. V. Ditzian, C. J. Elliott and M. H. Lee, *J. de Physique (Paris)* **32**, 356-358 (1971).
14. "Spin-1/2 Heisenberg Ferromagnet on Cubic Lattices," M. H. Lee and H. E. Stanley, *Phys. Rev.* **B4**, #5, 1613-1630 (1971).
15. "Transformation Methods," H. E. Stanley, A. Hankey and M. H. Lee, *Proc. Varena Summer School on critical phenomena*, edited by M. S. Green (Academic, 1971), pp.237-264.
16. "S=1/2, XY Model on Cubic Lattices. I. Susceptibility and Fluctuation Near Critical Temperature," M. H. Lee, *Phys. Rev.* **B8**, #3, 1203-1209 (1973).
17. "Fluctuation and Susceptibility Near the Critical Temperature," M. H. Lee, *Proceedings van der Waals Centennial Conf. 1973*, Amsterdam, p.130-131.
18. "Dynamic Behavior of S=1/2, XY Model on Cubic Lattices. I. Molecular-Field Approximation," M. H. Lee, *Phys. Rev.* **B8**, #7, 3290-3300 (1973).
19. "High-Temperature Series for the B-Site Spinel and Diamond Lattices," D. N. Lambeth, M. H. Lee and H. E. Stanley, *J. Chem. Phys.* **60**, #3, 772-779 (1974).
20. "Dynamic Form Factor and Nonequilibrium Behavior of the S=1/2 XY Model on Cubic Lattices," M. H. Lee, *AIP Conf. Proc.* **18**, 714-718 (1974).
21. "Transport in Membranes," M. H. Lee, S. Hui and H. E. Stanley, *Applications of Physics to Other Fields of Science*, ed. by Chigier, Brain Research, p.311-324 (1975).
22. "S=1/2 XY Model on Cubic Lattices. II. Longitudinal Susceptibilities," M. H. Lee, *Phys. Rev.* **B12**, #1, 276-281 (1975).

23. "Dynamic Structure Factor for Liquid He⁴," M. H. Lee, *Low Temperature Physics I*, 150-153, ed. by M. Krusius (North-Holland, Amsterdam, 1975).
24. "Dynamical Behavior of a Model for Condensed Systems," M. H. Lee, *Lett. App. Eng. Scie.* **4**, 63-74 (1976).
25. "Dynamical Critical Behavior of 3D S=1/2 XY Model," M. H. Lee, *AIP Conf. Proceedings*, **29**, 472-473 (1976).
26. "Relaxation Function of 3D XY Model," M. H. Lee and R. Dekeyser, *Physica B* **86-88 B+C**, Part III, 1273-1974 (1977).
27. "Quantum Renormalization for the Anisotropic Heisenberg Model," R. Dekeyser, M. Reynaert and M. H. Lee, *Physica B*, **86-88 B+C**, Part II, 627-628 (1977).
28. "Remark on a Model of Condensation Due to Ford and Uhlenbeck," M. H. Lee and Raf Dekeyser, *Anns. Isr. Phys. Soc.* **2**, 748-751 (1978).
29. "Time-Dependent Correlations for the Anisotropic Heisenberg Model," R. Dekeyser and M. H. Lee, *Anns. Isr. Phys. Soc.* **2**, 508-511 (1978).
30. "A Model for Hydrogen Diffusion in a Metal at Low Temperatures," M. H. Lee, S. Banerjee, and R. Dekeyser, *J. Phys. (Paris)*, **C6**, 424-425 (1978).
31. "Time-Dependent Correlations for Spin van der Waals Systems," Raf Dekeyser and M. H. Lee, *Phys. Rev.* **B19**, 265 (1979).
32. "A Diffusion Model for Hydrogen-Palladium System," S. Banerjee and M. H. Lee, *J. App. Phys.* **50**, 1776 (1979).
33. "High-Temperature Longitudinal Susceptibility for the S=1/2 XY Model: Some Numerical Evidences," I. M. Kim and M. H. Lee, *Phys. Rev.* **B19**, 5815 (1979).
34. "High Temperature Expansions for the Spin-S XY Model on the FCC Lattice: Spin Dependence," S. K. Oh and M. H. Lee, *Phys. Rev.* **B20**, 204 (1979).
35. "A Model of Membrane Transport: Binary and Cooperative Flows," M. H. Lee, A. N. Berker, H. E. Stanley and A. Essig, *J. Memb. Biol.* **50**, 205 (1979).
36. "Statics and Dynamics of Higher Order Constant-Coupling Spin Hamiltonian," S. Banerjee, R. Dekeyser and M. H. Lee, *J. Mag. Mag. Mat.* **15-18**, 427 (1980).
37. "Nonrigid Lattice Model of Hydrogen Diffusion in a Transition Metal," M. H. Lee, *J. Sep. Scie. and Tech.*, 15(3), 457-474 (1980).
38. "The Time Correlation Functions in the α and β Phases," M. H. Lee and S. Banerjee, *J. Less Common Metals* **74**, 244-245 (1981).
39. "Cooperative Model of Hydrogen Diffusion," M. H. Lee and S. Banerjee, *Metal Hydrogen Systems*, ed. by T. N. Veziroglu, (Pergamon Press, 1981) pp.141-153.
40. "Fluctuation and Susceptibility for the Spin van der Waals Model and the Bounds of Falk and Bruch," I. M. Kim and M. H. Lee, *Phys. Rev.* **B24**, 3961-3966 (1981).
41. "Low Temperature Behavior of Biquadratic Exchange Model," M. H. Lee and S. Banerjee, *Physica* **107B**, 81-82 (1981).
42. "The Bounds of Falk and Bruch in the Low Temperature van der Waals Model," M. H. Lee and I. M. Kim, *Physica* **108B**, 1379-1380 (1981).
43. "Long Range Order in the Spin van der Waals Model," M. H. Lee, *J. Math. Phys.* **23**(3), 464-471 (1982).
44. "Dynamic Form Factor, Polarizability and Intrinsic Conductivity of a 2d Dense Electron Gas," M. H. Lee and J. Hong, *Phys. Rev. Lett.* **48**, 634-637 (1982).
45. "Transport of Dense Protons in a Slab," M. H. Lee and J. Hong, *Hydrogen in Metals*, ed. by C. B. Satherthwaite (Plenum Press, NY, 1983) pp. 549.

46. "Crossover Behavior in a Two-Dimensional Electron Gas and Quasi Plasma Oscillation," M. H. Lee and J. Hong, Phys. Rev. **B26**, 2227-2230 (1982).
47. "Solutions of Generalized Langevin Equation by a Method of Recurrence Relations," M. H. Lee, Phys. Rev. **B26**, 2547-2551 (1982).
48. "Orthogonalization Process by Recurrence Relations," M. H. Lee, Phys. Rev. Lett. **49**, 1072-1075 (1982).
49. "Phases of the PdH System and Statistical Mechanics of the Takagi Model," M. H. Lee, J. Less Common Metals, **88**, 7-15 (1982).
50. "Time Evolution, Relaxation Function and Random Force for a Single-Spin Model via the Method of Mori," M. H. Lee, Can. J. Phys. **61**, 428-433 (1983).
51. "Cluster Formation and Diffusion in a Metal-Hydrogen System," M. H. Lee, J. Less Common Metals, **91**, 321-326 (1983).
52. "High Temperature Expansion for the Longitudinal Susceptibility for the Spin-1/2 XY Model," M. H. Lee, Physica **119A**, 504-511, (1983).
53. "Derivation of the Generalized Langevin Equation by a Method of Recurrence Relations," M. H. Lee, J. Math. Phys. **24**, 2512-2514 (1983).
54. "Can the Velocity Autocorrelation Function Decay Exponentially?" M. H. Lee, Phys. Rev. Lett. **51**, 1227-1230 (1983).
55. "Separation by Diffusion of Hydrogen Clusters in a Metal-Hydrogen System," M. H. Lee, J. Sep. Sci. Techn. **18**, 1275-1294 (1983).
56. "Time-Dependent Behavior of One Dimensional Many-Fermion Models," M. H. Lee, J. Hong and N. L. Sharma, Phys. Rev. **A29**, 1561-1563 (1984).
57. "Time-Dependent Behavior of the Spin-1/2 Anisotropic Heisenberg Model," M. H. Lee, I. M. Kim and R. Dekeyser, Phys. Rev. Lett. **52**, 1579-1582 (1984).
58. "Recurrence Relations and Time Evolution in the Three-Dimensional Sawada Model," M. H. Lee and J. Hong, Phys. Rev. **B30**, 6756 (1984).
59. "Exact Time Evolution of a Classical Harmonic Oscillator Chain," J. Florencio, Jr. and M. H. Lee, Phys. Rev. **A31**, 3237 (1985).
60. "Can the Intrinsic Conductivity Be Observed?" M. H. Lee and J. Hong, Physica **298B**, 301 (1985).
61. "Comment on Kimball's Formula," M. H. Lee and J. Hong, Phys. Rev. **B32**, 5479-5480 (1985).
62. "Exact Convergent Calculations of the Frequency Dependent Density Response Function," J. Hong and M. H. Lee, Phys. Rev. Lett. **55**, 2375 (1985).
63. "Time and Frequency Dependent Behavior of the Two Dimensional Electron Gas at Long Wavelengths," M. H. Lee and J. Hong, Phys. Rev. **B32**, 7734 (1985).
64. "Wave Vector Dependent Susceptibility of a Free Electron Gas in D Dimensions," N. L. Sharma and M. H. Lee, J. Math. Phys. **27**, 1681-1623 (1986).
65. "Relaxation Function, Memory Functions, and Random Forces in the 1D Spin-1/2 XY," J. Florencio and M. H. Lee, Phys. Rev. **B35**, 1835-1840 (1987).
66. "Method of Recurrence Relations and Applications to Many-Body Systems," M. H. Lee, J. Hong and J. Florencio, Physics Scripta **T19B**, 498-504 (1987).
67. "Thermodynamics of Metal Cluster Systems," in *Graph Theory and Topology in Chemistry*, ed. R. B. King, Elsevier (Amsterdam, 1987) pp.344-348.
68. "Reply to Comment on the Application of Kimball's Formula for Small Values of r_s ," M. H. Lee and J. Hong, Phys. Rev. **B36**, 6173-6174 (1987).
69. "Propagation of Electron Beams in Inhomogeneous Media," Proc. SPIE, Int. Soc. for Opt. Eng. **874**, 290-295 (1988).

70. "Memory Functions and Relaxation Functions of Some Spin Systems," J. Florencio and M. H. Lee, Nucl. Phys. B, **5A**, 250-254 (1988).
71. "Note on Certain Integrals of Bessel Functions," M.H. Lee, J. Phys. **A21**, 4341-4345 (1988).
72. "Method of Recurrence Relations and Time Evolution in Statistical Mechanics," M.H. Lee, Studies in Physical and Theoretical Chem., **63**, 363-378 (1989).
73. "Frequency Moment Sum Rules, Recurrence Relations and Continued Fractions," M.H. Lee, J. Comp. Phys. Commu. **53**, 147-155 (1989).
74. "Dynamic Equivalence of a 2D Electron Gas and a Classical Harmonic Oscillator," M.H. Lee, J. Florencio and J. Hong, J. Phys. **A22**, L331-L335 (1989).
75. "Chemical Potential of a D-Dimensional Free Fermi Gas at Finite Temperatures," M.H. Lee, J. Math. Phys. **30**, 1837-1839 (1989).
76. "Asymptotic Behavior of a Dynamical Local Field," M.H. Lee and J. Hong, J. Phys. Cond. Matt. **1**, 3867-3872 (1989).
77. "Dynamic Structure Factor of a Classical Plasma with a Log Potential in 2d at $\Gamma=2$," J. Hong, J. Park and M.H. Lee, Phys. Rev. **B40**, 1528-1537 (1989).
78. "Comment on 'Dynamical Properties of a Two-Dimensional Coulomb Fluid,' by Agarwal *et al.*," M.H. Lee and J. Hong, J. Phys. Cond. Matt. **1**, 7239-7244 (1989).
79. "Delocalization of Excitation in Models of Harmonic Oscillator Chains With an Impurity," M. B. Yu, J. H. Kim and M.H. Lee, J. Lumin. **45**, 144-146 (1990).
80. "Frequency Dependent Susceptibility of a Free Electron Gas in D Dimensions," M.H. Lee and J. T. Nelson, J. Math. Phys. **31**, 686-691 (1990).
81. "Fermionic Chemical Potential," M.H. Lee, J. Math. Chem. **5**, 83-98 (1990).
82. "Slow Decay in a Spin Model," R. Dekeyser and M.H. Lee in *Rigorous Results in Quantum Dynamics*, ed. J. Dittrich, World Sci. (Singapore 1991), pp.250-253.
83. "Nonequilibrium Statistical Mechanics of the Spin- $\frac{1}{2}$ van der Waals Model. I.," R. Dekeyser and M.H. Lee, Phys. Rev. **B43**, 8123-8130 (1991).
84. "Nonequilibrium Statistical Mechanics of the Spin- $\frac{1}{2}$ van der Waals Model. II.," R. Dekeyser and M.H. Lee, Phys. Rev. **B43**, 8131-8147 (1991).
85. "Slow Decay in a Spin System and Spin Precession," M.H. Lee, J. Korean Phys. Soc. **24**, S8-S13 (1991).
86. "Summary Talk with a Few Reflections," M.H. Lee, J. Korean Phys. Soc. **24**, S111-S112 (1991).
87. "The Classical Susceptibility and the Temperature-Dependent Susceptibility of a Free Electron Gas," M. Long and M.H. Lee, J. Math. Phys. **33**, 1799-1806 (1992).
88. "Foreign Graduate Students in a U.S. University," M. H Lee, Physics Today **45**, 75-76 (1992). Also Chinese Phys. Soc. **1**, 24-25, 1993.
89. "Dynamic Response Function and Bounds of the Susceptibility," M.H. Lee and O.I. Sindoni, Phys. Rev. **A46**, 3028-3037 (1992).
90. "Comment on 'Velocity Autocorrelation Function in Fluctuating Hydrodynamics'," M.H. Lee, J. Phys. Condens. Matter **4**, 10487-10492 (1992).
91. "Autocorrelation Functions for Hermitian Many-Body Systems: Necessary Conditions," M.H. Lee, Phys. Rev. **B47**, 8293-8295 (1993).
92. "Asymptotically Exact Solution of the Dynamic Structure Factor of an Electron Gas at $rs=3.5$," J. Hong and M.H. Lee, Phys. Rev. Lett. **70**, 1972-1975 (1993).
93. "Note on a Logarithmic Integral for the Plasma Energy of the Electron Gas," M.H. Lee, Can. J. Phys. **73**, 108-111 (1995).

94. "The Topology of Hilbert Spaces and the Dynamics," M.H. Lee, J. Kim, W.P. Cummings and R. Dekeyser, *J. Mol. Str.* **336**, 269-278 (1995).
95. "Price's Bound on the Structure Factor: Derivation and Comparison with Some Exact Results," M.H. Lee, *J. Math. Phys.* **36**, 1136-1145 (1995).
96. "Polylogarithmic Analysis of Chemical Potential Fermi Gas at Low Temperatures," M.H. Lee, *J. Math. Phys.* **36**, 1217-1231 (1995).
97. "Mori's Equation with Hyperbolic Secant Memory," M.H. Lee, J. Kim, W.P. Cummings and R. Dekeyser, *J. Phys. Condens. Matter* **7**, 3187-3193 (1995).
98. "ODLRO, Pair Distribution Function and Structure Factor of the Ideal Fermi Gas in D Dimensions," M.H. Lee and M. Long, *Phys. Rev.* **E52**, 189-195 (1995).
99. "Chemical Potential," M.H. Lee, *Phys. Rev.* **E53**, 5488-5490 (1996).
100. "Remarks on the Hyperbolic Secant Memory Functions," M.H. Lee, *J. Phys. Condens. Matter* **8**, 3755-3766 (1996).
101. "Statistical Mechanics of Ideal Particles in Null Dimension and Confinement," M.H. Lee, *Phys. Rev.* **E54**, 946-949 (1996).
102. "Solving Certain Principal Value Integrals by Reduction to the Dilogarithm," M.H. Lee, *Physica* **A234**, 581-588 (1996).
103. "Equivalence of Ideal Gases in Two Dimensions and Landen's Relations," M.H. Lee, *Phys. Rev.* **E55**, 1518-1520 (1997).
104. "Kramers and Kronig Relations with Log Kernel and Application to the Drude Model," M.H. Lee and O.I. Sindoni, *Phys. Rev.* **E56**, 3891 (1997).
105. "Polylogs and Riemann's Zeta Function," M.H. Lee, *Phys. Rev.* **E56**, 3909 (1997).
106. "Time Evolution and Recurrence Relations Approach," M.H. Lee, *Prog. Stat. Phys.*, edited by I. Chang (World Scientific, Singapore, 1998), pp. 54-74.
107. "Dynamics of Electron Gas," M.H. Lee, J. Hong and J. Kim, in "Strongly Coupled Coulomb Systems," ed. G. Kalman (Plenum, NY, 1998), pp. 457-460.
108. "Remarks on Luttinger's Derivation of Kubo's Conductivity Formula," M.H. Lee, *Plasma Phys.* **39**, 143-147 (1999).
109. "Heisenberg, Langevin and current equations via recurrence relations approach," M.H. Lee, *Phys. Rev.* **E61**, 3571-3578 (2000).
110. "Generalized Langevin eq. and recurrence relations," M.H. Lee, *Phys. Rev.* **E62**, 1769 (2000).
111. "Fick's law, Green-Kubo formula and Heisenberg equation of motion," M.H. Lee, *Phys. Rev. Lett.* **85**, 2422 (2000).
112. "Fick's law, Ohm's law: Reduction from Heisenberg's equation of motion," M.H. Lee and J. Kim, *Contrib. Plasma Phys.* **41**, 151-153, 2001.
113. "Time dependent transverse correlations in Ising model in D dimensions," J. Florencio, S. Sen and M.H. Lee, *Braz. J. Phys.* **30**, 725 (2000).
114. "Carnot cycle for photon gas?" M.H. Lee, *Am. J. Phys.* **69**, 874-878 (2001).
115. "Ergodic theory, infinite products and long time behavior in Hermitian models," M.H. Lee, *Phys. Rev. Lett.* **87**, 250601 (2001).
116. "Nonextensive thermodynamics in ordinary thermodynamics," M.H. Lee, *J. Chaos, Solitons and Fractals* **13**, 545 (2002).
117. "Quantum gases and polylogs," M.H. Lee and J. Kim, *Physica* **A304**, 421(2002).
118. "Dynamics of IO model in Einstein and pseudo Debye limits," J. Kim and M.H. Lee, *Physica* **A304**, 409 (2002).
119. "Ergodicity and Kubo's condition," *Physica* **A314**, 583 (2002).

120. "Dynamic correlations," U. Balucani, M.H. Lee and V. Tognetti, Phys. Rep. **373**, 409-492 (2003).
121. "Boltzmann's ergodic hypothesis in Quantum limits to second law," pp. 143-148 AIP Conf. Proc. 643, D. Sheehan edited (2003).
122. "Principal value integrals revisited," S.M. Cohen, K.T. Davies, R.W. Davies and M.H. Lee, Can. J. Phys. **83**, 106 (2005).
123. "Testing Boltzmann's ergodic hypothesis with electron gas models," J. Phys. **A39**, 465 (2006).
124. "Why does Boltzmann's ergodic hypothesis work and when does it fail?" Physica **A365**, 150 (2006).
125. "Ergodic condition and magnetic models," Int. J. Mod. Phys. **B21**, 254 (2007).
126. "Ergodic condition for Hermitian many-body problems," Acta Phys Polonia **B38**, 1837 (2007).Bb
127. "Birkhoff theorem, many-body response function and the ergodic condition," Phys. Rev. Lett. **98**, 110403 (2007).
128. "Why irreversibility is not a sufficient condition for ergodicity," Phys. Rev. Lett. **98**, 190601 (2007).
129. Birkhoff theorem and ergometer: Relationship by an existence assumption. Acta. Phys Pol. B **39**, 1035 (2008).
130. "Birkhoff theorem and ergometer: Meeting of two cultures." Int. J. Mod. Phys. **B22**, 4572 (2008).
131. "Polylogarithms and logarithmic diversion in statistical mechanics." Acta Phys. Pol. **B40**, 1279 (2009).
132. "Ergodicity and chaos in a system of harmonic oscillators." Int. J. Mod. Phys. **B 23**, 3992 (2009).
133. M. Grether, M. de Llano, and M. H. Lee, "Anomalous behavior in ideal Fermi gas below 2D." Int. J. Mod. Phys. **B 23**, 4121 (2009).
134. "Analytical study of the superstable 3-cycle in the logistic map." J. Math. Phys. **50**, 1227 (2009).
135. Ergometric theory of the ergodic hypothesis:spectral functions and classical limit. Acta Phys Pol B41, 1009 (2010).
136. Boltzmann's ergodic hypothesis: A meeting place of two cultures. Int J Mod Phys B 24, 5241 (2010).
137. The 3-cycle problem in the logistic map and Sharkovskii's theorem, Acta Phys Pol B 42, 1071 (2011).
138. Cyclic solutions in chaos and Sharkovskii's theorem, Acta Phys. Pol. B 43, 1053 (2012)
139. Defining chaos in the logistic map by Sharkovskii's theorem, Acta Phys. Pol. B 44, 925 (2013)
140. Can one really study chaos analytically? M.H. Lee, Acta Polytech 5-4,130 (2014).
141. Solving for the fixed points of 3-cycle in the logistic map and toward realizing chaos by the theorems of Sharkovskii and Li-Yorke, M.H. Lee, Commun. Theor. Phys. 62, 485 (2014)\

A1. Miscellaneous Publications

1. International workshop on scattering theory and applications (April 1991, St. Petersburg, Russia), "Mechanisms of slow decay in many-particle systems." pp. 82-97
2. Transactions of the 9th Army conference on applied mathematics (March 1992), "Recurrence relations, continued fractions and time evolution in many-particle systems." pp. 403-414
3. Physics Today (June 1992, pp. 75-76), "Foreign graduate students in a US university." Also Chinese Phys. Soc. **1**, 24-25 (1993). Also see 88 under A.
4. AKPA Newsletter 17, 67-71 (1996), "Time evolution in many particle systems and recurrence relations."
5. APCTP Bulletin (October 2000), "Fick's law of diffusion." pp. 24-27

B. Invited Talks and Lectures

1. Summer Session Lectures, M.I.T., Cambridge, Massachusetts, June 1973.
 - I. "Cooperative Phenomena and Phase Transitions."
 - II. "Biomedical Physics and Biomaterials Science."
2. Institute for Theoretical Physics, Universiteit, Leuven, Belgium, Spring Semester 1976. "Dynamic Critical Phenomena," a series in postgraduate lectures.
3. University of Porto, Portugal, July 1979, "New Approach to Nonequilibrium Statistical Mechanics," sponsored by the Portugese Fulbright Commission.
4. Seoul National University, Korea, April 1980, "Nonequilibrium Statistical Mechanics," sponsored by the Agency for Int. Development, State Department.
5. Int. Symposium on Metal-Hydrogen Systems, Miami, Florida, April 13-15, 1981. "Hydrogen Diffusion in a Transition Metal."
6. Korea Institute for Advanced Studies, Seoul, Korea, June 8, 1982, "Dynamic Theory as a Problem in Hilbert Space."
7. Int. Symposium on Metal-Hydrogen Systems, Richmond, VA, May 17, 1985. "Clusters and Diffusion in a Dense Metal Hydrogen System."
8. Oak Ridge National Laboratory, Solid State Division, January 23, 1986. "The Method of Recurrence Relations."
9. European Physical Society, Pisa, Italy, April 7-10, 1987. "Method of Recurrence Relations and Applications to Many-Body Problems."
10. Department of Physics, University of Pisa, Italy, April 13-15, 1987.
 - I. "Theory and Method of Recurrence Relations, April 13, 1987."
 - II. "Applications to the Electronic Systems, April 14, 1987."
 - III. "Applications to the Harmonic Oscillator Chain, April 15, 1987."
11. Consiglio Nazionale delle Recerche (National Research Council of Italy), Rome, Italy, April 22, 1987. "Recurrence Relations and Continued Fractions."
12. University of California, La Jolla, San Diego, Institute of Nonlinear Science, January 16, 1988. "Method of Recurrence Relations"
13. California Conf. on Statistical Mechanics, Davis, CA (with J. Florencio), Mar. 27-30, 1988, "Memory Functions and Relaxation Functions."

14. Korean Physical Society Annual Meeting, Seoul, Korea (Plenary talk), April 23-24, 1988, "Method of Recurrence Relations and Time Evolution."
15. Daewoo Foundation Lecture Series in Statistical Physics, Seoul, Korea, April 23, 1988. "Method of Recurrence Relation."
16. Third Int. Conf. on Math/Chem/Comp, Dubrovnik, June 20-25, 1988.
I. "Method of Recurrence Relations." II. "Applications."
17. Minnesota Supercomputer Institute Workshop on Practical Methods, Minneapolis, October 23-25, 1988. "Frequency Moments, Sum Rules."
18. Annual APS/AAPT Joint Winter Meeting, Atlanta, Georgia, January 22-25, 1990. "Foreign Students: Their Roles and Impact and Our Responsibility."
19. Int. Conf. on Rigorous Results in Quantum Dynamics, Liblice, Czechoslovakia, June 11-15, 1990. "Long Time Tails in a Spin Model."
20. Fifth Int. Conf. on Math/Chem/Comp, Dubrovnik, June 25-30, 1990.
I: "Autocorrelation Functions." II: "Long Time Tails."
21. Int. Workshop on Scattering Theory, Leningrad, May 22-25, 1991.
"Slow Decay in a Quasi-Two-Body Spin System."
22. 5th Int. Workshop on Statistical Physics, organized by the Korean Physical Society, Oct. 3-5, 1991, Seoul, Korea. "Origin of Slow Decay in a Spin System."
23. 7th Int. Conf. on Math/Chem/Comp, Dubrovnik, June 22-27, 1992.
"Bounds of the Susceptibility of a Semiclassical Gas."
24. Conf. on Obscuration and Aerosols, Aberdeen Proving Ground, MD, June 21-25, 1993, "Incoherent Scattering of Semiclassical Particles."
25. 8th Int. Conf. on Math/Chem/Comp, Dubrovnik, June 23-28, 1993, "Recent Advances in Nonequilibrium Statistical Mechanics," (cancelled due to a conflict).
26. Conf. on Army Aerosol Research, Aberdeen Proving Ground, June 20-23, 1994.
"Fractal-like Behavior in the Dispersion Relation."
27. 9th Int. Conf. on Math/Chem/Comp'94, Dubrovnik, Croatia, June 26 - July 1, 1994. "Topology of Hilbert Spaces."
28. 6th Int. Conf. on Mathematical Chemistry, Pitlochry, Scotland UK, July 10-14, 1995. "Polylogs and Statistical Thermodynamics."
29. Fall Meeting of the Korean Physical Society, Taejon, Oct. 27-28, 1995.
"Polylogs and Unification of the Statistical Thermodynamics."
30. 1996 Sci Conf. on US Army Aerosol Research, Aberdeen Proving Ground, June 25-28, 1996, "Kramers-Kronig relations."
31. 11th Int. Conf. on Math/Chem/Comp, June 24-29, 1996, Dubrovnik, Croatia (declined).
32. Int. Conf. on the Progress in Statistical Mechanics, (Choh Mem. Conf.), Seoul, Korea, June 5-7, 1997. "Time evolution in many-particle systems."
33. Int. Conf. on Strongly Coupled Coulomb Systems, Boston, MA, August 3-10, 1997. "Static and dynamic behavior of an electron gas at $r_s=3.5$."
34. Int. Symp. on Theoretical Physics, Melbourne, Australia, 1-3 July 1998.
"Nonequilibrium statistical mechanics."
35. Army Conf. on Aerosols and Obscuration, Aberdeen Proving Ground, MD, 22-25 June 1998. "Kramers-Kronig relations with log kernel."
36. Workshop on chaos and nonlinear dynamics, Taejon, Korea, 13-14 August 1998.
"Nonlinear problems in nonequil. stat. mech."
37. 9th Int. workshop on plasma phys., Rostock, Germany, 6-11 Sept. 1998.
"Remarks on Luttinger's derivation of Kubo's conductivity formula."

