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DIRECCION EN BUENOS AIRES

11 de Setiembre 1503 6° Piso, 1426 Buenos Aires, Bs. As. (Teléfono: 4789-0745)

EDUCATION

1941 Maestro Normal, San Justo, Sta. Fe
1950 A. B. Instituto del Profesorado Secundario, Buenos Aires
1958 M. S. Universidad of Buenos Aires
1962 Doctorado, Universidad of Buenos Aires

EXPERIENCIA

1951-1958 Profesor of Matemáticas, Colegios Secundarios de Buenos Aires.
1957-1957 Profesor de "Mecanismos y Elementos de Maquinas", Escuela Municipal Raggio.
1955-1957 Ayudante de Primera, Facultad de Ciencias Exactas y Naturales, Buenos Aires.
1956-1958 Profesor of Física II, Escuela Superior Técnica del Ejército. Buenos Aires.
1958-1960 Instructor, Dedicación Exclusiva, Facultad de Ciencias Exactas y Naturales, Buenos Aires.
1961-1965 Profesor Asociado, Departamento de Física, Facultad de Farmacia y Bioquímica, Buenos Aires.
1963-1965 Research Associate, University of Toronto.
1965-1967 Profesor Asistente de Física, Universidad de Buenos Aires.
1967-1968 Visiting Professor of Physics, University of South Carolina.
1968-1973 Associate Professor of Physics, University of South Carolina.
1973-2006 Professor of Physics, University of South Carolina

1980-1998	Director of Graduate Studies, University of South Carolina
1980-1992	Assistant Chairman, Department of Physics and Astronomy, University of South Carolina
1992-2004	Associate Chairman, Department of Physics and Astronomy, University of South Carolina
2004 - presente	Distinguished Professor Emeritus, University of South Carolina.
2006 - presente	Profesor Invitado, Cátedra de Física, Facultad de Farmacia y Bioquímica, UBA.
2006 - presente	Miembro del Comité Científico del Consejo Argentino para las Relaciones Internacionales, CARI
2006-presente	Bajo contrato, Physics Department, University of South Carolina

HONORES

- 1977 Fellow, American Physical Society
- 1978 Russell Award in Science and Engineering, University of South Carolina
- 1980 Jesse W. Beams Medal, American Physical Society
- 1980 Fulbright-Hays Award
- 1986 Fulbright-Hays Award
- 1986 AMOCO Award for Outstanding Teaching
- 1988 Honorary Professor, Universidad Nacional de Colombia, Bogota, Colombia
- 1988 Honorable Guest of China, University of Taiyuan, China
- 1994 Board of Trustees Carolina Teaching Professorship
- 1995 Miembro, Academia Nacional de Ciencias (Argentina)
- 1996 Premio del Presidente: Distinguido Científico Argentino en el Extranjero
- 1996 Medalla Luis Federico Leloir
- 2002 Mungo Teaching Award
- 2003 Carolina Conference on the Physics of Spin in Condensed Matter Honoring the Contributions of Horacio Farach and Charles Poole, Jr. to the Field of Spin Resonance
- 2010 Doctor Honoris Causa, Universidad Nacional de San Martin, UNSAM
- 2011 Honorable Profesor, Universidad de Buenos Aires, UBA
- 2013 “Mayor Notable Argentino” ‘Oustanding Senior Argentinian” National Congress of Argetinia.

GRANTS

NSF Electron Spin Resonance Seminar Workshop (1972)

NSF Electron Spin Resonance Seminar Workshop (1973)

NSF ISP-8011451 Instrumentation for Magnetic Resonance \$25,900.00 (1979)

NSF PCM-8320267 II Summer College of Biophysics Trieste, Italy \$4,500 (1984)

NSF DMR-8506690 New Techniques for the Study of Polarization Reversal of Ferroelectrics \$280,000 (1985)

NSF DMB-8715873 IV Summer College of Biophysics, Trieste, Italy \$8,000 (1988)

NIH SRC (Z) 1R13 CA52 841-01 International Conference on Medical Physics Trieste, Italy \$7,980 (1990)