38. Second Caribbean School of Quantum Mechanics, Particles and Fields, 22-26 March 1999, Havana, Cuba, "On the unified theory of quantum gases."
39. Spring Colloquium on Statistical Mechanics, Leuven, Belgium, 17 May 1999, "Remarks on Luttinger's derivation of Kubo's conductivity formula."
40. Institute for Advanced Study, Seoul, Korea. I. "Thermal Periodic Table," 16 June '99 and II. "Kubo's formula for conductivity," 23 June 99.
41. APCTP symposium on dynamics of many-particle systems, 24 June 2000, Seoul, Korea, "Fick's law and other recent advances made by the recurrence relations."
42. Ising centennial colloquium, 2-4 August 2000, Belo Horizonte, Brazil, "Transverse spin correlations in the Ising model."
43. 10th Workshop on Plasma Physics, 1-5 Sept. 2000, Greifswald, Germany, "Fick's law, Ohm's law."
44. Third Caribbean Workshop on Quantum Mechanics, Fields and Particles, Havana, Cuba, 15-23 Dec. 00, "Fick's law."
45. Korean Physical Society annual meeting, Seoul, 27-28 April 2001, "Fick's law."
46. APCTP Symposium on Dynamics, Seoul, 20-21 June 2001, "Ergodic theory and recurrence relations approach."
47. International Conference on Complex Systems, Messian, Italy, 6-8 Dec. 2001, "Ergodicity and Kubo's condition."
48. Annual Meeting of Brazil Physics Society, Caxambu, Brazil, 7-10 May 2002, "Ergodic theory." Plenary talk.
49. International Conference on the 2nd Law of Thermodynamics, San Diego, CA, 28-31 July 2002.
50. 50th anniversary meeting of Korean Phys. Soc., Seoul, 24-26 Oct. 2002, "Ergodic hypothesis."
51. 33rd Winter Colloquium on the Physics of Quantum Electronics," 5-9 Jan. 2003, Snowbird, Utah, "Carnot cycle for photon gas."
52. 11th Workshop on the Physics of Nonideal Plasmas PNP-11," 20-25 Mar. 2003, Valencia, Spain, "Fermi Bose equivalence in 2d."
53. 16th Smoluchowski Symposium on Statistical Physics, 6-11 Sept. 2003, Zakopane, Poland, "Fermi Bose equivalence."
54. 34th Winter Colloquium on the Physics of Quantum Electronics, 4-8 Jan. 2004, Snowbird, Utah, "Fermii-Bose Equivalence in 2d."
55. First Hawaii International Conference on Science, 14-18 Jan. 2004, Honolulu, Hawaii, "Thermal Periodic Table."
56. MCC04, 21-26 June 2004, Dubrovnik, Croatia, "Love in van der Waals Equation."
57. Workshop on Transport in Complex Systems, 8-12 August 2004, Porto Alegre, Brazil, "Love in van der Waals Equation."
58. 17th Smolochowski Symposium on statistical Mechanics, 4-9 Sept. 2004, Zakpane, Poland, "Love in van der Waals Equation."
59. Korean Physical Society Annual Fall Meeting, 21-23 Oct. 2004, Jeju Island, Korea, "Fermi-Bose Equivalence in 2d."
60. International Conference on Couolomb Systems SCCS-2005, 17-24 July 2005, Moscow, Russia, "Testing the ergodic hypotheses with electron gas models."
61. NEXT-Sigma Phi Conference on statistical mechanics, 13-18 Aug. 2005, Kolymbari, Crete, Greece, "Why does the ergodic hypothesis work?"

62. Centennial Smoluchowski Int. Symposium, 14-17 May 2006, Krakow, Poland. "Ergodic hypothesis for Hermitian many-body models."
63. 30th Int. Workshop on Condensed Matter Theories, 5-10 June 2006, Dresden, Germany. "Ergodic hypothesis."
64. Wissenschaftliche Kolloquium, 23 June 2006, Osnabruck, Germany. "Ergodic hypothesis."
65. 2nd Int. Conf. on Nonequilibrium Statistical Mechanics," 3-6 July 2006, Seoul, Korea. "Ergodic hypothesis and infinite products."
66. 37th Winter Colloquium on PQE, 2-6 January 2007, Snowbird, Utah. "How valid is the ergodic hypothesis?"
67. Workshop on the dynamics of complex systems, 11-15 March 2007, Natal, Brazil. "Ergodic hypothesis and its validity."
68. 20th Smoluckowski Symposium on statistical physics, Zakopane, Poland, 22-27 Sept. 07. "Birkhoff theorem and ergometer."
69. 31st Workshop on Condensed Matter Theories, CMT 31, Bangkok, Thailand, 3-8 Dec. 07. "Birkhoff theorem and ergometer: Meeting of two cultures."
70. 38th Winter meeting of Physics of quantum electronics PQE, 6-9 January 08, Snowbird, Utah. "Birkhoff's theorem and ergometer."
71. Internat. conf. on statistical physics Sigma Phi 2008, 14-18 July 2008, Crete, Greece. "Birkhoff theorem and ergometer: meeting of two cultures."
72. 32nd Internat. workshop on Condensed Matter Theories CMT32, 13-18 August 2008, Loughboro, UK. "Ergodicity and chaos in systems of HOs."
73. 21st Smoluchowski symposium on statistical physics, 13-18 September 2008, Zakopane, Poland. "Anomalous behavior of the chemical potential."
74. Internat. mini-workshop on different faces of diffusion, 19 September 2008, Gliwice, Poland. "Fick's law."
75. Annual meeting of Korean Physical Soc., 25-26 October 2008, Kwanju, Korea. "Retrospective on my career from 1970s to 2000s."
76. 39th Winter meeting of Physics of quantum electronics PQE, 4-8 January 08, Snowbird, Utah. "Ergodicity and chaos in harmonic oscillators."
77. 33rd Int workshop on Condensed Matter Theories CMT33, 16-22 August 2009, Quito, Ecuador. "Is there chaos in a linear harmonic oscillator chain?"
78. 6th Int Meeting on relaxation in complex systems, Aug 30-Sept 5, 2009, Rome, Italy. "Relaxation function and ergodicity in Hermitian many-body systems."
79. 22nd Smoluchowski symposium on statistical physics, 12-17 September 2009, Zakopane, Poland. "Ergometric theory of the ergodic hypothesis."
80. 40th Winter Meeting of Physics of Quantum Electronics (PQE), Snowbird, Utah 3-6 January 2010. "3-cycles and Sharkovskii theorem."
81. 6th Int conf on Analytic and Algebraic Methods in Physics, 10-11 May 2010, Prague, Czech Rep. "Superstable 3-cycle" (Plenary invited talk).
82. 2nd int workshop on Complex Systems, 30 August-1 Sept 2010, Brasilia, Braz. "A 3-cycle problem in the logistic map and Sharkovskii theorem."
83. 23rd Smoluchowski symposium on stat. phys. 26-30 Sept 2010, Krakow, Poland. "3-cycles in logistic map and Sharkovskii theorem."
84. 7th internat. conf. on analytical and algebraic methods in physics, March 17-18, 2011, Prague, Czech Rep. "Cyclic solutions in chaos."
85. Advanced many-body and statistical methods in mesoscopic systems, June 27-July 2, 2011, Constanta, Romania, "Dynamics of a finite system."

86. 24th Smoluchowski symposium on statistical physics, 17-22 September 2011, Zakopane, Poland, "Cyclic solutions in chaos and Sharkoskii theorem."
87. 34th int. workshop on condensed matter theories. 7-11 Nov. 2011, Pohang, S Korea. "Cyclic solutions in chaos, Sharkovskii theorem and isomorphism."
88. 9th int conf on analytical and algebraic methods in physics. 12-15 December 2011, Prague, Czech Rep. "Sharkovskii theorem.II."
89. 10th int. conf. on analytical and algebraic methods in physics, 2-6 June 2012 (Prague, Czech Rep.), "Reforming method for the fixed point analysis"
90. 25th Smoluchowski symposium on statistical physics, 9-13 September 2012, Krakow, Poland. "Defining chaos from first principles"
91. Int. workshop on nonequilibrium dynamics, 1-26 July 2013, Chinese Acad. Sciences, Beijing China. "Analytical approach to the logistic map toward defining chaos from first principles and relating chaos to ergodicity," (plenary talk)
92. 11th int conf on analytical and algebraic methods in physics, 30 Oct. - 1 Nov. 2013 (Prague, Czech Rep.), "General and complete solutions of the 3-cycle problem in the logistic map."
93. Workshop on the dynamics of complex systems, 9-13 Feb. 2014, Brasilia, Braz., "Making repulsive fixed points attractive."
94. Int. seminar on current trends in quantum gases, 3-6 March 2014, Chandigarh, India. "Understanding ergodicity from chaos."
95. Sigma Phi 2014. 7-10 July 2014 Rhodes, Greece. "Understanding ergodicity from chaos."
96. Advanced many-body and statistical methods, 1-5 Sept. 2014, Brasov, Romania, "Unattainability of $T=0K$ and BEC."
97. 27th Smoluchowski symposium in statistical physics, 22-26 September 2014, Zakopane, Poland, "Unattainability of $T=0K$ and BEC."

C. Colloquia and Seminars Given

1. Physics Department, Western Reserve University, Cleveland OH, 1967.
2. Theoretical Physics Institute, University of Alberta, Edmonton, Canada, 1967.
3. Physics Department, Ohio State University, Columbus OH, 1969.
4. Applied Mathematics Department, Brookhaven Nat. Lab., Long Island NY, 1969.
5. Center for Materials Science and Engineering, MIT, Cambridge MA, 1970.
6. Mechanical Engineering Department, University of Minnesota, Minneapolis MN, 1971.
7. Health Science and Technology, Harvard-MIT, Cambridge MA, 1971.
8. Physics Department, University of Akron, Akron OH, 1971.
9. Health Science and Technology, Harvard Medical School, Boston MA, 1973.
10. Department of Physics and Astronomy, University of Georgia, Athens GA, 1973.
11. Computing Science Department, University of Georgia, Athens GA, 1975.
12. Department of Physics and Astronomy, University of Georgia, Athens GA, 1976.
13. Institute for Physics, Beograd, Yugoslavia (invited 1976).
14. Institute for Theoretical Physics, University of Louvain, Belgium, 1976.
15. Institute for Physics, Ljubljana, Yugoslavia (invited 1976).
16. Department of Physics and Astronomy, University of Georgia, Athens GA, 1977.

17. Department of Physics, University of Porto, Portugal, July 1979.
18. Department of Physics, Seoul National University, April 1980.
19. Department of Physics and Astronomy, University of Georgia, Oct. 19 and 26, 1981.
20. Physics Department, Seoul National University (Korea), June 7, 1982, "Physics of Two-Dimensional Electronic Systems."
21. Physics Department, Korea Institute for Advanced Study, June 8, 1982, "Dynamic Theory as a Problem in Hilbert Space."
22. Physics Department, Korea University, June 9, 1982, "Phase Transitions and the Spin van der Waals."
23. Physics Department, Georgia Institute of Technology, October 6, 1982, "Generalized Langevin Equation: A New Approach."
24. Physics Department, Emory University, October 28, 1982. "Generalized Langevin Equation: A New Approach."
25. Department of Physics and Astronomy, University of Georgia, November 11, 1982, "The Generalized Langevin Equation."
26. Physics Department, Emory University, November 18, 1982, "The Physics of Two-Dimensional Electronic Systems."
27. Department of Physics, University of Georgia, Athens GA, October 13, 1983, "Can the Velocity Autocorrelation Decay Exponentially?"
28. Physics Department, Virginia Commonwealth University, Richmond VA, October 18, 1983, "Can the Velocity Autocorrelation Decay Exponentially?"
29. Physics Department, Virginia Polytechnical Institute and State University, Blacksburg VA, December 7, 1983, "Generalized Langevin Equation."
30. Physics Department, Clemson University, Clemson SC, January 26, 1984, "Can the Velocity Autocorrelation Function Decay Exponentially?"
31. Chemistry Department, University of Georgia, January 31, 1984, "New Approach to Nonequilibrium Statistical Mechanics."
32. Physics Department, Lehigh University, Bethlehem PA, June 26, 1984, "Long Time Behavior of a Spin in a Spin Lattice: Brownian Analogy."
33. Department of Physics and Astronomy, University of Georgia, November 7, 1985, "The Electron Gas Model and the Dynamic Structure of Metals."
34. Solid State Division, Oak Ridge National Laboratory, January 23, 1986, "The Method of Recurrence Relations and Its Application to Many-Body Problems."
35. Solid State Seminar, University of Georgia, April 28, 1986, "Applications of Dimensional Regularization and Hypergeometric Function."
36. CNR, Rome Italy (National Research Council of Italy), April 22, 1987, "Method of Recurrence Relations and Applications to Many-Body Systems."
37. Physics Department, University of Rhode Island, Kingston RI, December 4, 1987, "Method of Recurrence Relations and Applications to Many-Body Systems."
38. Institute for Nonlinear Science, University of California, La Jolla, San Diego CA, January 16, 1988, "Method of Recurrence Relations and Applications."
39. Physics Department, University of South Carolina, February 18, 1988, "Method of Recurrence Relations and Time Evolution in a Harmonic Oscillator Chain."
40. Department of Physics and Astronomy, University of Georgia, March 31, 1988, "Method of Recurrence Relations in a Harmonic Oscillator Chain."
41. Daewoo Foundation Lectures in Statistical Physics, Seoul, Korea, April 23, 1988, "Method of Recurrence Relations in a Harmonic Oscillator Chain."

42. Physics Department, University of Belgrade, Yugoslavia, June 27, 1988, "Method of Recurrence Relations in Nonequilibrium Statistical Mechanics."
43. Physics Institute, University of Pisa, Italy, June 29, 1988, "Dynamic Equivalence Between 2D Electron Gas and a Classical 1D Harmonic Oscillator Chain."
44. Nuclear Physics Institute, Academy of Sciences of Czechoslovakia, Rez, Czechoslovakia, June 22, 1990, "Recurrence Relations Method."
45. Department of Physics and Astronomy, The University of Georgia, April 4, 1991, "Slow Decay in a Spin Model."
46. Physics Department, Clemson University, April 25, 1991, "Slow Decay."
47. Math.Physics Institute, Leningrad State University, May 27, 1991, "Method of Recurrence Relations and Nonequilibrium Statistical Mechanics."
48. Physics Department, Pusan National University, Korea, Oct. 7, 1991, "Recurrence Relations Method."
49. Physics Department, LSU, Baton Rouge, LA, Feb. 20, 1992, "Slow Decay."
50. Institute for Theoretical Physics, Erlangen-Nurnberg University, Germany, June 29, 1992, "An Exact Solution of the Dynamic Structure of an Electron Gas."
51. Institute for Theoretical Physics, Katholiek Universiteit, Leuven, Belgium, July 2, 1992, "An Exact Solution of the Dynamic Structure of an Electron Gas at $r_s=3.5$."
52. Physics Department, The University of Georgia, "Very Deep Inelastic Neutron Scattering and Asymptotic Freedom," Apr. 15, 1993.
53. School of Science, Manhattan College, NY, (Lecture Series by Prominent Scientists), "How to Study Time Evolution," Nov. 19, 1993.
54. Physics Department, The University of Georgia Condensed Matter Seminar, "The Structure Factor and Price's Inequality," 1/10/95.
55. Physics Department, Clemson University, "Polylogs and Statistical Physics," 2/16/95.
56. Physics Department, The University of Georgia Colloquium, "Can One Unify the Statistical Thermodynamics of the Ideal System?," 3/2/95.
57. Microelectronics Department, Trinity College, Dublin, Ireland, "Polylogs and the Unification of Statistical Thermodynamics," 7/14/95.
58. Institute of Theoretical Physics, Erlangen-Nurnberg University, Erlangen, Germany, "Polylogs and Statistical Thermodynamics," 7/21/95.
59. Korea Advanced Institute of Science and Technology, (KAIST), Taejon, Korea, "Polylogs and Statistical Thermodynamics," 10/26/95.
60. Physics Department, Kyungbook National University, Taegu, Korea, "Recurrence Relations Methods in Condensed Matter Physics," 10/30/95.
61. Physics Department, Pusan National University, Pusan, Korea, "Polylogs and the Unification of Ideal Statistical Thermodynamics," 11/1/95.
62. Department of Physics and Astronomy, The University of Georgia, "Some Consequences of the Unified Thermodynamics of Quantum Gases," 11/14/96.
63. Department of Physics, Clemson University, "Unifying Statistical Thermodynamics of Ideal Gases and Some Consequences," 9/11/97.
64. UGA, "Minimum period of oscillation in a meterstick," 4/17/98.
65. Department of Physics, Manhattan College, "A Thermal Periodic Table?" 4/30/98; "Is there any interesting physics in the swing of a meterstick?" 5/1/98.
66. Physics Department, Chunbook Nat'l Univ., Cheonju, Korea, "What interesting physics in the swing of a meterstick?" 8/12/98.

67. Max Planck Institute of Microstructure Physics, Halle, Germany, "Time evolution of many-body systems," 9/6/98.
68. Physics Department, SUNY Buffalo, NY, 4/29/99, "Thermal Periodic Table."
69. Institute for Advanced Study, Seoul, Korea, 6/16/99, "Thermal Periodic Table."
70. Institute Advanced Study, Seoul, Korea, 6/23/99, "Kubo's formula."
71. Department of Physics, KAIS, Taejon, Korea, 6/25/99, "Kubo's Formula."
72. Physics Department, Clemson University, 11/4/99, "Time Evolution."
73. Physics Dept., Univ. of N. Texas, Denton, TX, 4/7/00, "Fick's Law of Diffusion."
74. Physics Dept., Rostock Univ., Rostock, Germany, 5/9/00, "Fick's Law of Diffusion."
75. Physics Department, Pohang University of Science and Technology, Pohang, Korea, 9 June 2000, "Fick's law of diffusion."
76. Institute for Advanced Study, Seoul, Korea, 23 June 2000, "Fick's law of diffusion."
77. Physics Department, University of Sao Paulo, Brazil, 26 July 2000, "Fick's law."
78. Physics Department, Federal University of Minas Gerais, Belo Horizonte, Brazil, 1 August 2000, "Statistical physics and polylogs."
79. Physics & Astronomy Department, UGA, 8/23/00, "Fick's law."
80. Inst. for Theoretical Physics, Tech. Univ. of Berlin, Ger., 9/8/00, "Fick's law."
81. Dept. of Physics, University of Florence, Italy, 2/6/01, "Fick's law."
82. NRC Institute of quantum electronics, Florence, Italy, 2/7/01, "Recurrence relations method and results."
83. Physics Department, University of Rome, Italy, 2/8/01, "Fick's law."
84. Department of Physics, Calif. Stat. Univ. at Long Beach, 3/26/01, I. "Fick's law," and II. "Ergodic theory."
85. Institute for Advanced Study, Seoul, Korea, 4/25/01, "Ergodic theory."
86. Institute for Advanced Study, Seoul, 6/18/01, "Carnot cycle for photon gas?"
87. University of Rome, Italy, 3 Dec. 01, "Ergodic theory."
88. University of Georgia, 17 Jan. 02, "Ergodic theory."
89. Korea University, Seoul, 4/22/02, "Ergodic theory."
90. Seoul University, 4/23/02, "Ergodic theory."
91. University of Fluminense, Nitero, Brazil, 5/6/02, "Ergodic theory."
92. University of Brasilia, Brazil, 5/14/02, "Ergodic theory."
93. University of Sao Paulo, Brazil, 5/16/02, "Ergodic theory."
94. Inst. for Advanced Study, Seoul, Korea, 23 Oct. 02, "Fermi Bose equivalence."
95. Physics Department, Autonomous Univ. of Barcelona, Spain, 18 Mar. 2003, "Fermi Bose equivalence."
96. Physics Department, Autonomous Univ. of Madrid, Spain, 18 Mar. 2003, "Fermi Bose equivalence."
97. Physics Department, UGA, 28 Mar. 2003, "Fermi Bose equivalence."
98. Korea Institute for Advanced Study, Seoul, 30 April 2003, "Why do ideal gases behave similarly in 2d?"
99. Physics Department, Duquesne Univ., Pittsburgh, 14 May 2003, "Why do ideal gases behave similarly in 2d?"
100. Institute for Advanced Study, Seoul, Korea, 28 April 2004, "Love in the van der Waals Equation."
101. Physics Institute, Univ. of Rome II, 21 June 2004, "Love in the van der Waals Equation."

102. Physics Institute, Univ. of Sao Paulo, Brazil, 13 Aug. 2004, "Love in the van der Waals Equation."
103. Physics Department, Univ. of Georgia, 23 Sept. 2004, "Love in the van der Waals Equation."
104. Department of Physics, Boston College, Chestnut Hill, MA, 13 Nov. 2004, "Love in the van der Waals Equation."
105. Physics Department, Dartmouth College, Hanover, NH, 3 March 2005, "Love in van der Waals equation."
106. Korea Institute for Advanced Study, 27 April 2005, Seoul, Korea, "van der Waals equation II."
107. Korea Institute for Advanced Study, 26 April 2005, Seoul, Korea, "Ergodic hypothesis."
108. Physics Institute, Dortmund Univ., Dortmund, Germany, 19 June 2006. "Ergodic hypothesis and ergodic condition."
109. Physics Dept., SUNY, Buffalo, New York, Nov. 16, 2006, "How valid is the ergodic hypothesis?"
110. Physics Dept., Univ. of North Texas, Denton TX, 20 Feb. 2007, "Birkhoff theorem and ergodic hypothesis."
111. Institute for Advanced Study, Seoul, Korea, 26 April 2007, "Ergometer and ergometry."
112. Fed. Univ. Fluminense, Niteroi, Brazil, June 6, 2007. "Why irreversibility is not a sufficient condition for ergodicity?" (seminar)
113. Fed. Univ. Fluminense, Niteroi, Brazil, June 7, 2007. "Ergometer and ergometry." (colloquium)
114. Univ. Sao Paulo, Brazil, June 8, 2007. "Why irreversibility is not a sufficient condition for ergodicity?" (seminar)
115. UGA Physics, Sept. 6, 2007. "Ergometer and ergometry."
116. Chungbuk Nat. Univ., Korea, Oct 26, 2007. "Ergometer and ergometry."
117. Department of Physics, Korea Univ., Seoul, Korea. 22 April 2008 "Chaos and chaotic dynamics."
118. Institute of Physics, University of Pisa, Pisa, Italy, 29 July 2008. "Birkhoff theorem and ergometer."
119. Physics at UGA, 6 November 2008. "Logarithmic diversion in statistical mechanics."
120. Physics Department, State Univ of New York (SUNY) at Buffalo, 24 February 2009. "Chaos in harmonic oscillator chains."
121. Korea Institute for Advanced Study, Seoul, Korea, April 22, 2009. "Polylogs and log diversion."
122. University of North Texas, Denton, TX, Nov 24, 2009. "3-cycle in the logistic map and Sharkovskii theorem."
123. Physics Dept., Univ of Texas at San Antonio, Tx., Feb 5, 2010 "What is chaos?"
124. Dept. Physics, Univ of Georgia, April 1, 2010. "On the history of the recurrence relations method and application to ergodic hypothesis"
125. Institute for Advanced Study, Seoul, Korea, April 20, 2010. "What is chaos?"
126. Phys Dept., Univ of Fluminense, Niteroi, Brazil, Sept 3, 2010. "What is chaos?"
127. Physics Dept., Seoul Nat. Univ. Oct 27, 2010. "What is chaos and why is it implied by 3-cycles?"

128. Physics Department, SUNY Buffalo, New York, Feb 24, 2011. "3-cycles and chaos"
129. Korea Institute for Advanced Study, Seoul, Korea, April 28, 2011. "What is chaos? part II"
130. Physics Institute, University of Budapest (Eotvos), Hungary, July 26, 2011. "The 3-cycle problem in the logistic map."
131. Physics Department, Univ of Houston, Texas, August 30, 2011. "What is chaos?"
132. Physics Department, Changwon Univ. Changwon, Korea. 11 Nov. 2011. "Introduction to chaos."
133. Physics Dept., UGA. 12 Jan 2012. "Chaos and 3-cycle: Tales from UGA physics."
134. Physics Dept. Univ of Rome II, March 14, 2012, "What defines chaos?"
135. CNR, Florence, Italy, March 15, 2012, "What defines chaos?"
136. Inst. Adv. Study, Seoul, S Korea, April 23, 2012, "How to define chaos?"
137. Physics Dept., Univ of Western Ontario, London, Canada, Oct 18, 2012, "Defining chaos the physics way"
138. Inst. for Adv. Study, Seoul, S Korea, Nov 8, 2012, "Fixed point analysis"
139. Physics Dept., Fed Univ of Fluminence, Niteroi, Brazil, Dec. 12. 2012, "Defining chaos the physics way"
140. Physics Dept., Fed Univ of Fluminence, Niteroi, Brazil, Dec 13, 2012, "Reforming method for the fixed point analysis" (seminar)
141. Instittue for Fundamental Physics, Univ. of Barcelona, Spain, 13 March 2013. "Trigonal relation."
142. Institute of Physics, Charles Univ., Prague, Czech Rep. July 9, 2013. "Analytical approach to the logistic map."
143. Korea Institute for Advanced Study, Seoul, S. Korea, 27 Sept. 2013, "Analytical approach to chaos."
144. Department of Physics and Astronomy, UGA, Oct 23, 2014
Advances made in the theory of chaos at UGA
145. Korea Institute for Advanced Study, Nov. 5, 2014, Seoul, Korea
On unattainability of $T=0K$ and BEC

D. Conference Sessions Chaired

1. Int. Symposium on the Properties and Applications of Metal Hydrides, Maubuisson, France, May 25-30, 1986 - Session on Reaction Kinetics.
2. Int. Conf. on Graph Theory and Topology, Mar. 15-20, 1987, Athens, Georgia.
3. Int. Conf. on Mathematics, Chemistry and Computer Science, Jun. 25-30, 1990, Dubrovnik, Yugoslavia.
4. Int. Workshop on Mathematical Aspects of Scattering Theory, May 22-25, 1991, Leningrad, USSR.
5. Int. Conf. on Coulomb Systems, Boston, MA, August 3-10, 1997.
6. 2nd Caribbean Workshop on Quantum Mechanics, Havana, 22-26 March 1999.
7. Int. Workshop on Nonextensive Thermodynamics, Denton, TX, 3-6 April 2000.
8. Third Caribbean workshop on quantum mechanics, fields and particles, Havana, Cuba, 15-23 Dec. 2000.

9. Int. Conf. on the 2nd law of thermodynamics, San Diego, CA, 28-31 July 2002 (plenary session).
10. First Hawaii Conference on Science, 14-18 Jan. 2004, Honolulu, Hawaii.
11. 17th Smolochowski Symposium on Stat. Phys., 4-5 Sept. 2004, Zakopane, Poland.
12. 35th Winter Colloquium The Physics of Quantum Electronics, 2-7 Jan. 2005, Snowbird, Utah (plenary session).
13. Centennial Smoluchowski Int. Symposium, 14-17 May 2006, Krakow, Poland (plenary session).
14. 2nd Int. Conf. on Nonequilibrium Statistical Mechanics, 3-6 July 2006, Seoul.
15. 20th Smulochowski symposium, Zakopane, Poland, 22-27 Sept. 2007.
16. International conf. of statistical physics, 14-18 July 2008, Crete, Greece.
17. 21st Smoluchowki symposium statistical physics, 13-18 September 2008, Zakopane, Poland.
18. 22nd Smoluchowski symposium statistical physics, 12-17 September 2009, Zakopane, Poland.
19. 6th int conf on Analytic and Algebraic Methods, May 10-11, Prague, Czech Rep.
20. 2nd Int Workshop on complex systems, Aug 30-Sept 2, 2010, Brasilia, Brazil.
21. 7th international conf. on analytical and algebraic methods in physics, March 17-18, 2011, Prague, Czech Republic.
22. 24th Smoluchowski symposium on statistical physics, 17-22 September 2011, Zakopane, Poland.
23. 9th int. conf. on Analytical and algebraic methods in physics. Dec 12-15, 2011.
24. 10th int conf on analytical and algebraic methods in physics, 2-6 June 2012, Prague, Czech Rep.
25. 10th int conf on analytical and algebraic methods in physics, 28 Oct. - 1 Nov. 2013, Prague, Czech Rep.
26. Workshop on dynamics of complex systems, 9-13 February 2014, Brasilia, Brazil

E. Research Grants

1. NASA - "Research Concerning Feasibility and Utility of Critical Phenomenon Experiment Carried Out in the Absence of the Earth's Gravitational Field," (jointly with H. E. Stanley), \$8,000, one year, 1970. [at MIT]
2. NIH - "Thermodynamic, Statistical Mechanical and Structural Study of Transport Mechanisms in Synthetic and Biological Membranes," (jointly with S. R. Caplan of Harvard, A. Essig of Tufts, and H. E. Stanley of MIT). \$50,000 per year (MIT's share) for 5 years, beginning in 1972. USPHS HL - 14322. [at MIT]
3. Research Corporation - "Nonequilibrium Statistical Mechanics," 1032RR185-030, \$8,500, one year, 1974.
4. NATO - "Equilibrium and Nonequilibrium Critical Behavior of the XY Model," #1024, 320,000 bfs (approximately \$9,000), 1975-1977.
5. AFOSR - "Band Calculations on Ferroelectric and Piezoelectric Solids," J. H. Henkel, C. A. Uzes, and M. H. Lee, 76-3045-B, \$60,000, 1977-1978.

6. ERDA - "A Study of Mechanisms of Hydrogen Diffusion in Separation Devices," EG-77-S-09-1023, \$44,520, 1977-1978.
7. DOE-ERDA - "A Study of Mechanisms of Hydrogen Diffusion in Separation Devices," EG-77-S-09-1023, \$52,077, 1978-1979.
8. NSF ETPC LEE-UZES - "Eastern Theoretical Physics Conf.," M. H. Lee and C. A. Uzes, PHY-7825980, \$4,800, 1979.
9. DOE - "A Study of Mechanisms of Hydrogen Diffusion in Separation Devices," DE-AS09-77ER01023, \$58,397, 1979-1980.
10. NATO - "Equilibrium and Nonequilibrium Critical Behavior of the XY Model," No. 1024, \$6,000, 1979-1980. Also supplementary award of \$1,300.
11. DOE - "A Study of Mechanisms of Hydrogen Diffusion in Separation Devices," DE-AS09-77ER01023, \$65,395, 1980-1981. Renewal, \$66,933 through August 7, 1982.
12. DOE - (Same as #11, renewed, \$101,521 through February 7, 1984.)
13. DOE - (Same as #12, renewed, \$77,000 through February 7, 1986.)
14. ONR - "Graph Theoretical and Topological Approach," \$239,239, 1985-1988. \$1.2 million project with R. B. King and E. R. Canfield.
15. NSF - "Dynamical Local Field and Structure of an Electron Gas at Metallic Densities," \$21,250, 1986-1991.
16. Navy - (see #14) renewed for \$79,662, 1986-1987.
17. Navy - (see #14) renewed for \$67,305, 1987-1988.
18. ARO - "Interdisciplinary Study in Physical Mathematics," \$171,112, 1987-1988. MHL is the P.I. for an eight-member team from Physics, Mathematics and Computer Science.
19. Wang Foundation Grant, \$5,000, 1988-1989.
20. Renewal of the ARO grant (see #18), \$35,000, 1988-1989.
21. Renewal of Wang Foundation grant (see #19), \$5,000, 1989-1991.
22. Renewal of ARO grant (see #20), \$35,000, 1989-1991.
23. ARO - "Analytical Theory of Continued Fractions and Time Evolution in Many-Body Systems," \$90,000, 1991-93.
24. NSF - "Dynamical Local Field and Structure of an Electron Gas at Metallic Densities," \$20,250, 1991-93. (renewal of #15)
25. NATO - "Mechanisms of Slow Decay in Hermitian Many-Particle Systems," BF 124,000, 1993-95. Renewed 1995-97, BF 126,000.

Summary on Grants: (since coming to Georgia, 1973)

Total Number - 11

Total Sum - \$1,148,483

F. Miscellaneous Professional Services

1. National Academy of Sciences Bilateral Exchange Program, host for Professor K. Ljolje, Institute of Physics, Sarajevo, Yugoslavia, October 1969.
2. Panel member, NASA Study on Gravity-Free Experiments, Houston, TX, 1972.
3. External Advisory Member for Promotion, City University of New York, 1974.
4. External Advisory Member for Promotion, SUNY Binghamton, 1978.
5. Co-Chairman, 17th Eastern Theoretical Physics Conf., Jan. 11-13, 1979, Athens, GA.

6. Local Committee, 27th Conf. on Magnetism, Nov. 10-13, 1981, Atlanta.
7. Panel on Hydrogen Economy, 4th Miami Int. Conf. on Alternative Energy Sources, Dec. 14-15, 1981, Miami Beach, Fl.
8. External Advisory Member for Promotion, Montana State University, 1982.
9. External Advisory Member for Promotion, Technion, Haifa, Israel, 1985.
10. External Advisory Member for Promotion, University of Rhode Island, 1986.
11. External Advisory Member for Promotion, University of South Carolina, 1989.
12. Committee to select the best student paper, 5th Int. Conf. on Mathematics, Chemistry and Computer Science, June 25-30, 1990, Dubrovnik, Yugoslavia.
13. External Advisory Member for Promotion, University of Toledo, 1990.
14. External Advisory Member for Promotion, University of Rhode Island, 1990.
15. External Advisory Member for Tenure, University of South Carolina, 1991.
16. Summary Talk, 5th Int. Workshop on Statistical Physics, Korean Physical Society, Oct. 3-5, 1991, Seoul, Korea.
17. Scientific Committee, Math/Chem/Comp, 1993-1996, Dubrovnik.
18. External Advisory Member for promotion, University of South Carolina, 1996.
19. External examiner for Ph.D. thesis, University of Melbourne, Australia, winter 1997.
20. External examiner for Ph.D. thesis, Panjab University, India, spring 1997.
21. External advisory member for promotion, University of South Carolina, 1997.
22. Member, Scientific Advisory Committee, Second Caribbean School of Quantum Mechanics, Particles and Fields (1998-99).
23. External advisory member for promotion, University of South Carolina, 1998.
24. Editor, News letter, AKPA, 1999-
25. External advisory member for promotion, RMC, Ottawa, Canada, 2000.
26. External advisory member for promotion and tenure, SUNY Buffalo, 2000.
27. Member, Scientific Comm. for third Caribbean workshop on quantum mechanics, fields and particles, Havana, Cuba, 12-22 Dec. 2000.
28. Chairman, APCTP symposium on dynamics of many-particle systems, 24 July 2000, Seoul, Korea.
29. Chairman, APCTP symposium on many-body dynamics and applications, Seoul, Korea, 21-21 June 01.
30. Award Comm., Outstanding Young Researcher Award, Assoc. of Korean phsicists in America (AKPA), 2002-
31. Int. Scientific Comm., the Centennial M. Smolchowski symposium on Statistical Physics, Krakow, Poland, 14-17 May 2006.
32. Int. Scientific comm. for 20th Smoluchowski Symposium, Zakopane, Poland, 2007.
33. External examiner, Ph.D. thesis, Univ. Joensuu, Finland, Aug. 2007.
34. Int. scientific comm. for the 21st Smoluchowski symposium, Zakopane, Poland, 2008.
35. Int. scientific comm. for the 22nd Smoluchowski symposium, Zakopane, Poland, 2009.
36. Elected member of the advisory boad for SCCS conf series (2010).
37. International organizing committee for Advanced many-body and statistical methods in mesoscopic systems June 27-July 2, 2011, Constanta, Romania
38. International advisory committee for Advanced many-body and statistical methods II, 1-5 Sep., 2014, Brasov, Romania

39. Int scientific comm., 27th Smoluchowski symposium, 22-26 September 2014, Zakopane, Poland.

G. Dissertation Supervision

a. For S.B.:

1. A. Nihat Berker, MIT (1971), jointly with H.E. Stanley.
"Solutions of Binding Site Models of Membranes."
Now on faculty, Department of Physics, MIT.

b. For M.S.:

1. Sukh Kun Oh, The University of Georgia (1978)
"The Three-Dimensional XY Model: Spin Dependence."
Now on faculty, Chungbuk National University, Korea.

c. For Ph.D.:

1. David N. Lambeth, MIT (1973), jointly with H.E. Stanley.
"Properties of Realistic Models of Magnetic Materials."
Now on faculty, Carnegie Mellon University, Pittsburgh PA.
2. Chiu Shuen Hui, MIT (1973), jointly with H.E. Stanley.
"Cooperative Mechanism of Ion Permeation Through Membranes."
Now on faculty, Department of Biological Sciences, Purdue University.
3. Jongbae Hong, The University of Georgia (1982)
"A Study of Time-Dependent Behavior of Many-Fermion Systems."
Now on faculty, Seoul National University, Korea.
4. In-Mook Kim, The University of Georgia (1982)
"Nonequilibrium Statistical Mechanics of Spin van der Waals Models."
Now on faculty, Korea University, Seoul, Korea.
5. Sukh Kun Oh, The University of Georgia (1983)
"Brownian Motion Theory of the Spin van der Waals Model."
Now on faculty, Chungbuk National University, Korea.
6. Surajit Sen, The University of Georgia (1989)
"Transverse Dynamics of Ising Models in $d = 1, 2, 3$."
Now on faculty, Physics Department, State University of NY at Buffalo.
7. Ming Long, The University of Georgia, (1994), "Temperature-Dependent Behavior of a Free Electron Gas in D Dimensions."
Now at Lotus Development Corp, Cambridge, MA.
8. Jangil Kim, The University of Georgia, (1996), "Time Evolution of Classical Nearest Neighbor Harmonic Oscillators on Fibonacci Lattice."
Now postdoctoral fellow at Pusan National Univ., Pusan, Korea.
9. William P. Cummings, The University of Georgia
(deceased 1995)
10. Eduardo Pestana, University of Georgia, (2011), "Application of the Recurrence Relations Method to a Many Body Model for the Study of Irreversibility and Ergodicity." (Now on the faculty of Simon Boliva Univ., Caracas, Venezuela.)

d. Postdoctoral Fellow Supervision:

1. Dr. Salil Banerjee, 1977-1981 (Ph.D. SUNY, Stony Brook, 1977).
Now on staff, Bell Laboratories, Holmdel NJ.
2. Dr. Natthi Lal Sharma, 1981-1984 (Ph.D. Ohio University, 1981).
Now on faculty, Physics Department, Colorado State, Fort Collins CO.
3. Dr. Joao Florencio, 1984-1987 (Ph.D. University of Cincinnati, 1983).
Now on faculty, Physics Department, Penn State University, Altoona PA.
4. Dr. Elena Sevilla, 1987-1989 (part time; Ph.D. Cornell University, 1987).
5. Dr. Ming-Bao Yu, 1988 (People's Republic of China).
6. Dr. Jae-Wha Kim, 1988-1989 (Ph.D. Korea University, 1986).
7. Dr. Jangil Kim, 1996-1997 (Ph.D., UGA, 1996).
8. Dr. August Wierling, 2001-2002 (Ph.D., Rostock, Germany)

e. For visitors on sabbatical leave

1. Prof. Rita Gianvittorio, Simon Bolivar University, Caracas, Venezuela (2007-8)
2. Prof. Eduardo Pestana, Simon Bolivar University, Caracas, Venezuela (2007-8)
3. Prof. Erica Silva (Fed Univ Mato Grosso, Cuiaba, Brazil (2011-2012)
4. Prof Erica Silva (Fed Univ Mato Grosso, Cuiaba, Brazil (January 2013)
5. Prof Erica Silva (Fed Univ Mato Grosso, Cuiaba, Brazil (Sept. 2013)

H. Refereeing (record kept 1980-present)

1. Phys. Rev. Lett. - October 27, 1980.
2. Prentice-Hall, Inc. (for a textbook) - August 13, 1981.
3. Int. J. Hydrogen Energy - February 18, 1982.
4. Int. J. Hydrogen Energy - June 25, 1982.
5. Phys. Rev. Lett. - November 22, 1982.
6. J. Math. Phys. - December 27, 1982.
7. Phys. Rev. - January 27, 1983.
8. J. Sep. Sci. and Tech. - May 11, 1983.
9. Can. J. Phys. - July 15, 1983.
10. Phys. Rev. - February 17, 1984.
11. Commu. Solid State Phys. - May 22, 1984.
12. Phys. Rev. - June 5, 1984.
13. Phys. Rev. Lett. - August 6, 1984.
14. Phys. Rev. - December 1, 1984.
15. Phys. Rev. - February 29, 1985.
16. Phys. Rev. Lett. - April 24, 1985.
17. Can. J. Phys. - July 19, 1985.
18. Phys. Rev. - September 26, 1985.
19. Phys. Rev. - March 13, 1986.
20. J. Math. Chem. - September 15, 1986.
21. J. Math. Chem. - October 10, 1986.
22. Physica Scripta (Stockholm) - May 1987.
23. Phys. Rev. B - June 1987.

24. Phys. Rev. B (Rapid) - June 1987.
25. J. Math. Chem. - June 1987.
26. Phys. Rev. Lett. - August 1987.
27. J. Math. Chem. - September 14, 1987.
28. J. Math. Chem. - September 16, 1987.
29. J. Math. Chem. - October 21, 1987.
30. Int. J. Hydrogen Energy - November 6, 1987.
31. Phys. Rev. Lett. - November 13, 1987.
32. J. Math. Chem. - February 12, 1988.
33. Phys. Rev. Lett. - March 16, 1988.
34. J. Math. Chem. - March 16, 1988.
35. Phys. Rev. Lett. - July 14, 1988.
36. Phys. Rev. A - August 22, 1988.
37. J. Math. Chem. - August 21, 1988.
38. Computer Phys. Communications - October 18, 1988.
39. Phys. Rev. B - April 7, 1989.
40. Can. J. Phys. - July 22, 1989; September 20, 1989.
41. Phys. Rev. B (Rapid) - September 13, 1989.
42. J. Luminesc. - September 14, 1989.
43. Phys. Rev. B - October 23, 1989.
44. Phys. Rev. B - January 29, 1990; March 20, 1990.
45. Phys. Rev. B - May 31, 1990; July 23, 1990.
46. Phys. Rev. B - July 23, 1990.
47. Phys. Rev. B - September 17, 1990.
48. J. Math. Chem. (Proc. Math/Chem/Comp 1990) - October 5, 1990.
49. Phys. Rev. B - Jan. 29, 1991.
50. Phys. Rev. A - June 11, 1991.
51. J. Math. Chem. (for Proc. Math/Chem/Comp.-1991) -July 9, 1991.
52. Phys. Rev. A. (Rapid) - July 17, 1991.
53. J. Math. Phys. - Aug. 7, 1991.
54. Phys. Rev. B - Aug. 16, 1991.
55. Phys. Rev. B - Sept. 3, 1991.
56. Phys. Rev. B - Nov. 5, 1991.
57. Phys. Rev. Lett. - Feb. 10, 1992.
58. Phys. Rev. B - Mar. 18, 1992.
59. Phys. Rev. B - June 16, 1992.
60. Phys. Rev. A - July 21, 1992.
61. Phys. Rev. B - Oct. 19, 1992.
62. Phys. Rev. Lett. - Dec. 16, 1992.
63. Phys. Rev. B - Feb. 15, 1993.
64. Phys. Rev. Lett. - Mar. 26, 1993.
65. Phys. Rev. B - Mar. 29, 1993.
66. NSF (Theor. Phys.) - Apr. 26, 1993 (proposal).
67. Phys. Rev. Lett. - May 10, 1993.
68. J. Appl. Phys. - Sept. 30, 1993.
69. Phys. Rev. B - Oct. 13, 1993.
70. J. Math. Phys. - Oct. 25, 1993.
71. Phys. Rev. B - Nov. 23, 1993.

72. Int. Science Foundation - Nov. 23, 1993 (proposal).
73. Phys. Rev. Lett. - Dec. 22, 1993.
74. J. Mod. Opt. - Jan. 5, 1994.
75. Phys. Lett. A - April 6, 1994.
76. Can. J. Phys. - May 3, 1994.
77. Phys. Rev. E - June 23, 1994.
78. Phys. Rev. Lett. - August 11, 1994.
79. J. Math. Phys. - Sept. 12, 1994.
80. Phys. Rev. Lett. - Oct. 11, 1994.
81. Phys. Rev. E - Nov. 11, 1994.
82. J. Mod. Opt. - Dec. 10, 1994.
83. Phys. Rev. Lett. - Jan. 26, 1995
84. Phys. Rev. Lett. - Feb. 3, 1995
85. Phys. Rev. Lett. - April 18, 1995
86. Can. J. Phys. - June 13, 1995
87. Australian Research Council (proposal) - June 14, 1995
88. Phys. Rev. Lett. - June 27, 1995; also Aug. 15, 1995
89. Phys. Rev. E - Aug. 15, 1995
90. Phys. Rev. E - Sept. 29, 1995
91. American Chemical Soc. (proposal) - Oct. 16, 1995
92. Phys. Rev. B - Nov. 8, 1995
93. Phys. Rev. B. - 1/16/96
94. J.Phys A. - 2/6/96
95. Phys. Rev. Lett. - 4/9/96
96. Phys. Rev. Lett. - 5/6/96
97. Phys. Rev. Lett. - 6/12/96
98. Australian Research Council (proposal) - 6/17/96
99. Australian Research Council (proposal) - 6/18/96
100. Phys. Rev. B. - 6/18/96
101. Phys. Rev. B. - 7/24/96; 10/2/96
102. Can. J. Phys. - 8/6/96
103. J. Phys. A. - 8/21/96
104. Phys. Rev. Lett. - 8/24/96
105. NSF (proposal) - 9/11/96
106. Phys. Rev. Lett. - 10/4/96
107. J. Phys. CM - 10/9/96
108. Phys. Rev. E. - 11/4/96, 12/6/96
109. Phys. Rev. Lett. - 12/6/96
110. J. Phys. A. - 1/8/97
111. J. Phys. CM - 2/24/97
112. J..Phys. CM - 4/17/97
113. J. Phys. CM - 5/20/97
114. Phys. Rev. E. - 6/27/97
115. J. Phys. A. - 7/17/97
116. Phys. Rev. Lett. - 7/23/97
117. Phys. Rev. Lett. - 8/15/97
118. Phys. Rev. B - 8/18/97, 10/10/97
119. Phys. Rev. E - 11/24/97

120. Phys. Rev. Lett. – 8/20/98
121. Phys. Rev. B. – 9/1/98
122. J. Phys. CM – 9/2/98
123. Phys. Rev. B. – 10/22/98
124. J. Phys. CM – 10/23/98
125. NSF proposal 11/18/98
126. J. Phys. CM – 12/14/98
127. J. Phys. A. – 2/22/99
128. Phys. Rev. Lett. – 2/23/99
129. Phys. Rev. E. – 4/7/99
130. J. Plasma Phys. 5/28/99
131. Phys. Rev. Lett. 5/29/99, 7/10/99
132. J. Phys. A. – 5/31/99
133. Phys. Rev. E. – 6/2/99
134. Phys. Rev. Lett. (LE7700) – 7/24/99
135. Phys. Rev. E. (EFJ725) – 8/6/99
136. App. Math. Lett. (AML2758) – 9/21/99
137. Phys. Rev. B. (BE7388) – 10/6/99
138. Phys. Rev. Lett. (LJ7439) – 10/26/99
139. J. Phys. A. (A/110522/PAP/16756) - 1/25/00
140. Phys. Rev. Lett (LM7562) - 2/3/00
141. NSF proposal (PHY0071481) - 2/14/00
142. J. Phys. CM (111437/pap/16756) - 3/22/00
143. Phys. Rev. B (BRR747) - 5/17/00
144. Phys. Rev. Lett. (LR7465) - 5/23/00
145. J. Phys. A. (11437/pap/16756) - 7/12/00
146. Phys. Rev. Lett. (LT7760) - 8/17/00
147. Phys. Rev. Lett. (LX7723), 12/11/00 and 2/16/01
148. Phys. Rev. A (LT7760T), 12/14/00
149. J. Phys. CM (119768), 1/2/01
150. Phys. Rev. Lett. (LY7659), 1/25/01, 4/13/01
151. J. Phys. A. (119360), 2/16/01
152. Phys. Rev. Lett. (LD8310), 5/21/01; 8/21/01
153. Am. J. Phys. (12421), 6/4/01, 7/10/01
154. J. Math. Phys. (0-397), 7/12/01; 8/30/01
155. Phys. Rev. A. (AFR809), 7/13/01; 8/27/01
156. J. Phys. CM (16756), 7/14/01
157. J. Phys. A. (16756), 8/30/01
158. Phys. Rev. Lett (8008), 11/18/01
159. A.J. Phys. (15340), 11/19/01
160. J. Phys. B (16756), 1/07/02
161. Phys. Rev. Lett. (8642), 1/2/02
162. J. Chem. IC (101307), 1/22/02
163. J. Phys. A. (130568), 1/27/02
164. Am. J. Phys. (15582), 2/18/02
165. J. Phys. CM (133209), 3/28/02
166. J. Math. Phys. (2-0178), 6/10/02
167. Phys. Rev. Lett. (8532), 7/18/02

168. Phys. Rev. A. (AT8014), 9/10/02
169. Phys. Rev. Lett. (LV8440), 9/22/02
170. J. Phys. A. (152685), 10/7/02
171. Science (1078955), 10/28/02
172. J. Phys. A. (154935), 11/11/02
173. Am. J. Phys. (16561), 3/27/03
174. J. Phys. A. (158456), 4/8/03
175. Phys. Rev. E. (ECR895), 5/6/03, 5/20/03
176. Phys. Rev. Lett. (LE9144), 6/4/03
177. Phys. Rev. B. (BD9334), 6/16/03
178. Phys. Rev. Lett. (LF9605), 8/6/03
179. J. Phys. A. (16548), 8/22/03
180. Phys. Rev. Lett. (LH9127), 9/24/03, 12/31/03
181. Am. J. Phys. (1718), 11/24/03
182. Nat. Sci. and Eng. of Canada (RMC), 11/24/03
183. J. Phys. A. (172301), 1/7/04
184. Norwegian Council of Research (162718), 2/23/04 (Proposal)
185. Phys. Rev. Lett. (LP9016), 3/8/04
186. Acta Physica Polonica, 3/27/04
187. J. Math. Phys. (04-0032), 3/28/04
188. J. Phys. A. (17408), 4/14/04 (Adjudication)
189. Phys. Rev. D. (LH9127DR), 4/16/04
190. J. Math. Phys. (04-0016), 5/12/04
191. Am. J. Phys. (18037), 8/20/04
192. Norwegian Council of Research (BS116090), 8/26/04 (Proposal)
193. Adv. in Complex Systems (2004-47), 10/13/04
194. Phys. Lett. A. (BI 4440), 12/10/04
195. J. Math. Phys. (04-0893), 1/21/05, 4/7/05
196. Phys. Rev. E (LF9605E), 2/2/05
197. Phys. Rev. Lett. (LE10564), 3/10/05, 5/12/05
198. J. Phys. A (192272), 3/25/05 (adjudicator)
199. Phys. Rev. A (AX8966), 6/1/05
200. Am. J. Phys. (18762), 5/26/05
201. J. Phys. A (199014), 6/1/05
202. Physica A (ST2621), 7/4/05, R. Yulmetyev, P. Hanggi
203. Phys. Rev. Lett. (LF10391), 7/18/05, 8/25/05, A. Mokshin, P. Hanggi
204. Phys. Rev. B (BHJ1043), 9/21/05, 10/19/05, K. Peiponen
205. European Phys. Lett. (G16900), 12/9/05, F. Oliveira
206. Phys. Rev. Lett. (LL10522, J. Steinbrecher), 12/28/05
207. Phys. Rev. A (LK9533A, J. Li), 2/28/06
208. J. Phys. A. (A217539, D. Anghel), 2/28/06
209. Am. J. Phys. (19495, M. Bedman), 3/10/06
210. Phys. Rev. Lett. (LQ10227, P. Hanggi), 4/7/06
211. J. Phys. CM (221650, C. Pao), 5/5/06
212. Phys. Rev. Lett. (LR19515, Bartolotti), 5/25/06
213. J. Phys. Chem. (063415, J. Yang), 6/28/06
214. Phys. Rev. A. (AH10032, Holzman), 7/13/06
215. Phys. Rev. Lett. (LL10522, J. Steinbrecher), 7/23/06

216. Europhys. Lett. (G17932, F. Oliveira), 9/13/06
217. Am. J. Phys. (19975, S. Verlasco), 10/5/06, 1/11/07
218. Physica Scripta (3976, W. Steeb), 11/28/06
219. Royal Mil. College, Canada, proposal (S. Ranganathan), 12/3/06
220. Physica A (M. Montero), 12/4/06
221. JPA (236770, M. Glasser), 12/18/06
222. J. Phys. A. (241971, Kuy), 2/11/07
223. Phys. Rev. A. (AAJ1039, M. Li), 3/9/07
224. Phys. Rev. Lett. (LD114290, Grigo), 5/7/07; 5/24/07
225. J. Phys. CM (247546, X.Z. Yuan), 5/11/07
226. Phys. Plasmas (31300, Tsintsadze) 5/24/07, 6/27/07, 7/9/07
227. AJP (21108, Shaw) 6/28/07
228. PRE (EG 10389 Fa) 8/16/07
229. PL A (DO 2959 M Yu) 10/3/07
230. PR E (EK 10288, Muller) 10/27/07
231. Phys. Rev. B (BM10810, Kong), 2/15/08, 3/15/08
232. Physica A (D08-00184, Barwinkel) 3/16/08
233. Physica B (08-0232, Apostol) 3/16/08
234. Cent. Eur. J. Phys. (0041 Tsekov) 3/17/08
235. Phys. Rev. B (BS10683, Ristig) 6/11/08
236. Proc. Roy. Soc. Lond. (RSPA 2008-0196, Jodra) 6/19/08
237. Phys. Rev. Lett. (LT11408, Oliveira) 7/8/08
238. J. Phys. A (289639, H. K. Lee) 9/9/08
239. Phys. Rev. Lett. (LX11408, Grigolini) 7/8/08
240. J. Phys. A (A129573, Kalman) 11/5/08
241. Am. J. Phys. (22240, Villaluenga) 11/5/08
242. Am. J. Phys. (22241, Perez-Cordor) 11/5/08
243. Proc. Roy. Soc. Lond. (0464,, Jpdra) 12/6/08
244. Physica A (D-01393-Bai), 1/24/09
245. Physica A (D-09-00063-Yulmetyev), 1/29/09
246. Physica A (D-09-00093-Kong), 2/1/09
247. Phys Rev Lett (LA12244-Bermudez), 5/13/09
248. Phys Rev Lett (LE12640-Grigolini), 6/8/09
249. Am J Phys (22643-Dickersa) 6/30/09
250. Phys Rev B (BV106371-Campbell), 8/12/09
251. Physica A (09-00970-Cvijovic), 10/13/09
252. Phys Rev Lett (LK11819-Hanggi), 10/23/09
253. J Phys Chem Solids, PCS D09-01010(Fujita), 1/9/10
254. PRL (LL12965-Scully) 3/11/10
255. PRE (EU10656-Wierling) 7/30/10
256. Wiley, book proposal, nonequil s.m. (Roepke) 7/31/10
257. NSF proposal (1105005 Kalman) 12/7/10
258. NSER (Canada) 25207-2011 Valluri 12/18/10.
259. PRL (LZ12497, Rubi) 1/22/11.
260. EPL (G25954, D Anghel) 4/15/11
261. Physica A (11169, X Kong) 6/15/11
262. PRE (ET10769, J D Bao) 6/16/11
263. EPJ-b (b110340, A Pires) 6/19/11

- 264. Physica A (11354, J D Bao) 7/19/11
- 265. PRE (ED10779, G Muller) 7/29/11
- 266. EJP B (b110571, A Wierling) 8/8/11
- 267. Physica E (D-11-00245, M DeLlano) 8/11/11
- 268. CJP (2011-0304 S Valluri) 10/2/11
- 269. PRE (AJ10801E, J Frenkel) 10/9/11
- 270. Contrib. Plasma Phys. (20110008, Wierling) 10/29/11
- 271. Same as 269 (resubmission) 12/1/11
- 272. CJP (2011-01040, J Schmidt) 12/3/11
- 273. NSES (Canada/grant proposal: 1657668864, Valluri) 1/2/12
- 274. PRE (EM10797, Romero-Rochin) 1/15/12
- 275. Mod Phys Lett (D-12-00082, Fujita) 3/24/12
- 276. PRL (LP13431 Omalley) 4/5/12
- 277. EPJ (b120545 MB Yu) 7/2/12
- 278. Physica A (12816 Aninahia) 8/16/12
- 279. PRE (LU14129ER, Bao) 8/30/12, 11/15/12
- 280. EPJ (b 120844 MB Yu) 10/9/12
- 281. ICMMPMS (Anghel) 11/19/12
- 282. AJP (Carla) 12/14/12
- 283. Acta Phys. Pol. B (P Weber) 4/6/13
- 284. PRE (EC11178 F Barocchi) 4/6/13
- 285. Appl Phys Lett (L13-02490, K Peipanone) 4/25/13
- 286. Physica A (13-5972 M Yu) 8/9/13
- 287. Physica A (141017, Yu) 8/28/14
- 288. FLN (D-14-00064R, Tsekov) 10/14/14
- 289. Physica A (141091, Yu) 10/14/14
- 290. Rom. J. Phys. (C. Yu, Cherny) 11/15/14
- 291. EPL (G34213, Kalman) 11/30/14

I. Citations (self citation excluded)

a. Books

1. Articles 10, 14 and 15 cited in *Introduction to Phase Transitions and Critical Phenomena*, H. E. Stanley, Oxford University Press, 1971. (3;3)
2. Articles 1, 5 cited in *Statistical Mechanics*, R.K. Pathria, Pergamon, 1973. (2;5)
3. Articles 1, 5, 7 and 11 cited in *Phase Transitions and Critical Phenomena*, Voluem 3, edited by C. Domb and M. S. Green, Academic, 1974. (4;9)
4. Article 28 cited in *Real-space Renormalization*, edited by T. W. Burkhardt and J. van Leeuwen, Springer-Verlag, New York, 1982. (1;10)
5. Article 57 cited in *Memory Function Approaches to Stochastic Problems in Condensed Matter*, edited by M. W. Evans *et al.*, Wiley, New York, 1985.(1;11)

6. Article 64 cited in *Correlations in Electronic and Atomic Fluids*, eds.. P. Jena *et al.*, World Scientific (Singapore, 1990) pp.27-45. (1;12)
7. 12 articles cited (Articles 36, 47, 48, 53, 54, 57, 58, 59, 63, 65, 74, 76) in "The Recursion Method," V.S. Viswanath and, Springer-Verlag, 1994. (12;24)
8. Articles 48 and 54 cited in "Quantum Mechanical Irreversibility and Measurement," P. Grigolini, World Scientific, 1993. (2;26)
9. Articles 54, 82, 83, 84 cited in "Mathematical Aspects of the Scattering Theory," edited by S.P. Merkuriev, St. Petersburg University Press, Russia, 1991. (4;30)
10. Articles 47 and 48 cited by T. Prosen (Ljubljiana, Slovenia) in "Open problems in strongly correlated electron systems," ed. J. Bonca, Kluwer, London, 2001.(2;32)
11. Article 104 cited by V. Lucarin *et al.*, "Kramers Kronig relations in optical phenomena," Springer-Verlag, Berlin (2005). (1;33)
12. Articles 53, 54, 112, 115 cited in "Mixing," Lecture notes in Physics, Springer-Verlag, Berlin 2006. (4;37)
13. Art . 115 cited by A. Vulpiani (Rome, Ita) in Transport process (Springer 2014). (1, 38)

b. Review Articles (also included in c and d)