NSF INT-9115051 International Conference on Biophysics, Trieste, Italy \$20,000 (1992)

NSF INT-9401669 International Conference on Biophysics, Trieste, Italy \$20,900 (1994)

RMH Research and Education Foundation - Evaluation of Hyperbaric Oxygen Therapy for the Attenuation of Reperfusion Injury in a Pedicle Flap Model \$5,000 (1994)

INVESTIGACIONES DE INTERES

Estudio de mezcla de cristales y vidrios conteniendo metales por medio de resonancia paramagnética electrónica (RPE) a temperaturas desde helio líquido hasta cientos de grados centígrados.
Calculo de campo efectivo en cristales paramagnéticos por medio de la técnica de Monte Carlo.
Estudio de ferro eléctricos.
Simulación por medio de la computadora del ruido de fondo en detectores de simetrías complejas.
Simulación por medio de la computadora de transición fase en sistemas fuera de equilibrio.

OTRAS ACTIVIDADES PROFESIONALES

Fellow of the American Physical Society

Member of the Solid State Division of the American Physical Society

Member of the Southeastern Section of the American Physical Society

Former Co-Editor of Superconductivity Review (Journal)

Former Co-Editor of Magnetic Resonance Review (Journal)

Member of the Advisory Screening Committee for Fulbright Senior Scholar Awards in Physics (1982-1985)

Co-Director Summer College in Biophysics, International Centre for Theoretical Physics, Trieste, Italy (1980 to 1997)

Co-Director Summer College in Medical Physics, International Centre for Theoretical Physics, Trieste, Italy (1982 to 1997)

EXPERIENCIA DOCENTE

1952-1958 Matemática en Escuelas Secundarias
1959-2007 Física en Universidades: Universidad de Buenos Aires, Universidad de Toronto
(Canadá), Universidad de Vancouver (Canadá) Universidad de South Carolina (USA)

CURSOS ENSEÑADO

Undergraduado: Introducción a la Física
Física del Estado Sólido
Óptica

Graduado: Física del Estado Sólido
Programación en computadoras
Resonancia Magnética
Física del Calor
Mecánica Clásica
Tópicos Avanzados
Introducción a la técnica de Monte Carlo

LIBROS

1. C. P. Poole, Jr. and H. A. Farach, Relaxation in Magnetic Resonance, Academic Press, New York, 1971.
2. C. P. Poole, Jr. and H. A. Farach, Theory of Magnetic Resonance, Wiley, NY 1972.
3. C. P. Poole, Jr. and H. A. Farach, Teoria de la Resonancia Magnetica, Editorial Reverte, S. A. (Spanish Translation), Madrid 1976.
4. F. J. Owens, C. P. Poole, Jr. and H. A. Farach, Magnetic Resonance Studies of Phase Transitions, Academic Press, NY 1979.
5. C. P. Poole, Jr. and H. A. Farach, Theory of Magnetic Resonance, Second Edition Wiley, NY 1985.
6. C. P. Poole, Jr., T. Datta and H. A. Farach, Copper Oxide Superconductors, Wiley, NY (1988).
7. R. J. Creswick, H. A. Farach and C. P. Poole, Jr. Introduction to Renormalization Group Methods in Physics, Wiley, NY (1991).
8. C. P. Poole and H. A. Farach, Electron Spin Resonance Handbook, American Institute of Physics (1994).
9. C. P. Poole, Jr., H. A. Farach, and R. J. Creswick, Superconductivity, Academic Press (1995).
10. C. P. Poole and H. A. Farach, EPR at 50, Ed. Gareth & Sandra Eaton, Oxford University Press (1998).
11. C. P. Poole and H. A. Farach, Electron Spin Resonance Handbook Vol. II, American Institute of Physics (1999).
12. A Chapter, "Entangle States and Quatum Computers" on the Handbook of Physics, C.P. Poole, second edition John Wiley (2007).
13. C.P. Poole, H.A. Farach, R. Creswick, and R. Prozorov, Superconductivity, second edition, Academic Press (2007).
14. "Problems for Qualifing Examination". A continuation of The Handbook of Physics, H.A. Farach, C.P. Poole, and J. Safko, Wiley-VCH Verlag GmbH & Co. KGaA, Weinheim, Germany
15. En preparation, 'Matematics for Elementary Physics'