1. Article 1 cited in *Series expansion of ferromagnetic models* by C. Domb, Adv. Phys. **19**, 339 (1970). (1;1)
2. Article 3 cited in *Structure and excitations in liquid He* by A.D.B. Woods, Rep. Prog. Phys. **36**, 1135 (1973). (1;2)
3. Article 15 cited in *Theory of dynamic critical phenomena* by P.C. Hohenberg, Rev. Mod. Phys. **49**, 435 (1977). (1;3)
4. Article 15 cited in *Lattice gas model of critical phenomena in fluids* by J.C. Wheeler, Ann. Rev. Phys. Chem. **28**, 411 (1977). (1;4)
5. Articles 14 and 19 cited by *Transformation Methods in the Analysis for Critical Properties*, C. J. Pearce, Adv. Phys. **27**, 89-148 (1978). (2;6)
6. Article 48 cited in "Microcomputer Calculations in Physics," by J. P. Killingbeck, Rep. Prog. Phys. **48**, 54-99 (1985). (1;7)
7. Article 14 cited in *Static Critical Phenomena in Ferromagnets and Quenched Disorder - Critical Review*, S. N. Kaul, J. Magn. Mater. **53**, 5-53 (1985). (1;8)
8. Article 54 cited in "Open Systems," K. H. Li, Phys. Rep. **134**, 1-85 (1986). (1;9)
9. Articles 47, 48, 53 and 65 cited in "Exactly Solved Electron-Boson Models in Condensed Matter," M. Cini, J. Phys. C**21**, 193-235 (1988). (4;13)
10. Eighteen articles cited in "The Memory Function Formalism," A.S.T. Pires, Helv. Phys. Acta **61**, 988-1006 (1988). (18;31)
11. Article 66 cited in "Theory of Electronic States in Lattice and Superlattices," by P. Giannozz *et al.*, Riv. Nuovo Cimento **13**, 1 (1990). (1;32)
12. Article 59 cited in "Theories of Intramolecular Vibrational Energy Transfer," T. Uzer, Phys. Rev. **199**, 73 (1991). (1;33)
13. Articles 47, 48, 53, 66, 72, 83, 84 discussed in "Nongaussian Statistics of Fluids," P. Grigolini (Pisa, Italy), J. Mol. Structure **250**, 119 (1991). (7;40)
14. Article 66 cited in "Semiclassical Methods in the Theory of Rhdberg Atoms," P.A. Braun, St. Petersburg, Russia, in Rev. Mod. Phys. **65**, 115 (1993) (1;41)
15. Article 66 cited in "Effective Potential in Statistical Mechanics," A. Cuccoli (Firenze, Italy), J. Phys. CM **7**, 7891 (1995). (1;42)

16. Article 102 cited in "The Mathematics of PV Integrals and Applications," K.T.R. Davies (Pittsburgh), *Math. Models and Methods* **6**, 833 (1996). (1;43)
17. Article 89 cited in "Dispersion relations and optical spectra," K. Peiponen (Joensuu, Finland), *Prog. in Opt.* **37**, 57 (1997). (1; 44)
18. Article 109 cited in "Green function approach," A.L. Kuzemsky (Dubna, Russia), *Rv. Nuovo Cim.* **25**, 1 (2002) (1;45)
19. Articles 96, 105 cited by L. Maximon (GWU, Wash., D.C.), in "Dilog functions," *Proc. Roy. Soc. Lond. A. Math.* **459**, 2807 (2003). (2;47)
20. Article 104 cited in "Dispersion theory and sum rules in optics," by V. Lucanni (Joensuu, Finland), *Riv. Nuovo Cimento* **26**, 1 (2003). (1;48)
21. Article 120 cited in "Caldeira-Legget Model," by J.L. Garcia-Palacios (Zaragoza, Spain), *J. Phys.* **A37**, 10735 (2004). (1;49)
22. Articles 53, 54, 111, 115, 120 cited in "Mixing, ergodicity and FD theorem in complex systems," M.H. Vainstein *et al.* (Brasilia, Br.), *Lecture notes in physics*, Springer-Verlag, Berlin (2006). (5;54)
23. Articles 53 and 93 cited in "Dielectric and optical properties of dense plasmas," by H. Reinholz (Rostock, Ger.), *Ann. d. Phys.* **30**, 4 (2005). (2;56)
24. Articles 47, 48, 115, 123, 124 cited by T. Prosen (Ljubljana, Slovenia) in "Chaos and complexity," *J. Phys.* **A40**, 7881 (2007). (5;61)
25. Art. 24, 47, 48, 50, 62, 66, 74, 109, 110 cited by A. Kuzemsky (Dubna, Russia) in "Transport," *Int. J. Mod. Phys.* **21**, 2821 (2007). (Not yet registered in ISI) (9;70)
26. Art. 37 cited by P. Tripodi (Velletri, Italy) "Review of superconductivity in PdH systems," *Int. J. Mod. Phys. B* **21**, 3343 (2007). (1;71)
27. Arts. 127, 128, 115, 124, 119 cited by U. Marconi (Rome, Italy) in "Fluctuations," *Phys. Rep* **461m**, 111 (2008). (5;76)
28. Art. 59 cited by S. Sen (Buffalo) in "Solitary Waves," *Phys. Rev.* **462**, 21 (2008). (1;77)
29. Art. 105 cited by D. V. Anghel in "Phase transitions in generalized statistics," *Rom. Phys. Rep.* **59**, 235 (2007). (1;78)
30. Arts. 47, 48, 53, 54, 120, 123 cited by B. West (ARO, NC) in "Maximizing information," *Phys. Rep.* **468**, 1 (2008). (6;84)
31. Arts 115,119,124,127,128 cited by O.G. Jepson (Brisbane, Aus) in "Deterministic thermostatics." (5, 89)
32. Arts. 109,110,111,115,120,123,125,126,127,128,129,130,132,135 cited by A Kuzemsky (Dubna, Russ) in "Electronic transport in metallic systems," *Int J Mod Phys B* **25**, 3071 (2011) (14, 103)
33. Art 127 cited by A Fingelkuratz (Espoo Finland), "Machine consciousness," in *Brain Research* **1428**, 80 (2010)

c. Journals (1969-1982)

(Note: 1-47 from Index 1969-1973; 48-107 from Computer Data 1974-1982.)

1. Article 1, Stanely, H.E., *Phys. Rev.* **179**, 570 (1969).
2. Article 1, Halperin, B.I., *Phys. Rev.* **188**, 898 (1969).
3. Article 6, Hallock, R.B., *B. Am. Phys. Soc.* **15**, 59 (1970).
4. Article 3, Baerwinkle, K., *Z. Phys.* **230**, 341 (1970).
5. Article 3, Brandow, B.H., *Ann. Phys.* **64** 21 (1971).
6. Article 3, Sposito, G., *Phys. Rev.* **A2**, 948 (1970).

7. Article 3, Woods, A.D.B., Rep. Prog. Phys. **36**, 1135 (1973).
8. Article 14, Krasnnow, R., Phys. Rev. **B7**, 370 (1973).
9. Article 12, Velu, E., Phys. Lett. **A36**, 433 (1971).
10. Article 14, Binder, K., Phys. Rev. **B7**, 3297 (1973).
11. Article 14, Charles, H.K., Phys. Rev. **B7**, 2046 (1973).
12. Article 14, Charles, H.K., Phys. Rev. Lett. **B7**, 2046 (1973).
13. Article 14, Harbus, F., Phys. Rev. **B8**, 1141 (1973).
14. Article 14, Harbus, F., Phys. Rev. Lett. **29**, 58 (1972).
15. Article 14, Hunter, D.L., Phys. Rev. **B7**, 3346 (1973).
16. Article 14, Milosevic, S., Phys. Rev. **B6**, 986 (1972).
17. Article 14, Paul, G., Phys. Lett. **A37**, 347 (1971).
18. Article 14, Paul, G., Phys. Rev. **B5**, 2578 (1972).
19. Article 14, Paul, G., Phys. Rev. **B5**, 3715 (1972).
20. Article 14, Rushbrooke, G.S., J. Phys. **C5**, 3371 (1972).
21. Article 1, Ditzian, R.V., Phys. Lett. **A32**, 152 (1970).
22. Article 1, Suzuki, M., Prog. Theor. Phys. **46**, 1337 (1971).
23. Article 1, Ditzian, R.V., C.J.P. **50**, 129 (1972).
24. Article 1, Domb, C., Adv. Phys. **19**, 339 (1970).
25. Article 1, Lewis, E.A.S., Phys. Rev. **B1**, 4368 (1970).
26. Article 1, Mattingly, S.R., C.J.P. **50**, 2415 (1972).
27. Article 1, Mullin, W.J., Phys. Rev. **A4**, 1247 (1971).
28. Article 1, Rogiers, J., Phys. Lett. **A46**, 206 (1973).
29. Article 1, Suzuki, M., Prog. Theor. Phys. **43**, 882 (1970).
30. Article 5, Ditzian, R.V., C.J.P. **50**, 129 (1972).
31. Article 5, Ditzian, R.V., Phys. Lett. **A32**, 152 (1970).
32. Article 5, Rogiers, J., Phys. Lett. **A46**, 206 (1973).
33. Article 5, Suzuki, M., J.M.P. **14**, 837 (1973).
34. Article 5, Suzuki, M., Prog. Theor. Phys. **46**, 13 (1971).
35. Article 7, Ditzian, R.V., C.J.P. **50**, 129 (1972).
36. Article 7, Ferre, M., Phys. Rev. **B8**, 5205 (1973).
37. Article 7, Huber, D.L., Phys. Rev. **B3**, 805 (1971).
38. Article 7, Jou, D.C., J. Phys. **C6**, 2713 (1973).
39. Article 7, Jou, D.C., Phys. Lett. **A43**, 79 (1973).
40. Article 7, Mattingly, S.R., C.J.P. **50**, 2415 (1972).
41. Article 7, Oguchi, T., J. Phys. Jpn. **30**, 988 (1971).
42. Article 7, Oitmaa, J., J. Phys. **C4**, 2466 (1971).
43. Article 7, Rogiers, J., Phys. Lett. **A46**, 206 (1973).
44. Article 7, Suzuki, M., J.M.P. **14**, 837 (1973).
45. Article 7, Suzuki, M., Prog. Theor. Phys. **46**, 133 (1971).
46. Article 7, Tsai, J.T., Phys. Lett. **A45**, 295 (1973).
47. Article 13, Hirakawa, K., J. Phys. Jpn. **35**, 1328 (1973).
48. Article 16, Bruch, L.W. (Wisconsin), J.C.P. **61**, 262 (1974).
49. Article 14, Herzum, N. (Munich, Germany), Phys. St. Sol. **A21**, 529 (1974), "Critical Behavior of Magnetic Losses."
50. Article 6, Fortune, P.J. (Wisconsin), Chem. Phys. Lett. **27**, 233 (1974), "He Dielectric Polarizability."
51. Article 7, Plischke, M. (Edmonton, Canada), J. Stat. Phys. **11**, 159 (1974), "Ferromagnetism in a Single Band Hubbard Model."

52. Article 7, Austen, D.J. (Edmonton, Canada), C.J.P. **52**, 1660 (1974), "Application of Green Function Method to XY Model."
53. Article 7, Rogiers, J. (Leuven, Belgium), Phys. Lett **A46**, 206 (1973), "High Temperature Expansion of XT Model in Magnetic Field."
54. Article 5, Rogiers, J. (Leuven, Belgium), Phys. Lett. **A46**, 206 (1973), "High Temperature Expansion of XT Model in Magnetic Field."
55. Article 1, Rogiers, J. (Leuven, Belgium), J. Phys. Lett. **A46**, 206 (1973), "High Temperature Expansion of XT Model in Magnetic Field."
56. Article 15, Salomon, M.B. (Urbana, IL), Phys. Rev. **B10**, 449 (1974), "Universality and Critical Specific Heat of Beta Brass."
57. Article 15, Lederman, F.L. (Urbana, IL), Solid State Comm. **15**, 1372 (1974), "Critical Behavior of Specific Heat of Dysprosium."
58. Article 15, Lederman, F.L. (Urbana, IL), Phys. Rev. **B9**, 2981 (1974), "Experimental Verification of Scaling and Universality Hypothesis."
59. Article 12, Yamada, K. (Tokyo), Solid State Comm. **16**, 1335 (1975), "Magnetic Phase Transition of an Amorphous Fe-P-C and Alloy."
60. Article 12, Charles, H.K. (Baltimore), "Phys. Rev. **B12**, 3918 (1975), "Exchange Model of Antiferromagnetism."
61. Article 18, Sur, A. (Pittsburgh), Phys. Rev. **B12**, 3845 (1975), "Spin Dynamics of 1d XY Model at Infinite Temperature."
62. Article 14, Charles, H.K. (Baltimore), "Phys. Rev. **B12**, 3918 (1975), "Exchange Model of Antiferromagnetism."
63. Article 7, Plischke, M. (Edmonton, Canada), CJP **53**, 980 (1975), "Lattice Gas Model of He Mixtures."
64. Article 7, Bloombergen, P. (Amsterdam), Physica BC **79**, 467 (1975), "Magnetic Phase Transition of Layered Compounds."
65. Article 1, White, J.J. (Georgia), J. Phys. **C8**, 1227 (1975), "Specific Heat of CoBR26."
66. Article 19, Hottingham, J. (New South Wales, Australia), J. Phys. **A8**, 1920 (1975), "Ising Model on Tetrahedral Lattice."
67. Article 15, Gerber, P.R. (Ithaca, NY), Phys. Rev. **B19**, 4697 (1974), "Critical Temperature of N Vector Model on Hypercubic Lattice."
68. Article 15, Bloombergen, P. (Amsterdam), Physica BC **79**, 467 (1975), "Magnetic Phase Transition of Layer Compounds."
69. Article 11, Dekeyser, R. (Leuven, Belg.), Physics **A84**, 197 (1976), "XY Model and SAW."
70. Article 11, Deneef, T. (Eindhoven, Nth.), J. Phys. **A9**, 105 (1976), "High Temperature Expansion of Anisotropic Exchange Model."
71. Article 14, Camp, W. (Sandia, NM), J. Phys. **A9**, 731 (1976), "Confluent Correlations to Scaling."
72. Article 14, Pearce, C.J. (Neelands, Au.), J. Phys. **A9**, 107 (1976), "Transformation Analysis of Heisenberg Susceptibility."
73. Article 16, Dekeyser, R. (Leuven, Belg.), Physica **A81**, 72 (1975), "Series Expansion of Generalized XY Model."
74. Article 6, Pilliavin, M.A. (Pasadena, CA), JCP **65**, 4515 (19976), "Internal Correlations of Simple Liquids by x-Ray Diffractions."
75. Article 3, Gotze, W. (Munich, Ger.), Phys. Rev. **B13**, 3825 (1976), "Dynamic Structure Factor of Liquid He at T=0."

76. Article 7, Dekeyser, R. (Leuven, Belg.), *Physica* **A84**, 197 (1976), "XY Model and SAW Approximations."
77. Article 7, Rogiers, J. (Leuven, Belg.), *J. Phys.* **A58**, 295 (1976), "Anisotropic Heisenberg Model: High Temperature Expansions."
78. Article 7, Reeves, J.S. (Edmonton, Can.), *J. Phys.* **C9**, 2575 (1976), "Magnetically Dilute XY Model."
79. Article 7, Oitmaa, J. (New South Wales, Au.), *J. Phys.* **C9**, 209 (1976), "Critical Behavior of Ising Model with Transverse Field."
80. Article 7, Agra, H.A. (Leiden, Neth.), *Physica BC* **83**, 71 (1976), "Experimental Study of Simple Cubic XY Model."
81. Article 7, Kawabe, T. (Okayama, Jpn.), *Prog. Theor. Phys.* **55**, 1697 (1976), "Green Function for Ferromagnetic Layer Systems."
82. Article 7, Deneef, T. (Eindhoven, Neth.), *Phys. Rev.* **B13**, 4141 (1976), "Theory of Magnetic Charms."
83. Article 7, DeJongh, L.J. (Amsterdam), *Physica BC* **82**, 247 (1976), "Lattice Dimensionality, Spin Dimensionality Crossover in 2d Heisenberg."
84. Article 7, Dekeyser, R. (Leuven, Belg.), *Physica* **A81**, 72 (1975), "Series Expansion of Generalized XY."
85. Article 5, Deneef, T. (Eindhoven, Neth.), *Phys. Rev.* **B13**, 4141 (1976), "Theory of Magnetic Charms."
86. Article 15, Hohememsen, C. (Gronigen, Neth.), *Phys. Rev.* **B13**, 3154 (1976), "Probe Independence of Hyperfine Critical Exponents."
87. Article 22, Bloombergen, P. (Amsterdam), *Physica BC* **85**, 51 (1976), "Specific Heat of Layer Compounds."
88. Article 15, Hohenberg, P. (Murray Hill, NJ), *Rev. Mod. Phys.* **49**, 435 (1977), "Theory of Dynamical Critical Phenomena."
89. Article 15, Wheeler, J.C. (La Jolla, CA), *Ann. Rev. Phys. Chem.* **28**, 411 (1977), "Decorated Lattice Gas Model of Critical Phenomena in Fluids."
90. Article 14, Pearce, C.J. (Needlands, Au.), *Adv. Phys.* **27**, 89 (1978), "Transformation Methods of Series for Critical Properties."
91. Article 12, Pearce, C.J. (Needlands, Au.), *Adv. Phys.* **27**, 89 (1978), "Transformation Methods of Series for Critical Properties."
92. Article 1, Garbaczewski, P. (Wroclaw, Pol.), *Phys. Rev.* **B36**, 67 (1978), "Method of Boson Expansion in Quantum Theory."
93. Article 19, Pearce, C.J. (Needlands, Au.), *Adv. Phys.* **27**, 89 (1978), "Transformation Methods of Series for Critical Properties."
94. Article 14, Jensen, S.J.K. (Aarhus, Den.), *Phys. Rev.* **B19**, 5886 (1979), "Crossover from First Order to Second Order Transition."
95. Article 7, Dekeyser, R. (Leuven, Belg.), *Physica* **A95**, 339 (1979), "Derivation and Analysis of Spin-1/2 XY Model."
96. Article 27, Suzuki, M. (Tokyo), *Phys. Lett.* **A69**, 426 (1979), "Migdal RG to Quantum Spin Systems."
97. Article 15, Gerber, P.R. (Basel, Swit.), *Z. f. Phys.* **B32**, 327 (1979), "spin Dimensionality Dependence of Critical Parameters."
98. Article 14, LeGuillou, J.C. (Paris), *Phys. Rev.* **B21**, 3976 (1980), "Critical Exponents from Field Theory."
99. Article 7, Brahmach, R. (Calcutta), *Phys. Lett.* **A76**, 165 (1980), "XY Antiferromagnets."

100. Article 5, Heilman, O.J. (Copenhagen), *J. Phys.* **A13**, 1803 (1980), "Existence of Ordered Phase for Repulsive Lattice Gas in fcc."
101. Article 19, Hottingham, J. (New South Wales, Au.), *Aust. J. Phys.* **33**, 107 (1980), "Haus-Tanaka Model for Phase Transition."
102. Article 15, Hatta, I. (Nagoya, Jpn.), *J. Phys. Jpn.* **48**, 77 (1980), "Critical Amplitudes of Specific Heats."
103. Article 15, Rogiers, J. (Edmonton, Can), *JP* **58**, 87 (1980), "Spin XY Model."
104. Article 1, Homma, S. (Nagoya, Jpn.), *Prog. Theor. Phys.* **65**, 159 (1981), "Vortices in Classical XY Model."
105. Article 27, Tatsumi, T. (Kyoto), *Prog Theor. Phys.* **65**, 451 (1981), "Quantum Spin XY Model by Migdal Treatment."
106. Article 27, Takano, H. (Tokyo), *J. Stat. Phys.* **26**, 635 (1981), "Migdal Kadanoff RG to Anisotropic Heisenberg."
107. Article 15, Bhatla, S.N. (Bombay), *Param* **18**, 249 (1982), "Heat Capacity of MNBR2."

d. Journals (1983-present)

1. Articles 31, 40, 42 cited by R. Botet (Orsay, France) in , "Infinitely Coordinated Systems," *Phys. Rev. B* **28**, 3955 (1983). (3;3)
2. Articles 31, 40, 43 cited by R. K. Pathria (Waterloo, Canada) in, "Critical Behavior of Van der Waals Model," *J. Math. Phys.* **24**, 1927 (1983). (3;6)
3. Articles 44, 46, 47, 48 cited by A. Holas (Otwock, Poland) in, "Dynamic Response to a 2^d Dense Electron Gas," *Phys. Rev. B* **27**, 5981 (1983). (4;10)
4. Article 47 cited by R. F. Fox (Georgia Tech) in, "Long-time Tails and Diffusion," *Phys. Rev. A* **27**, 3216 (1983). (1;11)
5. Articles 47, 48, 50 cited by A. Pires (Belo Horizonte, Brazil), "Time Evolution of a Single-Spin Model," *Can. J. Phys.* **61**, 1475 (1983). (3;14)
6. Articles 31, 40, 43, 47 cited by R. Gilmore (Drexel), "On the Critical Properties of Pseudo Spin Hamiltonians," *J. Math. Phys.* **25**, 2336 (1984) (4;18)
7. Articles 44, 46, 47 cited by P. Grigolini *et al.* (Pisa, Italy), "Calculation of Relaxation Functions," *Phys. Rev.* **B27**, 7342 (1983). (3;21)
8. Article 47 cited by M. Giordana *et al.* (Pisa, Italy), "Fast Computational Approach," *Phys. Rev.* **A28**, 2474 (1983). (1;22)
9. Articles 31, 40, 43 cited by G. Kventsel (Haifa, Israel), "Static Properties of Infinite-Range Spin Hamiltonian," *Phys. Rev.* **B30**, 2828 (1984). (4;26)
10. Articles 31, 40, 43 cited by G. Kventsel (Israel), "Equation for an Infinite-Range Spin Hamiltonian," *Sol. State Comm.* **52**, 689 (1984). (3;29)
11. Articles 20, 31, 40, 43, 57 cited by G. Kventsel, "Time Correlation for Infinite Range Spin Hamiltonian," *Phys. Rev.* **B31**, 1559 (1985). (5;34)
12. Article 57 cited by P. Grigolini *et al.* (Italy), "Slow Motion EPR Spectra," *Adv. Chem. Phys.* (1985) pp.321. (1;35)
13. Articles 31, 57 cited by J.L. van Hemmen (Germany), "Comment on Time Behavior of Heisenberg Model," *Phys. Rev. Lett.* **53**, 1966 (1984). (2;37)
14. Articles 47, 48 cited by S. Faetti *et al.* (Pisa, Italy), "Multiplicative Stochastic Processes in Nonlinear Systems," *Phys. Rev.* **A32**, 1150 (1985). (2;39)
15. Articles 44, 47 cited by J.Y. Ryu and S.D. Choi (Taegu, Korea), "Cyclotron Resonance Lineshape Function," *Prog. Theor. Phys.* **72**, 429 (1984). (2;41)

16. Article 49 cited by F.A. Lewis (Belfast, Northern Ireland), *J. Less Common Metals* **101**, 53 (1984). (1;42)
17. Articles 43, 57 cited by G. Kventsel (Haifa, Israel), "Heuristic Generalization of the Bogolyubov-Tyablikov Equation," *Phys. Rev.* **B32**, 1767 (1985). (2;42)
18. Articles 47, 48, 60 cited by T. Fonseca *et al.* (Porto, Portugal), "Diffusion Effects from a Potential Well," *Phys. Rev.* **A33**, 3404 (1986). (3;47)
19. Article 48 cited by J.P. Killingbeck, "Microcomputer Calculations in Physics," *Rep. Prog. Phys.* **48**, 53 (1985). (1;48)
20. Article 35 cited by M. Dely (Budapest, Hungary), "Effect of Redox Agents on the Nonelectrolyte," *Act. Physica Hung.* **65**, 103 (1985). (1;49)
21. Articles 12, 14 cited by J.M. Wesselin, "Some Critical Properties of the s-d Model," *Phys. Stat.* **B126**, 229 (1984). (2;51)
22. Article 44 cited by N.L. Sharma (Colorado State), "General Langevin Equation," *Phys. Rev.* **B31**, 6824 (1985). (1;52)
23. Articles 31, 44, 47, 48, 54 cited by A.S.T. Pires (Belo Horizonte, Brazil), "About the N-Pole Approximation," *Phys. Stat. Sol. (b)* **129**, 163 (1985). (5;57)
24. Articles 27, 47 cited by B.J.O. Franco (Belo Horizonte, Brazil), "Continued Fraction Expansion," *Rev. Bras. Fisica* **15**, 37 (1985). (2;59)
25. Articles 47, 48, 63 cited by C. Festa (Pisa, Italy), "Chemical Reactions in a Time Modulated Environment," *Phys. Lett.* **A117**, 57 (1986). (3;62)
26. Articles 31, 42, 43, 57 cited by J. Katriel (Haifa, Israel), "Mean Field Treatment of Spin Hamiltonian," *Phys. Rev.* **B33**, 6360 (1986). (4;66)
27. Articles 31, 42, 43, 57 cited by J. Katriel (Haifa, Israel), "On the Feasibility of Reentrance," Preprint received December 30, 1985. (4;70)
28. Articles 44 and 47 cited by J.Y. Ryu (Taegu, Korea), "Comparison of Two Techniques," *Phys. Rev.* **B32**, 7769 (1985). (2;72)
29. Articles 29, 31, 40, 43, 44, 47, 48, 56, 57, 60 cited by S.K. Oh (Cheongju, Korea), "Different Definitions of Scalar Product," Preprint rec'v'd Jan. 14, 1986. (10;82)
30. Articles 47, 48, 59 cited by T. Fonseca *et al.* (Porto, Portugal), "Diffusional Effects," *Phys. Rev.* **A33**, 3404 (1986). (3;85)
31. Article 47 cited by M. Znojil (Prague, Czech Rep.), "On the Lippmann-Schwinger Equations," *Phys. Rev.* **A34**, 2697 (1986). (1;86)
32. Article 32 cited by E. Magyari (Basel, Switzerland), "Integrable and Nonintegrable Classical Spin Clusters," *Z. Phys.* **B65**, 363 (1987). (1;87)
33. Articles 47, 48, 62 cited by L. Fronzoni *et al.* (Pisa, Italy), "Linear Response of a Nonlinear Stochastic Oscillator," *Phys. Rev.* **A34**, 3293 (1986) (3;90)
34. Article 62 cited by P. Giannozzi (Lausanne, Switz.), "The Matrix Continued Fractions in Relaxation Operations," *App. Num. Math.* **4**, 273 (1988). (1;91)
35. Articles 47, 48 cited by C. Pesta (Pisa, Italy), "Chemical Reactions in a Time Modulated Environment," *Phys. Lett.* **A117**, 57 (1986). (2;93)
36. Article 54 cited by P. Enders (Acad. Sci. DDR, Berlin), "Mean Field Approximation for Spin Boson Interaction," *Ann. Physik. (Leipzig)* **43**, 443 (1986). (1;94)
37. Articles 47, 48, 53, 62 cited by R. Mannella (Pisa, Italy), "On the Relaxation of the Stratonovich Model," *J. Phys.* **A21**, 1239 (1988). (4;98)
38. Article 62 cited by G. Mukhopadhyay (Trieste, Italy), "Dynamic Local Field Factor of a Uniform Electron Liquid," *Physica Scripta* **38**, 224 (1988). (1;99)
39. Articles 31, 40, 43, 57 cited by J. Katriel (Haifa, Israel), "Reentrance in a Spin Hamiltonian," *J. Phys. Chem. Solids* **47**, 1099 (1986). (4;103)

40. Articles 48, 51 cited by F. Bavard (Lausanne, Switzerland), "Statistical Mechanics of Viscoelasticity," *J. Stat. Phys.* **45**, 753 (1987). (2;105)
41. Articles 31, 40, 43, 57 cited by J. Olikier *et al.* (Haifa, Israel), "Long Sequences of Order-Order Transitions," *J. Appl. Phys.* **61**, 4419 (1987). (4;109)
42. Article 54 cited by M. Znojil (Rez, Czechoslovakia), "Modified Ralyeigh Schrodinger Perturbation Theory," *Phys. Rev.* **A35**, 2448 (1987). (1;110)
43. Articles 47, 48, 53, 65 cited by M. Cini (Rome, Italy), "Exactly Solved Electron-Boson Model," *J. Phys. C* 1987, 21, 193 (1988). (4;114)
44. Articles 47, 48, 53 cited by S. Faetti *et al.* (Pisa, Italy), "Nonlinear Systems Driven on Color Noise," *Phys. Rev. (Rapid)* **A36**, 441 (1987). (3;117)
45. Article 61 cited by G.F. Hubmer (Linz, Austria), "Comment on the Applicability of Kimball Formula," *Phys. Rev.* **B36**, 3171 (1987) (1;118)
46. Article 14 cited by F. Fernandez *et al.* (La Plata, Argentina), "Critical Parameters from Power Series Expansions," *J. Math. Chem.* **1**, 267 (1987). (1;119)
47. Article 47 cited by A.V. Sherman (Riia Tartu, USSR) in "Excitons in Absorption Spectra," *Phys. Stat. Sol.* **B145**, 319 (1988). (1;120)
48. Article 47 cited by G. Muller (Rhode Island) in "Anomalous Spin Diffusion in Classical Heisenberg Magnets," *Phys. Rev. Lett.* **60**, 2785 (1988). (1;121)
49. Articles 47, 48, 53, 62 cited by R. Mannella (Lancaster, U.K.) in "Relaxation of the Stratonovich Model," *J. Phys.* **A21**, 1239 (1988). (5;126)
50. Articles 47, 48, 53, 54, 63, 66, 74 cited by D. Vitali (Pisa, Italy) in "Subdynamics, Fokker Planck Equation," *Phys. Rev.* **A39**, 1486 (1989). (7;133)
51. Article 47 cited by G. Lebon (Liege, Belgium) in "On the Thermodynamic Foundations of Viscoelasticity," *J. Chem. Phys.* **88**, 5068 (1988). (1;134)
52. Articles 47, 48, 53, 65 cited by E.R. Gagliano *et al.* (San Carlos, Argentina) in "Dynamic Correlation Functions," *Phys. Rev.* **B38**, 11766 (1988). (4;138)
53. Eighteen articles cited by A.S.T. Pires (Belo Horizonte, Brazil) in "The Memory Function Formalism," *Helv. Phys. Acta* **61**, 988 (1988). (18;156)
54. Articles 54, 63, 66 cited by R. Mannella (Pisa, Italy) in "Resonant Activation of a Brownian Particles," *Phys. Rev.* **B39**, 4722 (1989). (3;159)
55. Articles 47, 48, 65 cited by C. Lee (Nagoya, Japan) in "Exact Dynamical Behavior Near the Critical Point," *Phys. Rev. Lett.* **62**, 1061 (1989). (3;102)
56. Articles 47, 48, 53 cited by C. Chen (UGA) in "Dynamics of the 2D Spin-1/2 Heisenberg Antiferromagnets," *Phys. Rev.* **B40**, 239 (1989) (3;165)
57. Articles 44, 47, 48, 50, 53, 59 cited by I.M. Kim (Seoul, Korea) in "Dynamical Perturbation Theory of Relaxation Function," *Can. J. Phys.* **67**, 31 (1989). (6;171)
58. Articles 47, 48 cited by C. Lee (Nagoya, Japan) in "New Approach to Study Critical Dynamics," *J. Phys. Soc. Jpn.* **58**, 3910 (1990). (2;173)
59. Articles 31, 40, 43, 47 cited by Z. Pawlowska (Haifa, Israel) in "Reentrant Phase Transitions in Anisotropic Systems," *Phys. Rev.* **B39**, 7140 (1989). (4;177)
60. Articles 31, 40, 43, 47, 48, 53, 54 cited by Y.K. Lee (Seoul, Korea) in "Relaxation Functions Spin van der Waals Model," *Can. J. Phys.* **68**, 49 (1990). (7;184)
61. Articles 44, 47, 53 cited by S.Y. Yi (Taegu, Korea) in "Simple Algebraic Technique," *Prog. Theor. Phys.* **82**, 299 (1989). (3;187)
62. Articles 31, 57 and a preprint cited by J.M. Liu (Rhode Island) in "Classical Equivalent Neighbor XYZ Model," *J. Appl. Phys.* **67**, 5489 (1990). (3;190)
63. Articles 47, 59, 65 cited by V.S. Viswanath (Rhode Island) in "Recursion Method in Spin Dynamics," *J. Appl. Phys.* **67**, 5486 (1990). (3;193)

64. Articles 47, 53 cited by M. Znojil (Rez, Czech.) in "Singular Anharmonicities," J. Math. Phys. **31**, 108 (1990). (2;195)
65. Articles 47, 48, 53, 54 cited by D. Bertolini *et al.* (Pisa, Italy) "Diffusion Effects of Hydrogen Bound Fluctuations," J. Chem. Phys. **91**, 119 (1989). (4;197)
66. Articles 47, 53 and 59 cited by J. Hong (Seoul, Korea) in "Time Evolution of Quantum Chains," Prog. Theor. Phys. **82**, 295 (1989). (3;202)
67. Article 71 cited by P. Marksteiner *et al.* (Northwestern University) in "Note on a Series of Bessel Functions," J. Phys **A22**, 4729 (1989). (1;203)
68. Articles 62, 77 cited by A.S.T. Pires (Belo Horizonte, Brazil) in "Dynamically Convergent Calculations," Phys. Stat. Sol. (b)**155**, K67 (1989). (2;205)
69. Art. 47, 48 and 53 cited by C.X. Chen (Athens) Phys. **C162**, 207 (1989). (3;208)
70. Article 54 cited by E. Sardella (Manchester, U.K.) in "Application of the Projection Operator Method," Phys. Rev. **B43**, 3613 (1991). (1;209)
71. Articles 47, 48, 53, 57, 31, 65 and two preprints cited by J.M. Liu (Kingston, R.I.) in "Equivalent Neighbor XYZ Model," Phys. Rev. **A42**, 5854 (1990). (8;217)
72. Articles 47, 48, 53 cited by C.X. Chen *et al* in "Hole Excitation Spectra in Cuprate Superconductor," Phys. Rev. **B41**, 2581 (1990). (3;220)
73. Article 66 cited by P. Giannozza (Lausanne, Switz.) in "Theory of Electronic States in Lattices and Superlattices," Riv. Nuovo Cim **13**, 1 (1990). (1;221)
74. Article 48 cited by E. Sardella (Manchester, U.K.) in "Mori Formalism to Phenomenological Models." Phys. Rev. **B43**, 3613 (1991). (1;222)
75. Articles 47, 48, 53, 72, 66 and 2 reprints (1990) cited by P Grigolini (Denton TX) in "Non-Gaussian Statistics," J. Mol. Str. **250**, 119 (1991). (7;229)
76. Article 27 cited by H.Q. Ding and M.S. Makivic (Caltec) in "KT Transformation in 2d Quantum XY Model," Phys. Rev. **B40**, 6827 (1990). (1;230)
77. Article 64 cited by A. Holas (Warsaw, Poland) in "Correlations in Electronic, Atomic Fluids," ed. P. Jena *et al.*, World Scientific (Singapore 1990). (1;231)
78. Articles 62, 47, 77 cited by N.M. Glezos (Attiki, Greece) in "Plasmon Excitations Spectrum of Metals," Phys. Rev. **B43**, 7538 (1991). (3;234)
79. Articles 44, 63 cited by B. Tanatar (Urbana, IL) in "2d Electron Gas in the Memory Function Formalism." Phys. Rev. **B43**, 14611 (1991). (2;236)
80. Articles 47, 53 cited by J. Hong (Seoul, Korea) in "Dynamic Structure of Strongly Coupled One-Component Plasmas," Phys. Rev. **A43**, 1965 (1991). (2;238)
81. Article 59 cited by T. Uzers (Atlanta, GA) in "Theories of Intramolecular Vibrational Energy Transfer," Phys. Rep. **199**, 73 (1991). (1;239)
82. Articles 47, 48 cited by M. Znojil (Rez, Czechoslovakia) in "A Perturbative Lanczos Method," Phys. Lett. **A155**, 87 (1991). (2;241)
83. Art. 66 cited by S. Sen (East Lansing, MI), J. Phys. Cond. Matt. **3**, 437 (1991). (1;242)
84. Articles 47, 59, 65 cited by V.S. Viswanoth (Kingston, RI) in "Recursion Method Applied to the T=0 Dynamics," J. Appl. Phys. **70**, 6178 (1991). (3;245)
85. Articles 47, 53 cited by J.J. Song (Taegu, Korea) in "Derivation of Correlation Spectra," J. Math. Phys. **33**, 336 (1992). (2;248)
86. Article 76 cited by K.L. Liu (Hong Kong) in "Exchange Correlation Effects of a Homogeneous Electron Gas," Can. J. Phys. **69**, 573 (1991). (1;249)
87. Articles 66, 65, 47, 48, 53, 50, 57, 44, 63, 62 cited by S. Sen (E. Lansing, MI) in "Surface Spin Relaxation," Phys. Rev. **B43**, 10991 (1991). (10;259)

88. Articles 31, 57, 83, 84 cited by J. Liu (Kingston, RI) in "Dynamics of an Integrable Spin Model," Phys. Rev. **B44**, 12020 (1991). (4;263)
89. Articles 44, 47, 58, 64, 63, 53, 56, 57 cited by N.L. Sharma (E. Michigan) in "Response and Relaxation," Phys. Rev. **B45**, 3552 (1992) (8;271)
90. Articles 66, 31, 50, 47, 48, 53, 65, 59, 74 cited by S. Sen (Michigan State) in "Heisenberg Surface Spin," Phys. Rev. **B44**, 7444 (1991). (9;283)
91. Article 31 cited by D. DeMiro (Mainz, Germany) in "Algorithm to Continuous Spin Model," Phys. Rev. **B46**, 257 (1992). (1;284)
92. Article 62 cited by H.K. Schwening (Linz, Austria) in "Dependence of Short Range Correlations," Phys. Rev. **B44**, 13291 (1991). (1;282)
93. Article 47 cited by M. Znojil (Rez, Czechoslovakia) in "Quasi Exact State," Phys. Lett. **A161**, 191 (1991). (1;283)
94. Articles 48, 47, 62, 74 cited by Z.X. Cai (Brookhaven N.L.) in "Long Time Dynamics," Phys. Rev. Lett. **68**, 1637 (1992). (4;287)
95. Articles 47, 65, 83, 84 cited by J. Stolze (Dortmund, Germany) in "Dynamics of Semiinfinite Quantum Spin Chains," Z. de Phys. **B89**, 45 (1992). (4;291)
96. Article 64 cited by M. Apostal (Bucharest, Romania) in "Zero Sound Solitons in an Electron Gas," Phys. Rev. **B45**, 4509 (1992). (1;292)
97. Articles 47, 48, 83 cited by E. Sardella (Manchester, England) in "Correlation Function of the Spin- $\frac{1}{2}$ XYZ Model." Preprint 6/19/92. (3;295)
98. Articles 73, 47, 48, 53, 62, 54, 31, 74 cited by S. Sen (Michigan State) in "Dynamics Correlations," Phys. Rev. **E47**, 273 (1993). (8;303)
99. Articles 47, 54 cited by R.E. Nettleton (Johannesburg, S.A.) in "Evolution in Nonequilibrium Thermodynamics," J. Phys. Soc. Japan **61**, 3103 (1992). (2;305)
100. Articles 47, 48, 53, 59, 74, 73, 57 cited by S. Sen (Michigan State) in "Aspects of Nonergodicity in Hermitian Systems," Physica A **186**, 215 (1992). (7;312)
101. Articles 66, 47, 48, 62 cited by S. Sen (Michigan State) in "Asymptotic Behavior of Dynamic Correlations," Phys. Rev. **E47**, 3152 (1993). (4;316)
102. Article 77 cited by B.V. Costa *et al.* (Belo Horizonte, Brazil) in "Dynamics of a Quasi-1d Ferromagnet," Phys. Stat. Sol. (b)**171**, k49 (1992). (1;317)
103. Articles 47, 48, 53, 65 cited by S. Sen (Michigan State) in "Dynamical Correlations in Heisenberg Chain," Phys. Rev. **B46**, 14617 (1992). (4;321)
104. Article 66 cited by P.A. Braun (St. Petersburg, Russia) in "Semiclassical Theory of Rydberg Atoms," Rev. Mod. Phys. **65**, 115 (1993). (1;322)
105. Article 88 cited by J.M. Shea (GTE Sylvania, Danvers, MA), Phys. Today Letters, Feb. 1993, p. 15. (1;323)
106. Articles 57, 83, 84, 65, 47, 48 cited by M. Bohm (Erlangen, Germany) in "Spin Diffusion in 1D $s=\frac{1}{2}$ XXZ Model." Preprint 5/13/93. (6;329)
107. Articles 65, 47, 48, 53 cited by M. Bohm (Erlangen, Germany) in "Dynamical Aspects of Spin Chains," Physica **A199**, 116 (1993). (4;333)
108. Articles 47, 48, 66 cited by J. Florencio (Penn State) in "Quantum Spin Dynamics of the Transverse Ising Model in 2D," J. Low Temp. Phys. **89**, 561 (1992).(3;336)
109. Article 53 cited by J. Hong (Seoul, Korea) in "Local Field Corrections of 3d Electron Fluids," J. Phys. Condens. Matter **5**, 3431 (1993). (1;337)
110. Article 90 cited by R. Tsekov (Sofia, Bulgaria) in "Velocity Autocorrelation Function," J. Phys. Condens. Matter **5**, 3483 (1993). (1;338)
111. Articles 47, 48 cited by R.E. Nettleton (Johannesburg) in "Extended Thermodynamics of Diffusion in Dense Fluids," J. Chem. Phys. **99**, 3059 (1993). (2;340)

112. Articles 47, 48, 59, 74 cited by J.H. Kim (Seoul), J.K.P.S. **26**, 94 (1993). (4;344)
113. Article 73 cited by M. Znojil (Prague) in "Pade Resummation for Anharmonic Oscillators," J. Phys. Lett. **A177**, 111 (1993). (1;345)
114. Article 62 cited by H.K. Schweng (Linz, Austria) in "Dynamical Local Field Corrections," Phys. Rev. **B48**, 2037 (1993). (1;346)
115. Article 91 cited by E.B. Brown (Manhattan, NY) as Reference #1 in "Correlation for Hermitian Systems." Phys. Rev. **B49**, 4305 (1994). (1;347)
116. Articles 75, 81 cited by M.D. Kostin (Princeton) as Reference #1 in "Differential Equations for the Entropy Density," J. Math. Phys. **35**, 2371 (1994). (2;349)
117. Article 83 cited by V.S. Viswanah (University of Rhode Island) in "Ordering and Fluctuations." Preprint received 11/4/93; to appear in Phys. Rev. B. (1;350)
118. Article 47 cited by G. Mensing (Clemson) in "Molecular Time Scale GLE Theory for Coupled Spin Systems," J. Chem. Phys. **99**, 487 (1993). (1;351)
119. Article 47 cited by S.N. Yi (Taegu, Korea) in "Cyclotron Lineshape Function for Electron Systems," J. Korean Phys. Soc. **26**, 289 (1993). (1;352)
120. Art. 48, 74, 76 cited by S. Sen in J. Appl. Phys. **73**, 5474 (1993). (3;355)
121. Art. 48, 53, 66 cited by S. Sen in Phys. Rev. **B47**, 3151 (1993). (3;358)
122. Article 29 cited by A.M. Olez (Krakow, Poland), in "Quantum Fluctuations in Antiferromagnets," J. Phys. C.M. **5**, 8403 (1993). (1;359)
123. Article 29 cited by C.N. Yoon, J. Kor. Phys. Soc. **26**, 548 (1993). (1;360)
124. Article 59 cited by F.A. Oliveira (Brasilia, Brazil) in "Analytical Results for Dynamic Scaling," Mod. Phys. Lett. **B9**, 31 (1995). (1;361)
125. Article 48 cited by C.H. Choi (Taegu, Korea) in "Technique to Problems in Condensed Matter," Can. J. Phys. **72**, 596 (1994). (1;362)
126. Articles 47, 48, 65, 66, 70 cited by J.F. Annette (Penn State) in "Recursive Solution of Hiesenberg Equation," J. Phys. C.M. **6**, 6455 (1994). (5;367)
127. Article 74 cited by S. Sen (Buffalo), Phys. Rev. Lett. **72**, 3287 (1994). (1;378)
128. Article 47 cited by N. Srivastava *et al.* (Rhode Island University) in "Classical Heisenberg Magnets," J. Appl. Phys. **75**, 6751 (1994). (1;379)
129. Article 31 cited by S.K. Oh, J. Kor. Phys. Soc. **26**, 5433 (1993). (1;380)
130. Article 47 cited by V.S. Viswantath *et al.* (Rhode Island University) in "1d and 2d s=1/2 XXZ Antiferromagnets," Phys. Rev. **B49**, 9702 (1994). (1;381)
131. Article 79 cited by R.S. Sinkovitz (Naval Research Lab) in "Nonlinear Dynamics in Granular Columns," Phys. Rev. Lett. **74**, 2689 (1995) (1;382)
132. Articles 64 and 75 cited by M.D. Kostin (Princeton) in "Density, Entropy and Energy Density," J. Math. Phys. **36**, 750 (1995). (2;384)
133. Article 47 cited by V.S. Viswanath (Rhode Island) in "Dynamical Properties of Quantum Spin Systems," J. Appl. Phys. **75**, 6057 (1994). (1;385)
134. Article 91 cited by A. Keren (Columbia University) in "Simulation of Spin Dynamics," J. Mag. Mag. Mat. **140**, 1493 (1995). (1;386)
135. Articles 44,47,53,63,74 cited by J.Y. Sug *et al.* (Taegu, Korea) in "Nonlinear Con-ductivity," Nuovo Cimento **109B**, 177 (1994). (5;391)
136. Articles 54,83,84 and 91 cited by E.B. Brown (Manhattan College) in "Auto-correlation Function," Phys. Rev. **B52**, 285 (1995). (4;395)
137. Article 54 cited by M. Bianucci *et al.* (Pisa, Italy) in "From Dynamics to Thermodynamics," Phys. Rev. **E51**, 3002 (1995). (1;396)
138. Articles 47 and 73 cited by M. Znojil (Prague, Czech Republic) in "A New Rayleigh-Schrodinger Perturbation Series," J. Phys. **44**, 545 (1994). (2;398)

139. Articles 47, 48 and 62 cited by S. Sen (Buffalo, NY) in "Relaxation in a Magnetic Impurity," Phys. Rev. **B50**, 4244 (1994). (3;401)
140. Article 47 cited by V.S. Viswanath (Univ. of Rhode Island) in "T=0 Dynamics of 1d XXZ and t-J Models," Phys. Rev. **B51**, 368 (1995). (1;402)
141. Articles 44 and 74 cited by J.Y. Sug (Taegu, Korea) in "Continued Fraction Formalism of Linear Dynamic Conductivity," Phys. Rev. **E51**, 929 (1995)(2;404)
142. Articles 47,48 and 53 cited by J. Florencio (Penn State) in "Dynamic Structure Factor of the Transverse Ising Model," J. Phys. C.M. **7**, 1763 (1995). (3;407)
143. Articles 47,48,61 and 73 cited by S. Sen (Buffalo, NY) in "Relaxation in a Duffing Potential," Physica **A216**, 271 (1995). (4;411)
144. Articles 88 cited by D. Plenkov (E. Carolina Univ., NC) in "Medical Physics," Rev. Mex. Fis. **40**, 309 (1994). (1;412)
145. Articles 31 and 40 cited by S.K. Oh (Chungbook Nat'l. Univ., Korea) in "Dynamical Classical Spin van der Waals Model," preprint. (2;414)
146. Articles 31,43,83 and 84 cited by S.K. Oh (Chungbook, Korea) in "Finite Size Effect," Phys. Rev. **B53**, 11557 (1996) (4;418)
147. Articles 47,48 and 53 cited by J.B. Hong (Seoul, Korea) in "Mott Hubbard Transition in the Hubbard Model," Phys. Rev. **B52**, 2415 (1995). (3;421)
148. Articles 47,48 and 53 cited by Hae Young Kim (Seoul, Korea) in "The Half Filled Hubbard Model," Preprint 3/25/95. (3;424)
149. Article 95 cited by M. Apostol (Montpellier, France) in "On the Long Wavelength Limit of the Structure Factor," Can. J. Phys. **73**, 647 (1995). (1;425)
150. Article 59 cited by T.P. Doer and P.L. Taylor (Case-Western Reserve) in "The Harmonic Chain," J. Chem. Phys. **101**, 10107 (1994). (1;426)
151. Article 59 cited by F.A. Oliviera and P.L. Taylor (Case-Western Reserve) in "The Lennard-Jones Chain," J. Chem. Phys. **101**, 10118 (1994). (1;427)
152. Article 54 cited by S. Corezzi *et al.* (Pisa, Italy) in "Chaos and Thermal Conductivity," preprint rec'd 7/26/95, Phys. Rev. **E52**, 6881 (1996). (1;428)
153. Articles 54 and 84 cited by V. Capek (Prague, Chech.) in "From Convolutionless Master Equation," Czech. J. Phys. **48**, 993 (1998). (2;430)
154. Article 59 cited by F.A. Oliviera (Brasilia, Brazil) in "Dynamical Renormalization of Anharmonic Lattice," Phys. Rev. **B52**, 1009 (1995). (1;431)
155. Article 47 cited by F. Shabata (Tokyo, Japan) in "Analysis on Hierarchical Equations of Mori," J. Phys. Soc. (Japan) **64**, 93 (1995). (1;432)
156. Articles 31,83 and 84 cited by M. Chertkov (Rehovot, Israel) in "Equilibrium Dynamics of a Paramagnetic Clusters," Phys. Rev. **B51**, 3974 (1995). (3;435)
157. Articles 31,83 and 84 cited by M. Chertkov (Rehovot, Israel) in "Equilibrium and Nonequilibrium Mean-Field Dynamics," JETP **79**, 824 (1994). (3;438)
158. Article 89 cited by P.L. Nash (Univ. of Texas) in "Kramers Kronig Relations for Phase Spectrum," J. Mod. Opt. **42**, 1837 (1995). (1;439)
159. Article 98 cited by A. Holas (Warsaw, Poland) and N.H. March (Oxford, UK) in "Density matrix of a Fermi liquid," Phys. Chem Liquids **32**, 245 (1996). (1;440)
160. Article 66 cited by A. Cuccoli *et al.* (Firenze, Italy) in "Effective Hamiltonian in Quantum Statistical Mechanics," J. Phys. C.M. **7**, 789 (1995). (1;441)
161. Articles 47,53 and 65 cited by I.V.Krasousky and (Kharkov, Ukraine) in "New Method in the Many-Body Problem," J. Phys. **A28**, 1493 (1995). (3;444)
162. Article 65 cited by S. Sen (Buffalo, NY) in "Relaxation of Classical Particles in Anharmonic Multi-Well Potentials," preprint 10/23/95. (1;445)

163. Article 102 cited by K.T.R. Davies (Pittsburgh, PA) in "The Mathematics of PV Integrals," *Math. Models and Methods in Appl. Sci.* **6**, 833 (1996). (1;446)
164. Article 66 cited by A. Macchi *et al.* (Firenze, Italy) in "The Reconstruction of Spectral Densities," *Phys. Rev.* **B53**, 5363 (1996). (1;447)
165. Articles 47,48,53,59 and 65 cited by S. Sen (Buffalo, NY) in "Relaxation in the $s=1/2$ Isotropic Heisenberg Chain at $T=\infty$," *Physica* **A223**, 195 (1995). (5;452)
166. Article 66 cited by M. Znojil (Prague, Czech.) in "Scheme for the Lippmann-Schwinger Type Equation," *Phys. Lett.* **A211**, 319 (1996).. (1;453)
167. Article 47 cited by A.Giesckus (Dortmund, Ger) in "Dynamical Correlations in a Hubbard Chain," *Phys. Rev.* **B52**, 2476 (1995). (1;454)
168. Article 44 cited by C.H. Choi (Taegu, Kor) in "Convergence of the Continued Fraction" *Phys. Rev.* **E52**, 3221 (1995). (1;455)
169. Articles 47,48,53,54,66 cited by S. Sen (Buffalo, NY) in "Relaxation in a Spin-1/2 Quantum Spin Chain," *Phys. Rev.* **B53**, 3308 (1996). (5;460)
170. Article 97 cited by R. Tsekov (Sofia, Bulg) in "Brownian Motion of Molecules: the Classical Theory." Preprint received 3/14/96. (1;461)
171. Articles 47,48,53,59,63,65,74 cited by S. Sen (Buffalo, NY) in "Dynamical Universality and Classical B Motion," *Phys. Rev.* **B53**, 5104 (1996). (7;468)
172. Article 54 cited by R. Blasi (Bari, Ita) in "Short Time Behavior of the Correlation Functions," *Phys. Rev.* **A53**, 2033 (1996). (1;469)
173. Article 31 cited by V.E. Zobov (Krasnoyarsk, Rus) in "Third Moment" *Zh. Exp. Teo. Fiz.* **108**, 1450 (1995). *JETP* 81(4) 795 (1995). (1;470)
174. Articles 47,48,53,59,73,74 cited by S. Sen (Buffalo, NY) in "Slow Relaxation in 1d." preprint rec'd 5/19/96. (6;476)
175. Arts. 53,62,65,44,57,66,84 cited by S.G. Jo *et al.* (Taegu, Kor) in "Convergence criteria of an Infinite Continued Fraction." preprint rec'd 6/10/96. (7;483)
176. Article 62 cited by M.E. Bachlechner *et al.* (Linz, Austria) in "Energy-Loss Function for the Electron Liquid," *Phys. Rev.* **B54**, 2360 (1996). (1;484)
177. Article 47 cited by Y.M. Yu (Kingston, R.I.) in "Phase Separation on Spin Dynamics of 1d t-J Model," *J. App. Phys.* **79** 4629 (1996). (1;485)
178. Article 47 cited by S. Zang (Kingston, R.I.) in "Dynamics of Spin Systems in Dimer," *J. App. Phys.* **79**, 5227 (1996). (1;486)
179. Article 47 cited by S. Zang (Kingston, R.I.) in "Fluctuations in the Frustrated Heisenberg Model," *J. App. Phys.* **79**, 6630 (1996). (1;487)
180. Article 44 cited by R.K. Moudgil *et al.* (Shimla, Ind) in "Dynamic Structure Factor of a 2d Electron Gas," *Phys. Rev.* **B54**, 8809 (1996). (1;488)
181. Article 47 cited by Y.M. Yu *et al.* (Kingston, R.I.) in "Dimer and Neel Order Parameter Fluctuations," *Phys. Rev.* **B54**, 9242 (1996). (1;489)
182. Articles 47,48,53 cited by Y. Su (Taegu, Kor) in "Theory of Cyclotron Resonance Linewidths," *Physica* **B222**, 209 (1996). (3;492)
183. Articles 61,68,95 cited by A. Kallio (Oulu, Fin) in "Novel Analytic Calculations of Electron Gas Properties," *Phys. Rev. Lett.* **77**, 4237 (1996) (3;495)
184. Article 54 cited by P. Allegrini *et al.* (Denton, TX) in "Dynamical Approach to Levy Process," *Phys. Rev.* **E54**, 4760 (1996). (1;496)
185. Article 97 cited by K. Tankeshwan (Panjau, India) in "Longitudinal and Bulk Viscosities of LJ Fluids," *J. Phys. Cm* **8**, 10847 (1996). (1;497)

186. Articles 44,47,48,53, 92 cited by Y.H. Kee (Seoul, Korea) in “Dynamical Properties of the Hubbard Model,” *J. Kor. Phys.* **29** 580 (1996). (5;502)
187. Article 63 cited by M.E. Bachlechner *et al.* (Linz, Austria) in “Excitations in an Electron Liquid,” *Nucl. Instru.* **B115**, 23 (1996). (1;503)
188. Article 97 cited by V. Giovanetti *et al.* (Pisa, Italy) in “Wavefunction Collapse and Objective Randomness,” *Phys. Lett.* **A224**, 31 (1996). (1;504)
189. Articles 36, 43, 83 and 84 cited by S.K. Oh (Chungbuk, Korea) in “Dynamic Finite Size Effects,” *Phys. Rev.* **B55**, 44 (1996). (4;508)
190. Articles 47, 48 and 53 cited by Y.H. Kee (Seoul, Korea) in “Resistivity of the Manganese Oxides,” *Phys. Rev.* **B55**, 1011 (1997). (3;511)
191. Articles 97 and 100 cited by S.K. Sharma (Panjab, India) in “Shear Viscosity of Expanded Rubidium,” *J. Phys. Condens. Matter* **9**, 6185 (1997). (2;513)
192. Arts. 44, 47, 53 and 63 cited by J. Sug (Taegu, Korea) in “Quantum Transport Theory Based on Projection Operators,” *Phys. Rev.* **E55**, 314 (1997). (4;517)
193. Articles 47, 48 and 53 cited by H.Y. Kee (Seoul, Korea) in “Analysis of Optical Conductivity in Cuprates,” *Phys. Rev.* **B55**, 567 (1997). (3;520)
194. Article 53 cited by I. Sawada (Osaka, Japan) in “Long Time Tails and Strongly Colored Quantum Noise at T=0,” *J. Phys. Soc. (Jpn)* **65**, 3100 (1996). (1;521)
195. Article 98 cited by A. Holas and N. March (Oxford, UK), *Phys. and Chem. Lett.* **32**, 2456 (1996). (1;522)
196. Articles 62 and 76 cited by N.P. Wang (San Sebastian, Spain) in “Electronic Energy Loss Straggling,” *J. Phys. C.M.* **9**, 6837 (1997). (2;524)
197. Articles 59 and 74 cited by S. Sen (Buffalo, NY) in “Sound Propagation in Impure Granular Columns,” *Phys. Rev.* **E54**, 6857 (1996). (2;526)
198. Article 53 cited by I. Sawada (Osaka, Japan) in “Derivation of the Closed Form Solution of the Mori Formula,” *J. Phys. Soc. (Jpn)* **66**, 2218 (1997). (1;527)
199. Articles 96 and 103 cited by M. Apostol (Bucharest, Romania) in “On Certain Dimensionality Effects,” *Phys. Rev.* **E56**, 4854 (1997). (2;529)
200. Article 30 cited by S.K. Oh (Chungbuk, Korea) in “Dynamic Finite Size Effect in 2d Classical XY Model,” *J. App. Phys.* **81**, 3986 (1997). (1;530)
201. Article 54 cited by A. Greiner (Lecce, Italy) in “Thermal Conductivity and Lorenz Numbert,” *Phys. Rev. Lett.* **78**, 1114 (1997). (1;531)
202. Article 47 cited by S. Zhang (Rhode Island, USA) in “Charge Spin Density in 1d t-j Model,” *Phys. Rev.* **B55**, 6491 (1997). (1;532)
203. Arts. 47, 48 and 53 cited by J. Florencio (Belo Horizonte, Brazil) in “Dynamics of a TI Model with 4 Spin Interactions,” *Physica* **A235**, 523 (1997). (3;535)
204. Article 44 cited by N.L. Kang, *J. Phys. Soc. (Korea)* **29**, 671 (1996). (1;536)
205. Article 64 cited by M. Dunn (Norman, OK) in “Higher Angular Momentum States to D Dimensions,” *Ann. Phys.* **251**, 266 (1995). (1;537)
206. Articles 54, 83 and 84 cited by P. Allegrini (N. Texas) in “Slow Motion,” *Phys. Lett* **A233**, 309 (1997). (3;540)
207. Articles 54, 84 cited by V. Capek (Prague), “Exact Memory Integrals,” *Z. Phys.* **B104**, 323 (1997). (2;542)
208. Articles 42, 53 cited by G. Ropke (Rostock, Ger.), “Dielectric Functions of Nonideal Plasmas,” *Phys. Rev.* **E57**, 4673 (1998). (2;544)
209. Articles 47, 53, 65 cited by I.M. Krasovsky (Kharkov, Ukraine), “Principles of Perturbation Theory,” *Low Temp. Phys.* **23** 1179 (1997). (3;547)