ARTICULOS DE REVISTA

1. Solving the Spin Hamiltonian for the Electron Spin Resonance of Irradiated Organic Single Crystals, H. A. Farach and C. P. Poole, Jr., Adv. in Mag. Res. 5, 229-303 (1971).
2. Guide to the Magnetic Resonance Literature, H. A. Farach, and C. P. Poole, Jr., Mag. Res. Rev. 1, 3-32 (1972).
3. Electron Spin Resonance, C. P. Poole, Jr., and H. A. Farach, CRC Handbook of Spectroscopy, II, (1974).
4. ²⁷Al Nuclear Magnetic Resonance, C. P. Poole, Jr., and H. A. Farach, series of Experimental Polymer Science, in the volume Mag. Res. in High Polymers, Japan, (1975), pp. 353-365 (in Japanese).
5. Electron Spin Resonance of Minerals, Par 1 Non Silicates, C. P. Poole, Jr., H. A. Farach and T. Parker Bishop, Mag. Res. Rev. 4, 137 (1977).
6. Electron Spin Resonance of Minerals, Part II Silicates, C. P. Poole, Jr., H. A. Farach and T. Parker Bishop, Mag. Res. Rev. 5 225 (1978).
7. Electron Spin Resonance of Glasses, R. Nicklin, H. A. Farach and C. P. Poole, Jr., Handbook of Spectroscopy, Chem. Rubber. Co. (1978).
8. Magnetic Resonance as a Probe of Phase Transitions, Chapter II in the book Magnetic Resonance Studies of Phase Transition, C. P. Poole, Jr., and H. A. Farach, Academic Press, NY, pp. 26-78 (1979).
9. Lineshapes in Electron Spin Resonance, C. P. Poole, Jr., and H. A. Farach, Bull. Mag. Res., Vol. 1, No. 4, 162-194 (1980).
10. Short Time Domain and Double Resonance Techniques in Electron Spin Resonance Spectroscopy, C.P. Poole, Jr. and H.A. Farach, Appl. Spect. Rev. 19(2), 167-258 (1983).
11. Electron Spin Resonance C.P. Poole, Jr. and H.A. Farach, Metals Handbook, Ninth Edition Volume 10, Materials Characterization (1986).
12. Electron Spin Resonance Chapter 8, C. P. Poole and H. A. Farach, C. R. C. Handbook of Spectroscopy, 649 (1991)
13. Electron Spin Resonance Spectrometers, C. P. Poole and H. A. Farach, Encyclopedia of Scientific Instrumentation (1997).

14. Preparing the Way for Paramagnetic Resonance, C. P. Poole, Jr. and H. A. Farach, Chapter on EPR at 50, Ed Gareth & Sandra Eaton, Oxford Univ. to be published in 1999.
15. C. P. Poole, Jr. and H. A. Farach, "The First Sequidecade of Paramagnetic Resonance", Chapter on EPR at 50, Ed Gareth & Sandra Eaton, Oxford Univ. to be published in 1999.
16. C P. Poole, Jr. and Horacio A. Farach, "Lineshapes", Chapter in Handbook of Electron Spin Resonance, Vol. 2 to be published in 1999.
17. C. P. Poole, Jr. and Horacio A. Farach, "Resonators", Chapter in Handbook of Electron Spin Resonance, Vol. 2 to be published in 1999.
18. G. A. Rinard, S. S. Eaton,
G. R. Eaton, C. P. Poole, Jr., and H. A. Farach, "Sensitivity of ESR Spectrometers: Signal, Noise, and Signal-to-Noise," Chapter in Handbook of Electron Spin Resonance, Vol. 2 to be published in 1999.