210. Article 80 cited by A. Bergara (Bilboa, Sp.), "Energy-Loss Rates in 2d Electron Gas," *Phys. Rev.* **B55**, 12864 (1997). (1;548)
211. Articles 31, 43, 83, 84 cited by S.K. Oh (Chungbuk Univ., Kor.), "Dynamic Finite Size Scaling in the XY Model," *Phys. Rev.* **B56**, 13672 (1997). (4;552)
212. Articles 48 and 53 cited by J.B. Hong (Seoul, Kor.) in "Nonperturbative Approach to the Green Function," *J. Kor. Phys. Soc.* **31**, L829 (1997). (2;554)
213. Article 103 cited by R.K. Pathria (Waterloo, Can.), "Similarity between Bose and Fermi gases," *Phys. Rev.* **E57**, 2697 (1998). (1;555)
214. Articles 44,47,48,57 cited by Y. Millev (Leipzig, Ger.), "Is there a physical application of continued fractions?" *Am. J. Phys.* **66**, 655 (1998). (4;559)
215. Article 92 cited by G. Ropke and A. Wierling (Rostock, Ger.), "Dielectric function of a plasma with collisions," *Phys. Rev.* **E57**, 7075 (1998). (1;560)
216. Article 103 cited by T. Cheon and T. Shigehara (Kochi, Japan), "Fermi Bose duality of 1d particles," *Phys. Rev. Lett.* **82**, 2536 (1999). (1;561)
217. Article 66 cited by A. Cucoli (Florence, Ital.), "Effective potential, Mori," *J. Phys.* **A31**, L419 (1998). (1;562)
218. Article 78 cited by S. Sen (Buffalo, NY), "Soliton like pulse in impurities," *Phys. Rev.* **E57**, 2386 (1998). (1;563)
219. Articles 48,53,57,62,65,66, 100 cited by S.G. Jo (Taegu, Kor), "Convergence for continued fractions," *J. Kor. Phys. Soc.* **32**, 65 (1998). (7;570)
220. Articles 97, 100 cited by R. Sharma (Panjab, Ind), "Mutual diffusion in binary systems," *J. Chem. Phys.* **108**, 2601 (1998). (2;572)
221. Articles 47, 53, 66, 97 cited by N. Sergeev (Szchenin, Pol), "Finite pulse widths on echo signals," *Sol. State NMR* **10**, 45 (1997). (4;576)
222. Article 89 cited by K. Peiponen (Joensuu, Fin), "Dispersion relations and phase relations," *Prog. Opt.* **37**, 57 (1997). (1;577)
223. Article 47 cited by A. Schmitt (Wupert, Ger), "Structure factors of the Haldane phase," *Phys. Rev.* **B58**, 5498 (1998). (1;578)
224. Articles 47, 53, 65 cited by S. Sen (Buffalo, NY), "Stretched exponential-like impurities," *Physica* **A253**, 178 (1998). (3;581)
225. Article 47 cited by G. Jesudason (Malasia), "Differences concerning Heisenberg uncertainty principle," *Phys. Essay* **11**, 6 (1998). (1;582)
226. Article 54 cited by A. Mazza (Denton, TX), "Master eq and Anderson localization," *Phys. Lett.* **A238**, 169 (1998). (1;583)
227. Articles 47,53 cited by J. Hong (Seoul, Kor), "Nonperturbative approach for Green function," *J. Kor. Phys. Soc.* **31**, L829 (1997). (2;585)
228. Article 59 cited by F. Oliviera (B Horizonte, Br), "Transition state analysis for nucleation," *Phys. Rev.* **B57**, 10576 (1998). (1;586)
229. Article 64 cited by R. Pickenhalin (Leipzig, Ger), "Quadratic response of a Fermi gas," *Phys. Sol. Stat. (b)* **154**, 219 (1989). (1;587)
230. Article 66 cited by I. Krasovsky (Dresden, Ger), "Eigenvalue density for Jacobi matrices." Preprint received 11/4/98. (1;588)
231. Article 103 cited by T. Cheon (Kochi, Jap), "Fermion-boson duality of 1d quantum particles." Preprint received 8/31/98. (1;589)
232. Articles 54, 84 cited by V. Capek (Prague, Czech), "Disappearance of time integrals in Mster eq," *Ann. Phys. (Berlin)* **7**, 201 (1998). (2;591)
233. Article 66 cited by R. Giachetti (Florence, Ita.), "Effective Potential and Dyn. Correlations," *Phys. Lett.* **A252**, 157 (1999). (1;592)

234. Article 92 cited by G. Ropke (Rostock, Ger.), "Response Function for Fermi Gas," *Phys. Rev.* **E60**, R2484 (1999). (1;593)
235. Article 81 cited by A. Bhattachaya (Calcutta, Ind.), "Dimensional Gluon Plasmas," *Acta Phys. Hung. NS* **H8**, 201 (1998). (1;594)
236. Article 14 cited by K.K. Pan (Taipei), "Neel Temperature of Heisenberg Spin Model," *Phys. Rev.* **B59**, 1168 (1999). (1;595)
237. Articles 47,48,53,65 cited by J. Hong (Seoul, Kor.), "Large d Hubbard Model," *Int. J. Mod. Phys.* **12**, 2809 (1998). (4;599)
238. Article 54 cited by A. Rocco (N. Texas), "Markov Approximations," *Phys. Lett.* **A252**, 115 (1999). (1;600)
239. Articles 39,83,84 cited by S.K. Oh (Chungbuk, Kor.), "Time Scaling of Classical Spin Model," *J. Phys. Soc. Kor.* **34**, 117 (1999). (3;603)
240. Article 94 cited by V.E. Zobov (Krasnoyarsk, Rus.), "Orientation Dependence," *JETP* **88**, 157 (1999). (1;604)
241. Article 54 cited by P. Grigolini (N. Texas), "Fractal Calculus," *Phys. Rev.* **E59**, 2603 (1999). (1;605)
242. Article 92 cited by G. Ropke (Rostock, Ger.), "Collisions in 2 comp Plasmas," *J. Plas Phys.*, Jan. 2000 (in press). (1;606)
243. Article 31 cited by A. Kuryame (Osaka, Jpn.), "Instability of Lipkin Model," *Prog. Theo. Phys.* **101**, 1001 (1999). (1;607)
244. Articles 44,47,48,57,65,92 cited by I. Sawada (Osaka, Jpn.), "Dynamics of Spin Model," *Phys. Rev. Lett.* **83**, 1668 (1999). (6;613)
245. Articles 47,48,53,59,74,94 cited by R.S. Sinkovits (San Diego), "Slow Algebraic Relaxations," *Phys. Rev.* **E59**, 649 (1999). (6;619)
246. Articles 96,103 cited by H. Blas (Sao Paulo, Br.), "Relativistic Thermodynamics of Gases," *Phys. Rev.* **E60**, 6164 (1999). (2;621)
247. Article 47 cited by R.E. Nettleton (Johannesburg, S.Afr.), "Thermal Evolution Eq.," *Open Syst. & Info. Dyn. (Kluwer)* **5**, 201 (1998). (1;622)
248. Articles 47,48,53 cited by G. Ropke (Rostock, Ger.), "Linhard Dielectric Function," *Phys. Lett.* **A260**, 365 (1999). (3;625)
249. Articles 47,48,53 cited by J. Florencio (Belo Horizonte, Br.), "Random Ising Model," *Phys. Rev.* **B60**, 9555 (1999). (3;628)
250. Article 47 cited by M. Znojil (Prague, Czech), "Non-Hermitian Matrix of Anharmonic Oscillators," *J. Phys.* **A32**, 7419 (1999). (1;629)
251. Articles 54,65 cited by J. Stolze (Dortmund, Ger.), "Impurity Spin XX Chain," *Phys. Rev.* **B60**, 4026 (2000). (2;631)
252. Article 54 cited by J. Douglas (NIST), "Dynamic Entropy in Super Cooled Liquid," *Phys. Rev.* **E60**, 5214 (1999). (1;632)
253. Articles 47,48,53 cited by M. Marcini (Buffalo, NY), "Propagation of solitons," *Physica* **A247**, 588 (1999). (3;635)
254. Article 96 cited by A. Ayala (Mexico, MX), "Right handed neutrino production in dense plasmas," *Nucl. Phys.* **B564**, 204 (2000). (1;636)
255. Article 103 cited by P.N. Vorontsov (St. Petersburg, RU), "Trapped mesoscopic quantum gases," *J. Phys.* **A33**, 1857 (2000). (1;637)
256. Articles 47,57,65,92 cited by I. Sawada (Osaka, Jp), "Excitations in dimers," *J. Phys. Chem. Solids* **62**, 373 (2001). (4;641)
257. Articles 47,48,92,57,65,74 cited by J. Kim (Pusan, Kr), "Dynamics for HO chains in Bethe lattice," *Phys. Rev.* **E61**, 373 (2001). (6;647)

258. Articles 53 and 92 cited by H. Reinholz (Needlands, AU), "Generalized linear response theory," *Aust. J. Phys.* **53**, 133 (1999). (2;649)
259. Article 48 cited by N.L. Kang (Taegu, Kor), "Recurrence relations properties of conductivity," *J. Kor. Phys. Soc.* **36**, 219 (2000). (1;650)
260. Article 108 cited by G. Roepke (Rostock, Ger), "Dielectric function," *Plas. Phys.* **39**, 323 (1999). (1;651)
261. Article 54 cited by M. Anunzia (Pisa, Ital), "F-D theorem with no timescale," *Phys. Rev.* **E61**, 4801 (2000). (1;652)
262. Article 90 cited by G. Frenkel (Tel Aviv, Isr), "Structure of the memory function," *EJP* **50**, 6208 (2000). (1;653)
263. Article 47 cited by I. Sawada (Osaka, Jpn), "Dynamics of spin chains," *Physica* **B284**, 154 (2000). (1;654)
264. Articles 48, 66 cited by B. Boechat (Belo Horizonte, Braz), "Dynamics behavior of random Ising," *Phys. Rev.* **B61**, 14327 (2000). (2;656)
265. Article 47 cited by M.Znojil (Prague), "Short-range oscillators in a series picture," *J. Phys.* **A33**, 1647 (2000). (1;657)
266. Article 14 cited by K.K. Pan (Taiwan), "Neel temperature of 2d Heisenberg antiferromagnets," *Phys. Lett.* **A271**, 291 (2000). (1;658)
267. Article 74 cited by M. Mancius (Buffalo, NY) in "Dynamics of a loaded chain," *Chaos* **10**, 658 (2000). (1;659)
268. Articles 47, 53, 54 cited by T. Srokowsku (Krakow, Pol.) in "Nonstationarity induced noise," *Phys. Rev. Lett.* **85**, 2232 (2000). (3;662)
269. Articles 48, 54 cited by R.E. Nettleton (Johannesburg, SA), "Simple decay in dynamic correlations," *J. Phys.* **A33**, 7555 (2000). (2;664)
270. Articles 48, 53 cited by J. Hong (Seoul, Kor.), "Mott-Hubbard systems in large d," *Phys. Rev.* **B62**, 1258 (2000). (2;666)
271. Article 31, 43 cited by S.K. Oh (Chungbook, Kor.), "Infinite range kinetic Ising model," *J. Phys. Soc. Kor.* **37**, 503 (2000). (2;668)
272. Article 96 cited by D. Anghel (Jyvasla, Finland), "Dimensional effects in Bose and Fermi systems," *Phys. Rev.* **E62** 7065 (2000). (1;669)
273. Article 43 cited by S.K. Oh (Chungbuk, Korea), "Field dependence of dynamic scaling," *Kor. J. Phys.* **38**, 78 (2001). (1;670)
274. Articles 96 and 103 cited by J.P. Boyd (Ann Arbor), "Additive approx to the dilogs," *App. Phys. Lett.* **14**, 477 (2001). (2;672)
275. Articles 48, 59, 65, 66 cited by O. Bonfim (Portland), "Dynamics of Ising spin chains," *J. Phys. Soc. Jpn.* **70**, 829 (2001). (4;676)
276. Articles 47, 59 cited by F. Oliveira (Brazilia, Braz.), "Comment on nonstationarity," *Phys. Rev. Lett.* **86**, 5839 (2001). (2;678)
277. Article 103 cited by D. Anghel (Oslo, Nor.), "Noise in tunnel junctions," *J. Low Temp. Phys.* **123**, 197 (2001). (1;679)
278. Articles 96, 191, 103, 105 cited by H. Schmidt (Osnabruck, Ger.), "Partition functions and symmetric polynomials," *Am. J. Phys.* **70**, 53 (2002). (4;683)
279. Articles 96, 103 cited by M.P. Blenko (Dartmouth College), "Particle asymptotics," *J. Math. Phys.* **42**, 5713 (2001). (2;685)
280. Articles 109, 110 cited by N.L. Kang (Taegu, Kor.), "New theory of magneto-optics," *J. Kor. Phys. Soc.* **39**, 389 (2001). (2;687)
281. Article 92 cited by H.K. Mao (Brookhaven, NY), in "Inelastic x-ray scattering at ultra high pressures," *J. Phys. CM* **13**, 784 (2001). (1;688)

282. Article 53 cited by T. Srokowki (Crakow, Pol.), in "Stochastic processes," *Phys. Rev.* **E64**, 03110 (2001). (1;689)
283. Article 57 cited by L. Andrezzi (Pisa, Italy), in "ESP study of dynamics of polymers," *Macromol* **34**, 7325 (2001). (1;690)
284. Article 53 cited by J.H. Lee (Taegu, Kor.), in "Validity of continued fractions," *Prog. Theor. Phys.* **106**, 513 (2001). (1;691)
285. Article 59 cited by A.V. Plyukhin (Toronto, Can), in "Stochastic dynamics," *Phys. Rev.* **E64**, 1103 (2001). (1;692)
286. Articles 47, 59, 111 cited by R. Morgando (Brazilia, Braz.), in "Anomalous and normal diffusion," *Phys. Rev. Lett.* **89**, 10060 (2002). (3;695)
287. Article 14 cited by K.K. Pan (Taiwan), in "Finite size scaling," *Phys. Rev.* **B64**, 2244 (2001). (1;696)
288. Articles 53, 110 cited by J.B. Lee (Taegu, Korea), in "Continued fractions," *J. Phys. Soc. (Jpn.)* **70**, 3719 (2001). (2;698)
289. Articles 47, 50, 65, 92, 105 by I. Sawada (Ishi, Japan), "Long time tails and mean field," *Physica A* **315**, 14 (2002). (6;704)
290. Article 111 cited by M. Annuziato (Rome, Italy), "Non Gaussian distribution," *Phys. Rev.* **E65**, 021113 (2002). (1;705)
291. Articles 83, 84 cited by E. Milotti (Udine, Italy), "Exact dynamics of 00 range spin systems," *Phys. Rev.* **E65**, 027102 (2002). (2;707)
292. Article 109 cited by A.L. Kuzemsky (Dubna, Rus.), "Green function approach," *Riv. N. Cimento* **25**, 1 (2002). (1;708)
293. Articles 50, 53, 59, 65 cited by J. Hong (Seoul, Korea), "1D XY model," *J. Kor. Phys. Soc.* **25**, 91 (1992). (4;712)
294. Article 118 cited by A. Ladu (LSU), "Laplace transform of spherical Bessel functions," *Physica Script.* **65**, 369 (2002). (1;713)
295. Articles 53, 66 cited by H.J. Lee (Taegu, Korea), "Nonlinear optical conductivity," *Phys. Rev.* **B65**, 19513 (2002). (2;715)
296. Articles 31, 83, 84 cited by A. Mirampwoc (Tokyo, Japan), "Spin entanglements," *Phys. Rev.* **A65**, 062321 (2002). (3;718)
297. Articles 102, 104 cited by K. Peiponen (Jensuu, Finland), "Dispersion theory of reflections," *Phys. Rev.* **A65**, 063810 (2002). (2;720)
298. Articles 53, 110 cited by I.S. Tolok (Guelph, Canada), "Ion channel transport," *Mol. Phys.* **100**, 235 (2002). (2;722)
299. Articles 96, 103, 105, 117 cited by V. Anghel (Oslo, Norway), "Gases in 2d," *J. Phys.* **A35**, 7255 (2002). (4;726)
300. Arts. 48, 65, 115 cited by J. Kim (Chanwon, Korea), "Transition behavior," *J. Phys.* **A35**, 7305 (2002). (3;729)
301. Arts. 47, 92 cited by K. Morawetz (Dresden, Ger.), in "Dynamic local field," *Phys. Rev.* **B66**, 6675125 (2002). (2;731)
302. Art. 103 cited by M. Crescomano (Youngstown, OH), in "Spectral equivalence," *Phys. Rev.* **A63**, 635601 (2001). (2;732)
303. Art. 114 cited by J. Arnaud (St. Martial, Fra.), in "Carnot cycle," *EJ Phys.* **23**, 489 (2002). (1;733)
304. Art. 111 cited by M. Bologna (Denton, N TX), in "Strange kinetics," *Chem. Phys.* **284**, 115 (2002). (1;734)
305. Art. 100 cited by S. Sing (Punjab, India), in "Secant memory," *Mod. Phys. Lett* **B16**, 739 (2002). (1;735)

306. Arts. 48, 66, 92 cited by A. Wierling (Jena, Ger.), in “Dynamic response,” *Plas. Phys.* **9**, 4871 (2002). (3;738)
307. Arts, 47, 53, 65 cited by S. Sen (Buffalo, NY), in “Nonlinear model for the brain,” *Physica* **A315**, 26 (2002). (3;741)
308. Arts. 47, 50, 59, 66, 74, 97, 100 cited by S. Sen (Buffalo, NY), in “Relaxation in nonlinear systems,” *Physica* **A315**, 150 (2002). (7;748)
309. Article 114 cited by M. Scully (Texas AM) in “Extracting heat,” *Sci.* **299**, 862 (2003). (1;749)
310. Article 103 cited by M. Grether (Mexico City, MX) in “Harmonic trap quantum gases,” *Eur. J. Phys.* **D23**, 117 (2003). (1;750)
311. Article 103 cited by W.J. Mullin (Amherst, MA) in “BEC fluctuations,” *AJP* **71**, 661 (2003). (1;751)
312. Article 62 cited by J. Dauligault (Los Alamos, NM) in “Dynamic functions of TCP,” *J. Phys.* **A36**, 6265 (2003). (1;752)
313. Article 147 cited by I. Sawada (Ishi, Jpn) in “Dynamics of spin chains with impurities,” *Physica* **B329**, 998 (2003). (1;753)
314. Articles 53, 111, 115 cited by I. Costa (Brasilia, Braz) in “F-D theorem,” *Europhys. Lett.* **63**, 173 (2003). (3;756)
315. Articles 48, 50, 54, 92, 109, 115 and 119 cited by M. Nunez (Belo Horiz., Braz) in “Effects of disorder,” *Phys. Rev.* **B68**, 014406 (2003). (7;763)
316. Articles 48, 62, 110, 115 and 120 cited by J. Dauligault (Los Alamos, NM) in “Continued fractions,” *Phys. Rev.* **E68**, 015401 (2003). (5;768)
317. Article 120 cited by A. Horikoshi (Nara, Jpn) in “Quantum dynamic correlations,” *J. Chem. Phys.* **119**, 4629 (2003). (1;769)
318. Article 105 cited by Q. Gu (Dresden, Ger) in “Fermomag transitions and BEC,” *Phys. Rev.* **A68**, 031604 (2003). (1;770)
319. Articles 96 and 105 cited by L. Maximon (Wash, DC) in “Dilog functions,” *Proc. Roy. Soc. Lond. A Math.* **459**, 2807 (2003). (2;772)
320. Articles 96, 103, 105 and 117 cited by D. Anghel (Oslo, Nor) in “Condensation in ideal Fermi gas,” *J. Phys.* **A36**, L577 (2003). (4;776)
321. Article 100 cited by A. Jaheri (Panjab, India) in “Viscosity,” *J. Phys. CM* **15**, 668 (2003). (1;777)
322. Article 54 cited by P. Allegrini (Denton, TX) in “New vision for complexity,” *J. Chaos, Soliton and Fractals* **20**, 11 (2004). (1;778)
323. Arts. 47, 48, 53, 54, 62, 66, 92, 110, 115 and 120 cited by M. Nunez (Belo Horiz., Braz) in “Quantum XY chain,” *Physica* **A332**, 1 (2003). (10;788)
324. Article 100 cited by R.M. Yulmetyev (Kazan, Russia) in “Diffusion time scale,” *Phys. Rev.* **E68**, 051201 (2003). (1;789)
325. Articles 96, 99, 101 cited by J. Ulbrich (Raleigh, NC), in “Solution to Fermi Bose Integral,” *J. Comp. Elec.* **1**, 431 (2002). (3;792)
326. Articles 96, 99, 101 cited by J. Ulbrich (Raleigh), *J. App. Phys.* **90**, 1625.(3;795)
327. Article 100 cited by S. Singh (Panjab Univ., India) in “Derivation of memory function,” *J. Phys. Chem. Liquids* **41**, 567 (2003). (1;796)
328. Article 48 cited by T. Prosen (Ljybjana, Slovenia) in “Ruelle resonance in a kicked rotator,” *Physica* **D187**, 244 (2004). (1;797)
329. Article 103 cited by A. Swarup (London, UK) in “Fermi Bose correspondence,” *J. Low Temp. Phys.* **134**, 88 (2004). (1;798)

330. Articles 47, 48, 112, 115, 120 cited by V.V. Belyi (Moscow, Russia) in “FD theorem in slow processes,” *Phys. Rev.* **E69**, 017104 (2004). (5;803)
331. Article 1 cited by F. de Pasquale (Rome, Italy) in “Experiments in quantum magnets,” *J. Stat. Phys.* **115**, 125 (2004). (1;804)
332. Article 104 cited by J. Nimec (Prague, Czech.) in “Time domain study of defect formation,” *Appl. Optics* **43**, 1965 (2004). (1;805)
333. Article 65 cited by J. Ulmer (Wroochlow, Poland) in “Crystal field excitations,” *Int. J. Mod. Phys.* **B18**, 337 (2004). (1;806)
334. Articles 47, 59, 115 cited by R. Morgan (Barsilia, Brazil) in “Normal and abnormal diffusion,” *Acta Phys. Pol.* **332**, 1 (2004). (3;809)
335. Articles 65, 120 cited by H. Mori (Fukuoka, Japan) in “Memory function approach to chaos,” *Prog. Theor. Phys.* **111**, 6351 (2004). (2;811)
336. Articles 96, 103, 107 cited by S. Ciccariello (Padova, Italy) in “Lerches functions,” *J. Math Phys.* **45**, 3353 (2004). (3;814)
337. Article 104 cited by V. Lucarini (Joensuu, Finland) in “Dispersion theory and sum rules in optics,” *Riv. Nuovo Cimento* **26**, 1 (2003). (1;815)
338. Article 103 cited by J. Schmidt (Osnabruch, Germany) in IOP Conference Proceedings **173**, 147 (2003). (1;816)
339. Article 120 cited by T. Koida (Frankfurt, Germany) in “Critical slowdown,” *Nucl. Phys.* **A742**, 95 (2004). (1;817)
340. Article 115 cited by T. Costa (Brasilia, Brazil) in “Comment on FD theorem,” *E. J. Phys. Lett.* **67**, 1052 (2004). (1;818)
341. Articles 26, 129 cited by A. Pires (Belo Horizonte, Brazil) in “Mori formalism,” *Braz. J. Phys.* **34**, 1189 (2004) (2;820)
342. Article 37 cited by P. Tripodi (Frascati, Italy) in “High Tc superconducting phases in PdH,” *Physica* **C388**, 57 (2003). (1;821)
343. Article 37 cited by P. Tripodi (Frascati, Italy) in “Magnetic and transport properties in PdH,” *Braz. J. Phys.* **34**, 1177 (2004). (1;822)
344. Article 37 cited by P. Tripodi (Frascati, Italy) in “Superconductivity in PdH,” *Physica* **C408-410**, 350 (2004). (1;823)
345. Articles 96, 103 cited by S. Ciccariello (Padova, Italy) in “Positive entropy constraint,” *E.J. Phys.* **25**, 815 (2004). (2;825)
346. Article 120 cited by J.L. Garcia-Palacios (Zaragoza, Spain) in “Caldeira-Leggett model,” *J. Phys.* **A37**, 10735 (2004). (1;826)
347. Article 47 cited by I. Sawada (Ishikawa, Japan) in “Ground state memory,” *AIP Conference Proceedings* **CP708**, 701 (2004). (1;827)
348. Articles 109, 110 cited by A. Mokshin (Kazan, Russia) in “Relaxation time scale,” *J. Chem Phys.* **121**, 7341 (2004). (2;829)
349. Article 103 cited by H.J. Schmidt (Osnabruck, Ger.) in “Symmetric polynomials,” *IOP Conf. Proc.* **45**, 3353 (2004) (1;830)
350. Article 53 cited by T. Srokowski (Krakow, Pol.) in “Stochastistic eq.,” *Phys. Rev.* **E70**, 051102 (2004). (1;831)
351. Articles 31, 83 cited by V.E. Zobov (Kransnoya, Ru.) in “Coherence in nuclear spin,” *Theor. and Math. Phys.* **141**, 1737 (2004). (2;833)
352. Art. 120 cited by S.L. Narasima (Bombay, In.) in “Coarse graining,” *EPL* **69**, 22 (2005). (1;834)
353. Article 120 cited by H. Mori (Kyshu, Jp.) in “Turbulent transportation,” *Prog. Theor. Phys.* **113**, 29 (2005). (1;835)

354. Article 96 cited by J. Llano (Uppsala, Sw.) in “First principles electrochemistry,” *J. Chem. Phys.* **122**, 0871030 (2005). (1;836)
355. Article 59 cited by S. Sen (Buffalo, NY) in “Quasiequilibrium phases in 1d,” *Physica* **A342**, 336 (2004). (1;837)
356. Article 59 cited by T. Mohan (Buffalo, NY) in “Quasi-equilibrium phases,” *Pranama* **64**, 423 (2005). (1;838)
357. Article 109 cited by A.L. Kuzemsky (Dubna, Ru.) in “Generalized kinetic eq.,” *Int. J. Mod. Phys.* **B19**, 1029 (2005). (1;839)
358. Articles 111, 115 cited by M.H. Vainstein (Brasilia, Br.) in “Stochastic processes,” *Phys. Lett A*, 33933 (2005). (2;841)
359. Article 120 cited by H. Mori (Kyushu, Jp.) in “Stochastic evolution from chaos and turbulence,” *Physica* **D205**, 7 (2005). (1;842)
360. Article 120 cited by I.A. Lanov (Kazan, Ru.) in “Magnetic properties of layered oxides,” *JETP* **100**, 9921 (2005). (1;843)
361. Articles 31, 43 cited by S.K. Oh (Chungbuk, Kr) in “Master eq in Ising model,” *JKPS* **46**, 6 (2005). (2;845)
362. Article 101 cited by S. Hallenberg (Dresden, Ger.) in “Rulle zeta function,” *J. Phys.* **A38**, 5097 (2005). (1;846)
363. Article 114 cited by F. Henna (Karlsruhe, Ger.) in “Light with nonzero chemical potential,” *APJ* **73**, 717 (2005). (1;847)
364. Article 120 cited by S.S. Melnyk (Khakov, Ukr.) in “Complexities in correlation,” *Phys. Rev.* **E72**, 026140 (2005). (1;848)
365. Article 105 cited by K. Kis-Saxbo (Budapest, Hu.) in “Super Bose gas,” *Phys. Rev.* **A72**, 023617 (2005). (1;849)
366. Article 62 cited by A. Wierling (Rostock, Ger.) in “Dynamic structure of dusty plasmas,” *contrib. to Plasma Phys.* **45**, 441 (2005). (1;850)
367. Article 103 cited by K. Patton (UGA) in “Thermodynamic equivalence,” *Physica A* **357**, 427 (2005). (1;851)
368. Articles 54, 94, 110, 111 cited by A. Mokshin (Kazan, Ru.) in “Simple measure of memory,” *PRL* **95**, 200601 (2005). (4;855)
369. Articles 96, 103, 105, 117 cited by D.V. Anghel (Oslo, Nor.) in “Fluctuations in Fermi condensae,” *J. Phys.* **A38**, 9405 (2005). (4;859)
370. Articles 47, 53, 111 cited by B.S. Skagerstam, A. Hansen (Trodheim, Nor.) in “Memory effects in traffic flows,” *EPL* **72**, 513 (2005). (3;862)
371. Articles 104, 122 cited by K. Peiponen (Joensuu, Fin.) in “THz spectra by dispersion relations,” *Phys. Rev.* **B72**, 245109 (2005). (2;864)
372. Articles 102, 104 cited by K.E. Peiponen (Joensuu, Fin.) in “Dispersion theory of reflections,” *J. Opt. Soc. Am.* **B23**, 114 (2006). (2;866)
373. Articles 54, 48, 66, 53, 120, 50, 65, 47, 31 cited by S. Sen (Buffalo, NY) in “Solving Liouville equation,” *Physics A* **360**, 304 (2006). (9;875)
374. Article 57 cited by L. Andrezzi (Pisa, Ital.) in “Scaling in rational dynamics,” *J. Phys. CM* **18**, 931 (2006). (1;876)
375. Article 120 cited by S.S. Melnyk (Kharkov, Ukr.) in “Memory function in Markov chains,” *EPL* **73**, 726 (2006). (1;877)
376. Articles 54, 58, 120 cited by M.H. Vainstein (Brasilia, Braz.) in “Nonexponential relaxation functions,” *EPL* **73**, 726 (2006). (3;880)
377. Article 114 cited by H.T. Quan (Beijing, Cn.) in “Quantum Carno cycle,” *Phys. Rev.* **E73**, 036122 (2006). (1;881)

378. Article 54 cited by S.H. Krishana (Bangalore, Ind.) in “Dynamics of inhomogeneous fluids,” *J. Chem. Phys.* **124**, 144503 (2006). (1;882)
379. Article 104 cited by J.S. Jarko (Joensuu, Fin.) in “Optical refraction index,” *J. Mod. Opt.* **53**, 1047 (2006). (1;883)
380. Article 47 cited by M. Kobayashi (Kyoto, Jp.) in “Chaotic dynamics,” *Prog. Theor. Phys.* **1115**, 701 (2006). (1;884)
381. Article 111 cited by X. Ma (Los Alamos, NM) in “Statistics of quantum particles,” *J. Mech and Phys. of Solid State* **54**, 1426 (2006). (1;885)
382. Articles 65, 48, 47, 53, 54 cited by Z.Q. Liu (Qufu, Cn.) in “Gaussian disorder,” *Phys. Rev.* **B73**, 224412 (2006). (5;890)
383. Articles 96, 107 cited by D. Anghel (Bucharest, Rom.) in “Finite size effects,” *J. Phys.* **A39**, 448 (2006). (2;892)
384. Article 120 cited by S.L. Narasimha (Bombay, Ind.) in “Long range correlations,” *Physica A* **367**, 252 (2006). (1;893)
385. Article 53 and 93 cited by H. Reinholz (Rostock, Ger.) in “Dielectric and optical properties of dense plasmas,” *Ann. d. Phys.* **30**, 4 (2005). (2;895)
386. Article 74 cited by J.J. Wiley (Hong Kong) in “Collapse of periodic orbits,” *Phys. Rev.* **E74**, 0113053 (2006). (1;896)
387. Article 105 cited by A.F. Koendernik (Amsterdam, Neth.) in “Complex response in nanochains,” *Phys. Rev.* **B74**, 033402 (2006). (1;897)
388. Article 120 cited by M. Okamura (Kyushu, Jp.) in “Evaluations of correlation functions,” *Prog. Theor. Phys.* **116**, 47 (2006). (1;898)
389. Article 120 cited by P. Argyrakis (Thessaloch, Greece) in “Dynamic correlations in a lattice,” *Phys. Rev.* **B74**, 035418 (2006). (1;899)
390. Articles 47, 115, 123 cited by I.V.L. Coster (Brasilia, Braz) in “Mixing and ergodicity,” *Physica* **A371**, 130 (2006). (3;902)
391. Article 122 cited by E. Genov (Joensuu, Finl) in “Dispersion relations,” *Appl. Phys. Lett.* **89**, 142903 (2006). (1;903)
392. Article 71 cited by J.R. Descarsi (Sao Paulo, Braz) in “Frequency moments for antennas,” *IEEE Ant and Prop* **48**, 96 (2006). (1;904)
393. Article 120 cited by J.L. Garcia-Palaci (Zaragoza, Sp) in “Spin quantum master eq.,” *J. Phys.* **A39**, 1324 (2006). (1;905)
394. Article 120 cited by M. Okumura (Kyushu, Jp) in “Validity in projection operators,” *Phys. Rev.* **E74**, 04621 (2006). (1;906)
395. Art. 120 cited by S.S. Melnyk (Kharkov, Ukr) in “Memory function in Markov chain,” *JPA* **39**, 14289 (2006). (1;907)
396. Arts. 42, 46, 60, 63 cited by K. Golden (Vermont) in “Dielectric functions in bilayers,” *Phys. Rev.* **E74**, 0564005 (2006). (4;911)
397. Arts. 53, 115, 123 cited by J.D. Bao (Beijing, Cn) in “Intermediate dynamics,” *Phys. Rev.* **E74**, 061111 (2006). (3;914)
398. Arts. 57, 63, 95 cited by R.E. Zobov (Kransnoyar, Russ) in “Second moment in multispin correlations,” *JETP* **116**, 1051 (2006). (2;917)
399. Art. 130 cited by R. Ishizaki (Tagawa, Jp) in “Memory function in chaotic systems,” *Prog. Theor. Phys.* **105**, 105 (2006). (1;918)
400. Art. 48 cited by G.M. Dai (Santa Clara, CA) in “Non-recursive orthogonalization,” *Opt. Lett.* **32**, 74 (2007). (1;919)
401. Arts. 54, 109, 110, 111, 120 cited by A.L. Mokshin (Kazan, Russ.) in “Dynamics of Al metal,” *J. Phys. CM* **19**, 046209 (2007). (5;924)

402. Art. 96 cited by N.S. Tonchev (Bucharest, Bulgaria) in “Casmir effect in critical phenomena,” *J. Opt. Electronics* **9**, 1 (2007). (1;925)
403. Art. 120 cited by S.S. Apostolov (Kharkov, Ukr.) in “Markov systems,” *Physica A* **376**, 165 (2007). (1;926)
404. Arts. 115, 120, 123 cited by L. Laps (Brasilia, Braz.) in “Entropy in ballistic transport,” *Europhys. Lett.* **77**, 3700 (2007). (3;929)
405. Art. 59 cited by M. Engel (Stuttgart, Ger.) in “Structure factor of oscillations in Fibo chain,” *Phys. Rev.* **B75**, 14, 42003 (2007). (1;930)
406. Art. 96 cited by M. Li (Xiamen, China) in “Paramagnetic eq. of state,” *PRA* **75**, 04560 (2007). (1;931)
407. Art. 103 cited by G.G. Potter (Rhode Island) in “Thermodynamics of an ideal quantum gas,” *PRE* **75**, 061120 (2007). (1;932)
408. Arts. 48*, 54*, 62*, 109, 110, 120 (*Omitted by ISI) cited by R. Yulmetyev (Kazan, Russ.) in “Strong memory time series,” *JETP* **104**, 644607, (07) (6;937)
409. Art. 120 cited by R. Kakir (Denton, TX) in “Trajectories in density matrix,” *Chaos, Solitons and fractals* **34**, 19 (2007). (1;939)
410. Art. 104 cited by D.D. Menese (Orleans, France) in “Dielectric function model,” *Appl. Spect.* **61**, 644 (2007). (1;940)
411. Art. 127 cited by P. Allegrini (Pisa, Italy) in “Fluctuation dissipation theorem,” *PRL* **99**, 010503 (2007). (1;941)
412. Art. 115 cited by M. Ciesta, L. Longa (Krakow, Poland) in “Noise induced synchronization,” *Acta Phys. Pol.* **B38**, 1719 (2007). (1;942)
413. Arts. 47, 48, 115, 123, 124 cited by T. Prosen (Ljubljna, Slovenia) in “Chaos and complexity,” *J. Phys.* **A40**, 7881 (2007). (5;947)
414. Arts. 48, 54, 59, 109, 115, 120 cited by R. Yulmetyev (Kazan, Russia) in “Relaxation and phase,” *Physica* **A383**, 443 (2007). (6;953)
415. Art. 120 cited by H. Dong (Oregon State) in “Node coupling,” *J. Chem. Phys.* **127**, 054502 (2007). (1;954)
416. Art. 115 cited by R. Mogado (Brasilia, Brazil) in “Synchronization,” *EPL* **79**, 1002 (2007). (1;955)
417. Art. 114 cited by H.T. Quan (Saipana, Japan) in “Quantum thermal cycles,” *PRE* **76**, 032205 (2007). (1;956)
418. Art. 120 cited by M. Stephano (Edmonton, Canada) in “Coarse graining,” *Cond. Matt Phys.* **10**, 441 (2007). (1;957)
419. Art 114 cited by N.L. Tsintsadze (Tbilisi, Georgia) in “Longitudinal photons in plasmons,” *Phys. Plasmas* **14**, 102113 (2007). (1;958)
420. Arts. 24, 47, 48, 50, 62, 66, 74, 109, 110 cited by A. Kuzemsky (Dubna, Russia) in “Transport,” *Int. J. Mod. Phys.* **21**, 2821 (2007). (Not yet registered in ISI)(9;967)
421. Art. 111 cited by G.J. Wang (Taiwan) in “Modeling ion diffusion in nanochannels,” *Jp J. Appl. Phys.* **46**, 7436 (2007). (1;968)
422. Art. 103 cited by G.G. Potter (Rhode Island) in “Statistically interacting gas,” *Phys. Rev.* **E76**, 061112 (2007). (1;969)
423. Art. 120 cited by H. Mori (Kyushu, Japan) in “Structures of fluctuations,” *Phys Rev.* **E76**, 061104 (2007). (1;970)
424. Art. 103 cited by B. Tanatar (Ankara, Turkey) in “Thermodynamics of a trapped gas in D dimensions,” *Phys. Lett.* **A371**, 389 (2007). (1;971)
425. Art. 120 cited by I. A. Lorinov (Kazan, Russia) in “Paramagnetism,” *Phys. Rev.* **B76**, 224 920070 (2007). (1;973)

426. Art. 120 cited by M. Kobayashi (Kyoto, Jpn) in "Dynamic correlations," *Prog. Theor. Phys.* **118**, 1043 (2007). (1;974)
427. Art. 37 cited by P. Triodi (Vellertri, Ital) in "Superconductivity in PdH systems," *Int. J. Mod. Phys.* **B21**, 334 (2007). (1;974)
428. Arts. 48, 109, 115, 120 cited by S. A. Denin (Kazan, Russ) in "Statistical quantities of memory," *Physica* **A387**, 210 (2008). (4;978)
429. Art. 109 cited by D. V. Anghel (Bucharest, Rom) in "Phase transitions in generalized statistics," *Rom. Phys. Rep.* **59**, 235 (2007). (1;979)
430. Arts. 48, 115, 126 cited by T. Prosen (Ljubljana, Slovenia) in "Third quantization," *New J. Phys.* **10**, 043026 (2008). (3;982)
431. Arts. 55, 65, 47, 48, 54 cited by J. B. Xu (Qufui, China) in "Double Gaussian," *Phys. Rev.* **B77**, 174404 (2008). (5;987)
432. Art. 44 cited by J. Stolze (Dortmund, Ger) in "Dynamics properties of XY model," *Phys. Rev.* **B33**, 174404 (2008). (1;988)
433. Art. 103 cited by K. Barwinkel (Osnabruk, Ger) in "Van der Waals eq.," *Physica* **A387**, 4581 (2008). (1;989)
434. Arts. 127, 128, 115, 124, 119 cited by U. Marconi (Rome, Ital) in "Fluctuations," *Phys Rep.* **461**, 111 (2008). (5;994)
435. Art. 59 cited by S. Sem (Buffalo, NY) in "Solitary waves in granular media," *Phys. Rep.* **462**, 21 (2008). (1;995)
436. Art. 120 cited by S. S. Apostov (Khakov, Ukr) in "Corrections in Markov chains," *Int. J. Mod. Phys.* **B22**, 3841 (2008). (1;996)
437. Arts. 96, 105, 117 cited by P. Jhodra (Zaragoza, Sp) in "Polylogs and Bass model," *Proc. Roy. Soc.* **A464**, 3081608. (3;999)
438. Art. 105 cited by D. V. Anghel (Bucharest, Rom) in "Generalized statistics," *Rom. Phys. Rep.* **59**, 235 (2007). (1;1000)
439. Art. 120 cited by K. S. Fa (Parma, Braz) in "GLE with molecular forces," *Eur. Phys. J.* **B65**, 265 (2008). (1;1001)
440. Art. 120 cited by A. E. Kobryn (Edmonto, Can) in "Molecular theory of nanoflows," *J. Chem. Phys.* **129**, 134701 (2008). (1;2002)
441. Arts. 47, 48, 53, 54, 120, 123 cited by B. West (ARO, NC) in "Maximizing information," *Phys. Rep.* **468**, 1 (2008). (6;1008)
442. Art. 120 cited by T. Koide (Rio de Janeiro, Braz) in "Transport coefficients," *Phys. Rev.* **E78**, 051107 (2008). (1;1009)
443. Art. 103 cited by M. Apostol (Bucharest, Rom) in "New models for liquids," *Physica* **B403**, 394 (2008). (1;1010)
444. Arts. 47, 115, 128 cited by L. C. Lapas (Brasilia, Braz) in "Khinchin theorem and diffusion," *Phys. Rev. Lett.* **101**, 230602 (2008). (3;1013)
445. Art. 120 cited by C. J. Lee (Jeju, Kr) in "Density function in 2D electron gas," *J. Kor. Phys. Soc.* **53**, 3131 (2008). (1;1014)
446. Arts 127, 129 cited by L Silvestri (Pisa, Ital), "Even driven power law," *Phys. Rev. Lett.* **102** 014502 (2009). (2; 1016)
447. Aart 47 coted by A E Gegechkov (Omsk, Russ), "Fissuib rate," *Phys. Atmoic Nuclei.* **71**, 2007 (2008). (1; 1017)
448. Art. 120 cited by R Yulmetyeve (Kazan, Russ) in "Memory of KEG signals",, *Math Bioeng. Sci.* **6**, 189 (2009). (1; 1018)
449. Art. 59 cited by G Grimvall (Stochholm, Swed) in "Modeling instabilities," *Sci Modeling and Simu.* **15**, 5 (2008). (1; 1019)

450. Art. 53 cited by R Tsekov(Aachen, Ger) in "Quantum Brownian motion,"*Int J Theo Phys.* **48**, 85 (2009). (1; 1020)
451. Art. 115 cited by E Barki (Ramat, Isr) in "ertodic properties,"*Phys Rev E* **79**, 011112 (2009). (1; 1021)
452. Art. 59 cited by M Deng (Singapore) in "Glass transition," *J Nanosci. and Tech.* **9**, 1029 (2009). (1; 1022)
453. Art. 103 cited by V D Anghel (Bucharest, Rom) in "Thermodynamic equivalence at work," *Rom. J Phys.* **53**, 689 (2008). (1; 1023)
454. Art. 103 cited by G Su (Xiamen, Chn) in "Trapped ideal gases." *Phys. J* **A42m** 125003 (2009). (1; 1024)
455. Art. 103 cited by A Lavagno (Turnion, Ital) in "Deformed quantum state in 2d," *I J Mod. Phys.* **B23**, 235 (2009). (1; 1025)
456. Arts. 57,59, 97 cited by V E Zobov (Krasn. Russ) in Second momentin NMR spectra of a solid," *Russ. J Phys. Chem.* **B2**, 676 (2008). (3; 1028)
457. Art. 59 cited by S Sen (Buffalo NY) in "Dynamics of metastable breathers," *Phys. Rev.* **E79**, 036603 (2009). (1; 1029)
458. Art. 122 cited by G L Xu (Dalian, Chn) in "Hilbert transformation in 2d," *Signal Processing* **89**, 1395 (2009). (1; 1030)
459. Art. 104 cited by j J Saarine (Junsuu, Fin) in "Surface plasmon resonance," *Sensors and Activators* **B138**, 383 (2009). (1; 1031)
460. Art. 114 cited by H J Qyab (Los Alamos, NM) in "Quantum thermo cycles," *Phys. Rev.* **E79**, 041129 (2009). (1; 1032)
461. Art 29 cited by A Wierling (Rostock, Ger) in "Dynamic local fields," *J Phys.* **A42**, 214051 (2009). (1; 1033)
462. Art. 120 cited by M Okamura (Kyushu, Jpn) in "1d turbulence,"*Phys. Rev.* **E79**, 056312 (2009). (1; 1034)
463. Art. 128 cited by R Yulmetyev (Kazan, Russ) in "Seismic signals," *Physica* **A388**, 3629 (2009). (1; 1035)
464. Arts. 48, 120, 128 cited by P Allegrini (Pisa, Ital) in "Universality of linear response theory," *Phys. Rev. Lett.* **103**, 030602 (2009). (3; 1038)
465. Art. 120 cited by S Suivastava (Chandigarth, In) in "Jelling liquids," *J Phys.* **CM21**, 335106 (2009). (1; 1039)
466. Art. 109 cited by V L Budneva (Moscow, Russ) in "Mulit-spin coherence," *JETP* **108**, 992 (2009). (1; 1040)
467. Art. 103 cited by B Minza (Isfaha, Iran) in "Anyon gas," *Phys. Rev.* **E80**, 011132 (2009). (1; 1041)
468. Art. 114 cited by D Sheehan (San Diego, CA) in "Casimir chemistry," *J Chem. Phys.* **131**, 104706 (2009) (1; 1042)
469. Art. 74 cited by S S sen (Buffalo, NY) in "Eergy partitioning in granula media," *J App. Phys.* **106**, 064905 (2009). (1; 1043)
470. Arts. 96, 105 cited by S R Valluri (Lon, Can) in "Lambert's W function," *J Math. Phys.* **50**, 10210 (2009). (2; 1045)
471. Art. 120 cied by V Celeboravic (Belgrade, Yu) in "Hubard model," *J Optoelectonics* **11**, 1135 (2009). (1; 1046)
472. Arts. 47,48,53,59,65,115,128 cited by X M Kong (Qufu, Chn) in "Dynamics of 1d TI model," *Physica* **A389**, 242 (2010). (7; 1053)
473. Art. 120 cited by K S Fa (Parama, Braz) in "Analysis of GLE," *Flucts and Noise Lett.* **8**, L381 (2008). (1; 1054)

474. Art. 37 cited by P Tripodi (Velletri, Ital) in "Resistance in PdH," J Alloys and Compounds **486**, 55 (2009). (1; 1055)
475. Art. 96 cited by J Bosee (Berlin, Ger) in "Dynamics of quantum gases," Physica **A389**, 408 (2010). (1; 1056)
476. Art 120 cited by A Kuzemsky (Dubna, Rus) in Stat mech of many particle physics, Phys. particles, Nuclei 40,949(09) (1, 1057)
477. Art 120 cited by H Mori (Kyushu, Jp) in Chaos and turbulence, PRE 80,051124(09) (1, 1058)
478. Art 120 cited by K SFa (Parama, Bz) in Anomalous diffusion, JMP 50, 083301 (09) (1, 1059)
479. Art 59 cited by M J Zheng (Honghong, Cn) in Energy relaxation, J Phys Soc JP78,12 (09) (1, 1060)
480. Art 48 cited by A Wierling (Rostock, Ger) in Collisionless plasmas Phys Plasmas 16, 112105 (09) (1, 1061)
481. Art 62 cited by A Wierling (Rostock, Ger) in Dynamic local fields, Contribu Plasma Phys 49, 700(09) (1, 1062)
482. Art 96 cited by R Tomaschutz (Hiroshima, Jp) in Degenerate electron distribution, Physica B 405, 1022 (10) (1, 1063)
483. Art 120 cited by K S Fa (Parama, Bz) in Diffusin eq. PRE 81, 011126 (10) (1, 1064)
484. Arts 96,101,102,103,105,117,131 cited by D Cvijovic (Belgrade, Serb) in Polypsuedologs, Physica A 389, 1594 (10) (7, 1071)
485. Art 110 cited by D Panja (Amsterdam, Neth) in GLE of polymer dynamics, J Statphys LO 20001 (Feb 10) (1, 1072)
486. Arts 115,119,124,127,128 cited by O G Jepson (Brisbane, Au) in Determistic thermostats, JPA 43, 133001 (10) (5, 1077)
487. Art47 cited by NH Lindner (Haifa, Is) in Conductivity, PRB 81, 054512 (10) (1, 1078)
488. Art 62 and 76 cited by C Fortman, A Wierling (Rostock, Ger) in Local field corrections, PRE 8m 026905 (10) (2,1080)
489. Art 62 cited by I Tkachenco (Valencia, Sp) in Pulsed by current, PRE 81, 026402 (10) (1, 1081)
490. Arts 47,48,110 cited by X J Yuan (Qufu, Cn) in Dynamic Ising model, Acta Phys Sinica 59, 1499 (10) (3, 1084)
491. Art 120 cited by K S Fa (Parama,Bz) in Time random walks, J Stat Mech P04001 (10) (1, 1085)
492. Art 114 cited by M Scully (Texas), in Photocells, PRL 104, 207710 (10) (1, 1086)
493. Art 120 cited by K S Fa (Parama, Bz) in Random walks, PRE 81, 051126 (10) (1, 1087)
494. Art 83 cited by A A Ludin (Moscow, Rus) in Damping of coherence, JETP Lett 91, 36 (10) (1, 1088)
495. Arts 57,115,119,127,128 cited by Q Li (Beijing, Cn) in Noergodicity Coomu Theo Phys (Beijing) 53,1011 (10) (5, 1093)
496. Art 120 citeds by K S Fa (Parama, Bz) in Random Walk, PRE 82, 012101 (10) (1, 1094)
497. Arts 127,129 cited by P Allegrini (Pisa, It) in Neural dynamics, PRE 82, 015103 (10) (2, 1096)

498. Art 128 cited by R Metzler (Munich, Ger) in Aging and nonergodicity, PNAS 107, 13228 (10) (1, 1097)
499. Arts 62,92 cited by M Bolgna ((Arica, Chile) in Volterrq eq., JPA 43, 375203 (10) (2, 1099)
500. Arts 96,75,101 cited by S Panda ((Orissa, IN) in Chemcial potentials,Paramana J Phys 75, 393 (10) (3, 1102)
501. Art 104 cited by J M Andre (Paris, Fr) in KK relations, J Mod Opt57, 1504 (10) (1, 1103)
502. Art 115 cited by Z Levnajic (Potsdam, Ger) in Ergodic theory, Chaos 20, 033114 (10) (1, 1104)
503. Arts 103,117 cited by D V Anghel (Bucharest, Rum) in Stochastic simulation of time evolution, J Stat Mech P09011 (10) (2, 1106)
504. Arts 120,110,59,128,92,62,48,118 cited by A Wierling (Rostock, Ger) in Wave vector HO, PRE 82, 051107 (10) (8, 1114)
505. Arts 47,48,53,65 cited by X M Kong (Qufu, Cn) in Random transverse Ising model, PRB 82, 174404 (10) (4, 1118)
506. Art 31 cited by S K Oh (Chungbuk, Kr) in Linear response theory, J Kor Phys Soc 57, 1158 (10) (1, 1119)
507. Art 120 cited by J S Modina (Madird, Sp) in Liquid water, Int J Quantum Chem 111, 375 (11) (1, 1120)
508. Art 120 cited by A Kuzemsky (Dubna, Rus), "Green's function," Condensed Matt Phys 13,43001 (2010) (1, 1121)
509. Art 71 cited by S B Yuste (Badaja, Sp), "Bessel functions," J Phys A 44, 075203 (2011) (1, 1122)
510. Arts 75,105,131 cited by S R Valluri (W Ontario, Can), "Bose gas," J Math Phys 51, 123303 2010) (3, 1125)
511. Arts 115,128 cited by A Veron (Wrosclaw, Pol),"Levy flight," PRL 105, 260603 (2010) (2, 1127)
512. Art 59 cited by H Hasegawa (Tokyo, Jpn) "Classical small systems," PRE 83, 021104 (2011) (1, 1128)
513. Art 120 cited by X G Huang (Frankfurt, Ger), "Fluid dynamics," PRC 83, 024906 (2011) (1, 1129)
514. Art 53 cited by A Barros (Brasilia, Braz), "Simulation of stochastic processes," Computer Phys. Commu. 182, 989 (2011) (1, 1130)
515. Art 120 cited by D Bertolini (Pisa, Ita), "Theorey and transport," PRE 83, 031206 (2011) (1, 1131)
516. Art 59 cited by H Lu (Beijing, Chn), "Time evolution in HO chain," Ch Phys Lett 28, 040505 (2011) (1,1132)
517. Art 120 cited by J Trzriel (Wrosclaw, Pol), "exp on fractional dyns," PRE 83, 051102 (2011) (1, 1133)
518. Art 111 cited by G J Wang (Taichung, Taiwan), "Metal solution," IEEE Nanotech 10, 191 (2011) (1, 1134)
519. Arts 103, 117 cited by V D Anghel (Bucharest, Rom), "Heat and energy transport," EPJ 94 60004 (2011) (2, 1136)
520. Art 54 cited by A V Plyukhin(New Hampshire, US), "Nonergodic solutions," PRE 83, 062102 (2011) (1, 1137)
521. Art 120 cited by K S Fa (Parana, Braz), " Fokker Planck eq.," PRE 84, 012102 (2011) (1, 1138)

522. Arts 115,128 cited by A Weron (Wrochaw, Pol), "Anomalous diffusion," Ann Phys 326, 2431 (2011) (2, 1140)
523. Art 134 cited by N S Ananikian (Yerevan, Armenia), "3-cycle," JETP Lett 94, 39 (2011). (1, 1141)
524. Art 114 cited by M O Scully (Texas AM), "Quantum heat engine," PNAS 108, 15097 (2011) (1, 1142)
525. Arts 109,110,111,115,120,123,127,128,125,126,129,130,132,135 cited by A Kuzemsky (Dubna, Rus), "Electronic transport," Int J Mod Phys 25, 3071 (2011) (14, 1156)
526. Art 59 cited by L Hong (Bejing, Cn), "Time evolution," Ch Phys Lett 28, 04050 (2011) (1, 1157)
527. Arts 59,47,115 cited by S Sen (Buffalo), "Beyond equilibrium," PRE 84, 046610 (2011) (3, 1160)
528. Arts 96,98,117,131 cited by J Bosse (Berlin, Ger), "energy function in quantum gases," PRE 84, 042101 (2011) (4, 1164)
529. Art 114 cited by M O Scully (Texas AM), "Photovoltage," PRA 84, 053818 (2011) (1, 1165)
530. Art 92 cited by S Harotari (Helshinki, Fn), "Dynamic response," PRB 84, 075108 (2011) (1, 1166)
531. Art 114 cited by K E Dorfman (Texas AM), "Photocells," PRA 84, 053829 (2011) (1, 1167)
532. Arts 115,128 cited by A Weron (Wrochlaw, Pol), "Anomalous diffusion," PRE 84, 051138 (2011) (2, 1169)
533. Art 93 cited by HK Mao (Washington DC), "Dyn of Na under compression," PNAS 108, 2043 (2011) (1, 1170)
534. Arts 48,59,109,120 cited by A Wierling (Rostock, Ger), "Wave vector dependent HO chain," Contrib.Plasma Phys., 52, 49 (2012) (4, 1174)
535. Arts 48,120 cited by J Fenkel (Sao Paulo, Braz), "Validity of quantum LE eq." PRE 85, 011135 (2012) (2, 1176)
536. Art 127 cited by A Fingelkurtz (Espoo, Finl), "Machine consciousness," Brain Res 1428, 80 (2010) (1, 1177)
537. Arts 47,48,110 cited by F Broocchi (Firenze, Ital), "GLE," PRE 85, 022102 (2012) (3, 1180)
538. Arts 105,131 cited by S M Stewart (Abu Dhabi, UA), "Blackbody and polylogs," J Spectr and transf. 113, 232 (2012) (2, 1182)
539. Arts 96,131,103,101,105 cited by M de Llano (Nexico, MX) in Fermi Bose gases," Physica E 44, 394 (2011) (5, 1187)
540. Art 115 cited by H Reinholz (Rostock, Ger), "Dielectric function," PRE 85, 036401 (2012) (1, 1188)
541. Arts 59,62,92,48,120,128 cited by A Wierling (Rostock, Ger), "Dyn. structure factor," EPH B 85, 20571(2012) (6, 1194)
542. Arts 62,92 cited by M Cazzahiga (Milan, Ita), "Dyn. response," PRB 84, 075109 (2011) (2, 1196)
543. Art 120 cited by A Kuzemsky (Dubna, Russ), "van Hove relation," IJMP B 26, 1250942 (2012) (1, 1197)

544. Art 96 cited by F J Sevilla (Mexico, MX), "Exclusion principle," EPJ 33, 709 (2012) (1, 1198)
545. Art 48,110 cited by A Mokshin (Kazan, Russ), "supercolled liquids," Theor. method phys 171, 541 (2012) (2, 1200)
546. Arts 54,120,128 cited by R Ferreira (Brasilia, Braz), "Long time behavior," PRE 86,021121 (2012) (3, 1203)
547. Arts 47,48,110 cited by XM Kong (Qafu, Cn), "Dyn of Blume Capel," Acta Phys Sinica 61, 107501 (2012) (3, 1206)
548. Arts 65,82 cited by SK Oh (Chungbuk, Kor), "Time evol," JKPS 61, 679 (2012) (2, 1208)
549. Art 62 cited by J Vornbereger (Warwick, UK), "Dyn. warm dense matter," PRL 109, 225001 2012) (1, 1209)
550. Art 98 cited by P Dugar (Mahar, Ind.) in "Fraction Statistics," EPJ D 66, 285 (2012) (1,1210)
551. Arts 48,53,59,66,74 cited by B B Yu (Athens, Ga) in Fibonnaci chain," EJP B 85, 379 (2012) (5, 2015)
552. Arts 115, 119,124,127 cited by L Hong (Beijing, Cn) in "Nonergodic Browninan motion," Chin. Phys. Lett. 30, 010502 (2013) (4. 1219)
553. Art 120 cited by Y Mihami (Saitama, Jpn) in "Relativistic hydrodynamics," PRE 87, 023007 (2013) (1,1220)
554. Art 120 cirted by Y Mihami (Saitama, Jp) in "Nambu modes," PRL 110, 091601 (2013) (1,1221)
555. Art 54 cited by C Windows (Birmingham UK) in Boltzmann statistics," PRE 87, 022211 (2013) (1.1222)
556. Art 53 cited by T Srokowski (Krakow, Pl) in "Fluctuations," PRE 87, 032104 (2013) (1,1223)
557. Arts 48,59,66,74,119,124,128 cited by M Yu (Athens, GA) in "Diatomic chain," EPJ B 86, 57 (2013) (7,1230)
558. Arts 47,48,53,65,66 cited by X Kong (Qufu, Cn) in "Dynamics of XY model," Ch.Phys B 22,037502 (2013) (5,1235)
559. Art 120 cited by M Ljunberg (Bellatone, Sp) in "Clasical phase," PRL 110,105503 (2013) -(1,1236)
560. Art 134 cited by N Annanikian (Yemeran, Armenia) in "Ising on Diamond lattice," Physica A 392, 2375 (2013) (1, 1237)
561. Art. 117 by EPasy (Storrs, Ct) in "Quantum statistics for MQND," PRD 87, 084063 (2013) (1,1238)
562. Arts 47,48,110,120 cited by F Barocchi (Firenze, It) in "Quantum autocorrelation," PRE 87, 062133 (2013) (4,1242)
563. Art 120 cited by Y Hidaka (Saitama, Jp) in "Gold-Stone modes," PRL 110, 091601 (2013) (1,1243)
564. Arts. 54,120,128 cited by R Fereira (Brasilia, Braz) in "Anaomaous diffusion," Act Phys Pol B 44, 1085 (2013) (3,1246)
565. Art 100 cited by R Tsekov (Sofia, Bulg) in "Brownian motion," Chem. Phys. Lett. 30, 070501 (2013) (1,1247)
566. Art 54 cited by R Ferreira (Brasilia, Bra) in "Long time behavior," PRE 86, 021121 (2013) (1,1248)
567. Arts 59,115,128 cited by J D Bao (Beijing, Cn) in "Brownian motion," Chin Phys B 22,06,0513 (2013) (3,1251)