ARTICULOS EN REVISTAS CON REFERI

1. J. Daniels and H. A. Farach, "Spin-Flip Narrowing Paramagnetic Lines", Canadian Journal of Physics 38, 151 (1960).
2. J. Daniels and H. A. Farach, "Automatic Frequency Control for a Klystron", The Review of Scientific Instruments 32, NO. 11, 1262 (1961).
3. O. Christie, J. Daniels and H. A. Farach, "The Pulse Height Distribution in N. E. 102 Scintillator for Monoenergetic Neutrons", Canadian Journal of Physics 42, 1676 (1964).
4. A. Zaninovich, H. A. Farach, C. Ezrin and R. Volpe, "Lack of Significant Binding of L-Triiodothyronine by Thyroxine-Binding Globuline in Vivo as Demonstrated by Acute Disappearance of ^{125}I -Labeled Triiodothyronine", Journal of Clinical Investigation, Vol. 45, 1290 (1966).
5. H. A. Farach and H. Teitelbaum, "Spectroscopic Line Analysis Using a Gaussian and Lorentzian Convolution Technique", Canadian Journal of Physics 45, 2913 (1967).
6. H. A. Farach, J. Chagalj and H. Panepucci, "Line Width in Magnetically Dilute Tuton's Salts", Journ. Chem. Phys. Solids 29, 2070 (1968).
7. H. A. Farach and C. P. Poole, Jr., "Atlas-Synthesis and Plotting of Hyperfine Patterns of Electron Spin Resonance Spectra", Quantum Chem. Program Exchange Newsletter 23, 14 (1968), Prog. No. 128.
8. C. P. Poole, Jr. and H. A. Farach, "Relationships between Mossbauer, Magnetic Resonance and Optical Spectroscopy", J. Magnetic Resonance 1, 551 (1969).
9. H. A. Farach, C. P. Poole, Jr., and J. M. Daniels, "Low Temperature Spin Orientation in Cobalt Tuton's Salt", Phys. Rev. 188, 864 (1969).
10. H. A. Farach, and C. P. Poole, Jr., "Solution to the Anderson Exchange Narrowing Model for $> 1/2$ ", J. Phys. Chem. Solids 31, 1491 (1970).
11. C. P. Poole, Jr. and H. A. Farach, "Satellite Lines in Electron Spin Resonance", Proc. of the XVIth Colloque Ampere, Bucharest, 1970.
12. C. P. Poole, Jr. and H. A. Farach, "Influence of the Nuclear Zeeman Term on Anisotropic Hyperfine Patterns in Electron Spin Resonance" J. Magn. Resonance 4, 312 (1970).
13. J. M. Diaz, H. A. Farach and C. P. Poole, Jr., "An Electron Spin Resonance and Optical Study of Turquoise", Rev. Col. de Fisica, Vol. 7, 47 (1971).
14. J. Diaz, H. A. Farach, and C. P. Poole, Jr., "An Electron Spin Resonance and Optical Study of Turquoise", Amer. Mineralogist 56, 773 (1971).