568. Art 120 cited by KS Fa (Parama, Bra) in "Random walk," JCP 139, 064107 (2013) (1, 1252)
569. Art 129 cited by A Fingelkurt (Espo, Fin) in "Brain organ," Chaos, Solitons & Fractals 55, 13 (2013) (1,1253)
570. Art 110 cited by DS Greberkju (Palaiseau, Fr) in "Hydrodynamics," PRE 88, 040701 (2013) (1,1254)
571. Art 131 cited by R Gupta (Utta, Ind) in "Quantum fluctuations," PRA 88, 053607(2013) (1,1255)
572. Arts. 128,120,53,110,59,65,66 cited by A V Mohkshin (Karan, Rus) in "Relaxation," Discont., nonlin., complexity 1,1 (2012) (7,1262)
573. Art 71 cited by Q Li (Guangdong, CN) in "Infinite integrals of the Bessel fns," Integral transfs & special fns 24, 783 (2013) (1,1263)
574. Art 115 cited by L Qiu (Yangling, CN) in "Ergodic transitions," J Phys Soc Jpn 83, 024004 (2014) (1,1264)
575. Arts 59,79,74,115,66,119,124,48,53,120 cited by M Yu (Athens GA) in "Harmonic chains," Physica A398,252 (2014) (10,1274)
576. Art 110 cited by D S Grebenbou (Pailaut, Fr) in Solutions of GLE," PRE 89, 012130 (2014) (1,1275)
577. Arts 116,120 cited by A Kuzemsky (Dubna, RU) in Thermo limit in SM," IJMP B28,1430004 (2014) (2,1277)
578. Arts 134.138 cited by A Ananiakian (Yemovan, Armenia) in Sueprstable cycle for AF," Comm Nonlin Sci 29,3671 (2014) (2,1279)
579. Art 103 cited by D Anghel (Bucharest, Rom) in "Fractional Stat.," J Phys Conf 410,012121 (2014) (1,1280)
580. Art 103 cited by D Anghel (Bucharest, Rom) in "Rom Rep Phys 66,376(2014) (1,1281)
581. Art 98 cited by Y R Lim (Seoul,KR) in "Exchange symmetry." PRE 89, 062131 (2014) (1,1282)
582. Arts 47,48,54,110 cited by F Barocchi(Firenze, It) in "Correlation functions," PRE 90,032106(2014) (4,1286)
583. Art 59 cited by H S Smalo (Oslo, NO) in "Effects of dynamics," J Phys Chem A118,7683 (2014) (1,1287)
584. Arts 84,48,65,59,53,47,92 cited by Z Q Liu (Qufu, CN), Chinese Phys B23,087505 (2014) (7,1294)
585. Arts 47,92 cited by K Morevetz (Munster, GE) in "Quasi-particles," PRE 88,022148 (2013) (2, 1296)
586. Art 57 cited by V Zobov (Krasnoy., RU) in "NMR decay," App Mag Res 45, 1169 (2014) (1,1297)

Journal Citation Data Summary

1983 - 11	1984 - 31	1985 - 17
1986 - 27	1987 - 32	1988 - 37
1989 - 38	1990 - 44	1991 - 51
1992 - 33	1993 - 37	1994 - 44
1995 - 54	1996 - 48	1997 - 47
1998 - 42	1999 - 45	2000 - 28

2001 - 24	2002 - 44	2003 - 40
2004 - 45	2005 - 38	2006 - 51
2007 - 58	2008 - 47	2009 - 43
2010 - 61	2011 - 48	2012 - 39
2013 - 53	2010 - 61	2011 - 48
2012 - 39	2013 - 53	2014 - 35

J. Invited Papers

1. M. H. Lee, C. S. Hui and H. E. Stanley, "Transport in Membranes," *Applications of Physics*, ed. E. Stern, Brain Research, (NY, 1975) pp.311-324.
2. M. H. Lee and S. Banerjee, "A Cooperative Model of Hydrogen Diffusion," *Metal Hydrogen Systems*, ed. T. N. Veziroglu, Pergamon (Oxford, 1981) pp.141-153.
3. M. H. Lee, "Dynamical Behavior of a Model for Condensed Systems," *Lett. Appl. and Eng. Sci.*, 4, 63-74 (1975), Pergman Press, Oxford.
4. M. H. Lee, J. Hong and J. Florencio, "Method of Recurrence Relations," *Physica Scripta* T19B, 498-504 (1987), ed. F. Bassani, Roy. Swed. Academy Sci., Stockholm.
5. M. H. Lee, "Thermodynamics of Metal Cluster Systems," *Graph Theory and Topology in Chemistry*, ed. R. B. King, Elsevier (Amsterdam 1987), pp. 344-348.
6. J. Florencio and M. H. Lee, "Memory Functions of Spin Systems," Proc. Third California Conf. on Stat. Mech., ed. C. Garrod, North Holland, Amsterdam, 1988.
7. M. H. Lee, "Method of Recurrence Relations and Time Evolution Problems in Statistical Mechanics," *Math/Chem/Comp 1988*, ed. A. Graovac, El Sevier, Amsterdam, 1989.
8. M. H. Lee, "Continued Fractions," Minnesota Workshop on Iterative Methods, ed. D. G. Truhlar, North Holland, Amsterdam, 1989.
9. R. Dekeyser and M.H. Lee, "Slow Decay in a Spin Model," Proc. Int. Conf. on Rigorous Results in Quantum Dynamics, ed. J. Dittrich, World Sci. (Singapore, 1991).
10. M.H. Lee, "Slow Decay in a Quasi-Two-Body Spin System," Proc. Int. Workshop on Scattering Theory, ed. S.P. Merkuriev, Leningrad Univ. Press, 1991.
11. M.H. Lee, "Recurrence Relations," Trans. 9th Army Conf. on Applied Mathematics, ARO Rep. No. 92-1, Research Triangle Park (1992), pp. 403-414.
12. M.H. Lee, "Kramers-Kronig Relations in Optic Data Inversion," Proc. 1992 Sci. Conf. on Aerosols, ed. J.E. Rhodes, Aberdeen Proving Ground , pp. 91-96.
13. M.H. Lee, "Incoherent Scattering of Particles," Proc. 1993 Conf. on Aerosols, ed. J.E. Rhodes, APG, pp. 359-362.
14. J. Kim, D.Y. Kim and M.H. Lee, "Fractal-like Behavior in the Dispersion Relation," ed. J.E. Rhodes, Proc. 1994 Conf. on Aerosols, APG.
15. M.H. Lee, J. Kim, W.P. Cummings and R. Dekeyser, "The Topology of Hilbert Spaces," *J. Mol. Str.* **336**, 269-278 (1995).
16. *J. Foundation of Phys.*, to review a book, "Relaxation Phenomena in Condensed Matter," by W.T. Coffey, 1994, Plenum, NY.
17. M.H. Lee, "Unification of Thermodynamics," in *Concepts in Chemistry*, eds. D. Rouvray, Research Studies Press (Somerset, England 1996).
18. M.H. Lee, Proc. 1996 Conf. on Aerosol Research, U.S. Army, APG.

19. M.H. Lee, "Time evolution in many particle systems," in Progress in Stat. Phys., edited by I. Chang, World Scientific (Singapore 1998).
20. M.H. Lee, J. Hong and J. Kim, "Static and Dynamic Properties of an Electron Gas at $rS=3.5$," edited by G. Kalman, Plenum, (NY 1998).
21. M.H. Lee, "Remarks on Luttinger's derivation of Kubo's conductivity formula," Plasma Phys. Plenum, edited by R. Redmer (1999).
22. J. Florencio, S. Sen and M.H. Lee, "Ising correlations," Braz. J. Phys. (2000).
23. M.H. Lee, "Nonextensive thermodynamics in ordinary thermodynamics," J. Chaos, Solitons and Fractals (2000).
24. M.H. Lee, "Fick's law," APCTC Bulletin (October 2000).

K. Contributed Papers at Conferences: (Since September 1, 1973 only)

1. "Susceptibility and Fluctuation," 11th Int. Statistical Mechanics Conf., Amsterdam, The Netherlands, August 27-31, 1973.
2. "Dynamic Form Factor and Nonequilibrium Behavior," 19th Annual Conf. on Magnetism and Magnetic Materials, Boston, MA, November 13-16, 1973.
3. "Dynamical Mean-Field Theory for the XY Model," 30th Yeshiva University Statistical Mechanics Meeting, New York, December 12, 1973.
4. "Longitudinal Susceptibility of 3D $S=1/2$ XY Ferromagnet Near Critical Temperature," American Physical Society, Philadelphia, PA, March 25-28, 1974.
5. "Pair Model of Wentzel α the XY Model," 51st Meeting of the Georgia Academy of Science, Valdosta, GA, April 26-27, 1974.
6. "Passive Transport in Membranes," Int. Seminar on Applications of Physics, Moscow, USSR, July 1-5, 1974. (cancelled by USSR.)
7. "A Binding Site Model of Membrane Transport," 32nd Meeting on Statistical Mechanics at Yeshiva University, New York, NY, December 12, 1974.
8. "Multicomponent Flows in a Model Membrane," American Physical Society, April 28-May 1, 1975, Washington, DC.
9. "Relaxation Function for the $S=1/2$ XY Model," 12th Int. Conf. on Statistical Physics, Budapest, August 25-29, 1975.
10. "Dynamic Structure Factor for Liquid ^4He ," 14th Int. Conf. on Low Temperature Physics, Otaniemi, Finland, August 14-20, 1975.
11. "Dynamical Behavior of a Condensed Systems," Symposium on Physical Fields, Warsaw, August 24-30, 1975.
12. "Dynamical Critical Behavior of 3D XY Model," 21st Annual Conf. on Magnetism and Magnetic Materials, Philadelphia, PA, December 9-12, 1975.
13. "Relaxation Function of 3D XY Model," Int. Magnetism Conf., Amsterdam, September 6-10, 1976.
14. "The Relaxation Function for the XY Model," 36th Meeting on Statistical Mechanics at Yeshiva University, NY, December 7, 1976.
15. "Remark on a Model of Condensation," M. H. Lee and R. Dekeyser, 13th Int. Conf. on Statistical Physics, Haifa, Israel, August 24-30, 1977.
16. "Heisenberg Model in the High Density Limit," R. Dekeyser and M. H. Lee, 13th Int. Conf. on Statistical Physics, Haifa, Israel, August 24-30, 1977.
17. "Hydrogen Diffusion," M. H. Lee, S. Banerjee and R. Dekeyser, 15th Int. Low Temp. Physics Conf., August 22-29, 1978, Grenoble, France.

18. "Diffusion Model for Hydrogen-Palladium System," S. Banerjee and M. H. Lee, 24th Conf. on Magnetism, Nov. 14-18, 1978, Cleveland.
19. "Constant-Coupling Spin Hamiltonian," S. Banerjee, R. Dekeyser and M. H. Lee, Int. Conf. on Magnetism, Sept. 2-7, 1979, Munich, Germany.
20. "Nonrigid Model of Hydrogen Diffusion in a Transition Metal," Symp. on Sep. Sci. and Tech., October 30-November 2, 1979, Gatlinburg, TN.
21. "Hyper-Pyramidal Lattice," Georgia Workshop in Mathematical Physics, November 26-28, 1979, Athens, GA.
22. "Cooperative Model for Metal Hydrides," M. H. Lee and S. Banerjee, Int. Symp. on Metal Hydrides, April 7-14, 1980, Colorado Springs, CO.
23. "Cooperative Model of Hydrogen Diffusion in a Transition Metal," Miami Int. Symposium on Metal-Hydrogen Systems, April 13-15, 1981, Miami, FL.
24. "Fluctuation and Susceptibility," M. H. Lee and I. M. Kim, 16th Int. Conf. on Low-Temperature Physics, August 16-25, 1981, Los Angeles.
25. "Biquadratic Exchange Model," M. H. Lee, 16th Int. Conf. on Low-Temp. Physics, August 16-25, 1981, Los Angeles. [**Invited Talk**]
26. "Transport Behavior of Dense Protons," M. H. Lee and J. Hong, Int. Symp. on Hydrogen in Metals, March 4-6, 1982, Richmond, Virginia.
27. "Phases of the PdH System and Statistical Mechanics of the Takagi Model," Int. Symp. on Metal Hydrides, May 30-June 4, 1982, Toba, Japan.
28. "Diffusion of Hydrogen Clusters," Symp. on Sep. Sci. and Tech., Gatlinburg, TN, June 28-July 1, 1983.
29. "Long Time Tails in the Spin van der Waals Model," R. Dekeyser and M. H. Lee, 15th Int. Conf. on Statistical Mechanics, Edinburgh, Scotland, July 25-29, 1983.
30. "The Generalized Langevin Equation and the Recurrence Relations," 15th Int. Conf. on Statistical Mechanics, Edinburgh, Scotland, July 25-29, 1983.
31. "Diffusion in a Dense Metal Hydrogen System," Symp. on Isotope Effects," Richmond, VA, May 17, 1985. [**Invited Talk**]
32. "Transverse Ising Models," J. Florencio and M. H. Lee, SESAPS Meeting, December 2-4, 1985, Athens, GA.
33. "Exact Dynamic Response Function and Local Field Correction," 16th Int. Conf. of Statistical Physics, Boston, MA, August 8-13, 1986.
34. "Wavevector Dependent Susceptibility of a Free Electron Gas in D Dimensions," 16th Int. Conf. on Statistical Physics, Boston, MA, August 8-13, 1986.
35. "Metal Cluster Systems," Int. Conf. on Graph Theory and Topology in Chemistry, Athens, GA, March 15-20, 1987.
36. "Langevin Analysis of the One-Dimensional Spin-1/2 XY," with J. Florencio, American Physical Society, March 16-20, 1987, New York.
37. "Method of Recurrence Relations," European Physical Society, Pisa, Italy, April 5-8, 1987. [**Invited Talk**].
38. "Electron Beam Propagation in Inhomogeneous Media," SPIE's Conference, Los Angeles, January 10-17, 1988.
39. "Memory Function of Spin Systems," with J. Florencio, California Conf. on Statistical Mechanics, Davis, CA, March 30-37, 1988. [**Invited Talk**]
40. "Time Evolution in a Quantum Spin System," Korean Physical Society, April 23-24, 1988, Seoul, Korea. [**Plenary Invited Talk**]
41. "Method of Recurrence Relations," Third Int. Math/Chem/Comp Conf., June 20-25, 1988, Dubrovnik, Yugoslavia. [**Invited Talk**]

42. "Continued Fractions in Statistical Mechanics," Minnesota Workshop on Iterative Methods for Large Scale Computations," October 23-25, 1988, Minneapolis.
43. "Dynamic Equivalence," J. Florencio, M. H. Lee and J. Hong, Am. Phys. Soc., March 1989, St. Louis.
44. "Time Evolution and Delocalization," 7th Int. Conf. on Dynamical Processes," Aug. 28-31, 1989, Athens GA, M. B. Yu, J. H. Kim and M. H. Lee.
45. "Long Time Tails in a Spin Model," Int. Conf. on Rigorous Results in Quantum Dynamics, June 11-15, 1990, Liblice, Czechoslovakia.
46. "Autocorrelation Functions," 5th Int. Conf. on Mathematics, Chemistry and Computer Science, June 25-30, 1990, Dubrovnik, Yugoslavia. [**Invited Talk**].
47. "Long Time Tails," 5th Int. Conf. on Mathematics, Chemistry and Computer Science, June 25-30, 1990, Dubrovnik, Yugoslavia. [**Invited Talk**].
48. "Recurrence Relations, Continued Fractions and Time Evolution in Many-Particle Systems," 9th Army Conf. on Appl. Mathematics, Jun. 18-21, 1991, Minneapolis.
49. "Slow Decay in a Quasi-Two-Body Spin System," Int. Workshop on Scattering Theory, May 22-25, 1991, Leningrad, USSR. [**Invited Talk**].
50. "Slow Decay in a Spin System and Spin Precession," 5th Int. Workshop on Statistical Physics, Oct. 3-5, 1991, Seoul, Korea. [**Invited Talk**].
51. "Summary Talk with a Few Reflections," 5th Int. Workshop on Statistical Physics, Oct. 3-5, 1991, Seoul, Korea. [**Invited Talk**].
52. "Kramers-Kronig Relations in Optic Data Inversion," Sci. Conf. on Aerosols, June 22-25, 1992, Aberdeen, MD. [**Invited Talk**].
53. "Incoherent Scattering of Semiclassical Particles," Conf. on Aerosol Research, June 21-25, 1993, Aberdeen, MD. [**Invited Talk**].
54. "Fractal-like Behavior in the Quasi Dispersion Relation," 1994 Sci. Conf. of US Army, Aberdeen Proving Ground, June 20-23, 1994. [**Invited Talk**].
55. "Topology of Hilbert Spaces," Int. Conf. on Math/Chem/Comp, June 26 - July 1, 1994, Dubrovnik, Croatia. [**Invited Talk**].
56. "Polylogs and Statistical Thermodynamics," 6th Int. Conf. on Mathematical Chemistry, July 10-14, 1995, Pitlochry, Scotland. [**Invited Talk**].
57. "Unification of Statistical Thermodynamics," Fall Meeting of the Korean Physical Society, October 27-28, 1995, Taejon, Korea. [**Invited Talk**].
58. "Time Evolution in Many Particle Systems," Int. Conf. on Progress of Statistical Physics, June 5-7, 1997, Seoul, Korea. [**Invited Talk**].
59. "Dynamics of an Electron Gas," Int. Conf. on Coulomb Sys., Boston, Aug. 3-10, 1997. [**Invited Talk**].
60. "Kramers-Kronig relations with log kernel," Army Conf. on Aerosols, Aberdeen Proving Ground, MD, 22-25 June 1998;. [**Invited Talk**].
61. "Nonequilibrium stat. mech.," Int. Symp. on Theor. Phys., Melbourne, Australia, 1-3 July 1998. [**Invited Talk**].
62. "Nonlinear problems in nonequil. stat. mech.," Workshop on chaos and nonlinear dynamics, Taejon, Korea, 13-14 August 1998. [**Invited Talk**].
63. "Luttinger's derivation of Kubo's formula," 9th int. workshop on plasma physics, Rostock, Germany, 6-11 Sept. 1998. [**Invited Talk**].
64. "Dynamic Local Fields and Some Exact Asymptotic Results," Int. Conf. on Coulomb Systems, St. Malo, France, 3-10 Sept. 1999.
65. "Transverse Ising correlations," Ising Centennial colloquium, 2-4 Aug. 2000, Belo Horizonte, Brazil. [**Invited Talk**].

66. "Fick's law," Third Caribbean workshop, 15-23 Dec. 00, Havana. [**Invited Talk**]
67. "Fick's law," Korean Physical Soc., 27-28 April 2001, Seoul. [**Invited Talk**]
68. APCTP symposium on dynamics, Seoul, 20-21 June 01, "Ergodic theory and recurrence relations approach."
69. International Conference on Complex Systems, Messian, Italy, 6-8 Dec. 01, "Ergodicity and Kubo's condition."
70. Annual Meeting of Brazil Physics Society, Caxambu, Brazil, 7-10 May 2002, "Ergodic theory." Plenary talk.
71. International Conference on the 2nd Law of Thermodynamics, San Diego, CA, 28-31 July 2002.
72. 50th anniversary meeting of Korean Phys. Soc., Seoul, 24-26 Oct. 2002, "Ergodic hypothesis."
73. 33rd Winter Colloquium on the Physics of Quantum Electronics," 5-9 Jan. 2003, Snowbird, Utah, "Carnot cycle for photon gas."
74. 11th Workshop on the Physics of Nonideal Plasmas PNP-11," 20-25 Mar. 2003, Valencia, Spain, "Fermi Bose equivalence in 2d."
75. Low-d magnetism, Florence, Ita, 24-36 July 2003, "Fermi Bose equivalence."

This section (K) has been superseded by invited presentations since 2003. See section B.

L. UGA Services:

University of Georgia Committees:

1. Creative Research Medal Review Committee, 1985, Vice President for Research.
2. Review Committee on Adjunct Professorship, 1985, V.P. for Academic Affairs.
3. Chairman, Review Committee for new Associate Professor of Mathematics appointed by Vice President for Academic Affairs, 1986.
4. Review Committee for Textiles, Merchandising and Interiors, School of Home Economics, appointed by Dean of Graduate School, 1986-1987.
5. Grants Review Committee, Vice President for Research, 1989.
6. Grants Review Committee, Vice President for Research, 1989.
7. Grants Review Committee, V. P. for Research, November 1990 (Chairman).
8. Chairman for a promotion Committee, V.P. for Research, 1991.
9. Franklin College Committee for Promotion and Tenure, 1994-97.
10. Special Professorships Committee, Franklin College, 1999, 2000, 2001.
11. University Review Committee for Promotion and Tenure, 2000, 2001, 2002.
12. Panel Discussion for Franklin Teaching Fellows, Sept. 16, 2003.

Physics and Astronomy Department Committees:

1. Graduate Curriculum Committee, 1977-79.
2. Faculty Coordinator for Classroom Demonstrations, 1977-80.
3. Planning and Development Committee, 1979-81, 1985-86.
4. Ph.D. Preliminary Examination Committee, 1974 to present.
5. Search Committee for tenure track position in Atomic Physics, 1979-80.
6. Chairman, Subcommittee on Statistical Mechanics, 1979 to present. Also, Member, Subcommittee on Advanced Quantum & Solid State, 1979 to present.
7. Chairman, 101 Committee, 1980-82.

8. Member, Instructor Evaluation Committee, 1982 to present.
9. Member, Graduate Admissions Committee, 1980-83, 1985-87, 1989-.
10. Chaired PCS 101 Committee for the General Education Program at UGA. The syllabus accepted by the Faculty, May 3, 1982.
11. Chaired PCS 830 Committee for a syllabus. The syllabus accepted by Graduate Curriculum Committee and Graduate Faculty, 5/3/82.
12. Chaired *ad hoc* Committee for Semester Conversion, 1983-84.
13. Headship Search Committee, 1984-85.
14. Chairman, Condensed Matter Physics Seminars, 1986-87.
15. Member, Search Committee for Assistant Professor, 1987.
16. Awards Committee, 1987-91.
17. Overhead Return Committee, 1989-91.
18. Member, Subcommittee for a Study of Promotion Processes, 1989-90.
19. Member, Grievance Committee, 1992.
20. Member, Planning and Development Committee, 1992-; chaired 1996-97.
21. Chairman, Cummings Award Committee, 1996-
22. Chairman, Nominating Committee for Search Committee for Headship, 1999.
23. Chairman, Awards Nominating Committee, 2001-

M. Teaching at The University of Georgia:

1. New Textbooks

Two new textbooks produced: Statistical Mechanics I (2008) for PCS 8301 and Selected Topics in Advanced Classical Dynamics (2008) for PCS 8011. Both re-edited.

One new text: Statistical Mechanics II (2009) for PCS 8302.

Two new editions to textbooks produced: Statistical Mechanics I (2009) for PCS 8301 and Selected Topics in Advanced Classical Dynamics (2009) for PCS 8011.

Fourth edition for Statistical mechanics I (2011). Fourth edition for Selected Topics in Advanced Classical Dynamics (2011).

One new edition to text Statistical Mechanics II (2010) for PCS 8302.

Third edition for Statistical Mechanics II (2011).

2. Graduate Level

Mainly in teaching my specialty, statistical mechanics (PCS 830 and 831). The two-quarter course offered every other year. Drawn students also from Chemistry, Ecology and Mathematics Departments. Instituted a new course PCS 832, Advanced Statistical Mechanics, in 1989. Also, PCS 833, Advanced Statistical Mechanics II in 1991.

3. Undergraduate Level

Main activities centered on teaching physics to undergraduate students in liberal arts (PCS 101, "Physical Science") regularly since 1974. For this course, many demonstrations and problems on mechanics, sound, light, and music developed. Consistently drawn large enrollments (see the enrollment chart below). A new textbook on physical science in preparation.

4. My Enrollment Figures for PCS 101

Academic Year	Fall	Winter	Spring	Total Number
1974-75	136	94	99	329
1975-76	122	112	†	234
1976-77	154	111	††	265
1977-78	184	119	107	410
1978-79	113	††	†	113
1979-80	108	101	†	209

Total number of students for 1974-80 is 1,760.

† on leave.

†† teaching graduate courses.

5. Other Instructional Activities at the University of Georgia:

Departmental Seminars organized: With G. Strobel, organized seminars on theoretical physics in 1974 and with J. Rives, organized seminars on solid state physics in 1974. These are now regularly scheduled programs for the faculty and graduate students complementing the weekly colloquia.

A Book on Demonstrations: Directed Ms. Cindy Rao, Departmental Demonstrator, in preparing *Physics Demonstrations*, a 65-page book of physics demonstrations for classroom use by the faculty.

Physics Demonstrations by V. Rao and M. H. Lee (second edition, August 1981) a Department of Physics and Astronomy publication, an 88-page book of demonstrations and other instructional resources.

A Study of Enrollment and Instructional Aspects of Physical Science 101 (a 47-page report submitted to the Head of the Department on May 2, 1982). A year-long study on the status of PCS 101.

A Survey of Physics Faculty Teaching Loads and Related Information from Southeastern Universities on Semester Calendars (a 30-page report submitted to the Head of the Department on December 28, 1984). A year-long study of teaching loads at other universities.

Created a new course, "Advanced Statistical Mechanics, PCS 832." This new graduate course approved by the University Curriculum Committee, January 20, 1988.

Created a new course, "Advanced Statistical Mechanics II, PCS 833." This new graduate course approved by the University Curriculum Committee, December 4, 1990.

6. Graduate Committees Served On at The University of Georgia:

(* MHL chaired)\

- a. Advisory Committees for Programs of Study:

Thomas B. Graim	October 4, 1976
Michael K. Rulison	October 5, 1979
In-Mook Kim*	April 8, 1977
Jongbae Hong*	June 7, 1978
Suhk Kun Oh*	October 5, 1979
Christopher G. Jesudason (Chemistry)	April 19, 1984
Gerald J. Bottrell	November 8, 1984
Surajit Sen*	October 23, 1986
Ming Long*	November 11, 1987
A.M. Novo-Gradac	October 2, 1990
Jangil Kim*	November 30, 1990
William P. Cummings*	November 18, 1991
Alan L. Cave (Biol. & Ag. Eng.)	May 28, 1992
KyongSoo Hong	January 30, 1995
Cynthia Ropiak	November 13, 1997

b. Ph.D. Preliminary Examining Committees:

Hsing-Tsun Chen	June 20, 1977
Kam-shing Kam	March 22, 1977
Donald N. Petcher	November 12, 1976
Michael K. Rulison	November 6, 1979
In-Mook Kim*	April 8, 1977
Jongbae Hong*	June 7, 1977
Suhk Kun Oh*	October 5, 1979
David Morgan	October 6, 1981
Challa Murty	October 20, 1982
Jacek Szmigielski	September 29, 1983
Christopher G. Jesudason (Chemistry)	April 19, 1984
Gerald J. Bottrell	November 8, 1984
Piotr Hebda	December 1, 1987
Surajit Sen*	November 24, 1986
Ming Long*	November 11, 1987
Ane Marie Novo-Gradac	October 9, 1990
Jangil Kim*	November 30, 1990
William P. Cummings*	November 18, 1991
KyongSoo Hong	January 13, 1995
Cynthia Ropiak	November 13, 1997

c. Reading Committees: Thesis and Dissertation

Suhk Kun Oh* (M.S.)	August 3, 1978
Don Petcher (M.S.)	March 1978
Hsiang-Tsun Chen (M.S.)	March 3, 1977
Kam-shing Kam* (Ph.D.)	August 1978
Hsiang-Tsun Chen (Ph.D.)	January 18, 1980
David Matthews-Morgan (Ph.D.)	August 1, 1984
Ravi Subramanian* (M.S.)	August 15, 1984

Sujata Agarwal* (M.S.)	August 6, 1986
J. Szmigielski* (Ph.D.)	March 13, 1987
Sara Majetich* (Ph.D.)	July 29, 1987
Gerald J. Bottrell (Ph.D.)	December 18, 1987
Daniel J. Sox (Ph.D.)	August 3, 1989
Surajit Sen* (Ph.D.)	December 15, 1989
Piotr W. Hebda (Ph.D.)	August 6, 1991
Ming Long* (Ph.D.)	January 28, 1994
A.M. Novo-Gradac (Ph.D.)	July 29, 1994
Jangil Kim* (Ph.D.)	May 31, 1996
Kyung Soo Hong (Ph.D.)	March 22, 1999
Cynthia Ropiak (Ph.D.)	July 28, 1999

7. Physics and Astronomy Department Services

Custodian, Physics Library, 1996 –