15. C. P. Poole, Jr. and H. A. Farach, "Allowed and Forbidden Transitions in Hyperfine Multiplets", *J. Mag. Resonance* 5, 3 (1971).
16. D. K. Gupta, C. P. Poole, Jr., and H. A. Farach, "Electron Spin Resonance of Benzo (ghi) Fluorathene and Fluorene Radial Ions", *Il Nuovo Cimento* 2, 20 (1971).
17. H. A. Farach and C. P. Poole, Jr., "The Spin Hamiltonian for Completely Anisotropic g-factor and Hyperfine Coupling Tensors", *Il Nuovo Cimento* 4B, 51 (1971).
18. E. F. Strother, H. A. Farach and C. P. Poole, Jr., "Electron Spin Resonance Study of High Concentration Manganese Nitrate Aqueous Solutions", *Phys. Rev.* A4, 2079 (1971).
19. R. C. Nicklin, H. A. Farach, and C. P. Poole, Jr., "The Single Crystal Electron Spin Resonance Spectra of X-Irradiated Potassium Hydrogen Malonate", *J. Chem. Phys.* 56, 1279 (1972).
20. M. P. Stombler, H. A. Farach, and C. P. Poole, Jr., "An Electron Spin Resonance Study of Manganese Substituted Spinel", *Phys. Rev.* B6, 40 (1972).
21. H. A. Farach and C. P. Poole, Jr., "Low Temperature Spin Orientation in Cobalt Tutton's Salts II", *Phys. Rev.* B5, 1870 (1972).
22. H. A. Farach and C. P. Poole, Jr., "A Unified Treatment of Magnetic Resonance", *Proc. Solid State Physics Conference, Bucaramanga, Colombia, July 1972, Sociedad Colombiana de Fisica*.
23. H. A. Farach, R. C. Nicklin, and C. P. Poole, Jr., "EPR of Mn^{2+} in As-S-I and As-Te-I Glasses", *J. Chem. Phys.* 58, 2579 (1972).
24. C. P. Poole, Jr., H. A. Farach and W. K. Jackson, "Standardization of Convention for Zero Field Splitting Parameters", *J. Chem. Phys.* 61, 2220 (1974).
25. H. Panepucci, R. Robert, H. A. Farach, and Milton de Souza, "Optical and EPR Observation of the F Center in KCN", *Solid State Communications*, 16, 1147 (1975).
26. H. A. Farach, C. P. Poole, Jr., and R. C. Nicklin, "Anomalous Temperature Dependence of Paramagnetic Resonance Line in $FeF_3 \cdot 2H_2O$ ", *Solid State Communications*, 17, 1393 (1975).
27. H. A. Farach, C. P. Poole, Jr., and R. C. Nicklin, "Antiferromagnetic Exchange in $FeF_3 \cdot 3H_2O$ ", *J. of Mag. Resonance* 23 221 (1976).
28. J. Shaffer, H. A. Farach and C. P. Poole, Jr., "Electron spin resonance Study of Manganese doped Spinel", *Phys. Rev. B* 13, 1869 (1976).
29. R. C. Nicklin, H. A. Farach, C. P. Poole, Jr., "EPR of Mn^{+2} , Fe^{+3} and Cu^{+2} in Glasses of the Systems $BaO-B_2O_3-Al_2O_3$ and $CaO-B_2O_3-Al_2O_3$ ", *J. Chem. Phys.* 65, 2998 (1976).
30. H. Panepucci and H. A. Farach, "Electron Spin Resonance Spectra of Quasi Randomly Oriented Centers: Application to Radiation Damage Centers in Bone", *Medical Physics*, Vol. 4, 46 (1977).

31. Y. Aharonov, H. A. Farach and C. P. Poole, Jr., "A Nonlinear Vector Product to Describe Rotations", *Am. J. Phys.*, 45, 451 (1977).
32. H. A. Farach and C. P. Poole, Jr. and H. Panepucci, "Relaxation Times of the F Center in KCN", *Il Nuovo Cimento* 39, 123 (1977).
33. T. P. Bishop, C. P. Poole, Jr. and H. A. Farach, "Electron Spin Resonance Studies of Minerals", *Georgia Journal of Science* 35, 93 (1977).
34. C. O. Clark, C. P. Poole Jr., and H. A. Farach, "An Electron Spin Resonance Study of Copper (II) Tetraphenyl Porphyrins", *J. Phys. C. Solid State Physics* 11, 769 (1978).
35. A. O. Caride, S. I. Zanette and H. A. Farach, "Recursion Relations for the Group SU(2)", *Journal of Computational Physics* 29, 278 (1978).
36. H. A. Farach and C. P. Poole, Jr., "Low-Temperature Spin Orientation in Cobalt Tutton's Salt III", *Journal of Physics C: Solid State Physics* 11, 4547 (1978).
37. A. Tancredo, P. S. Pizani, C. Mendonca, H. A. Farach, and C. P. Poole, Jr., "Spin-Rotation Relaxation Times for Methyl Compounds with Hindrance Barriers at Different Temperatures", *J. of Mag. Resonance* 32, 227 (1978).
38. H. A. Farach, Y. Aharonov, C. P. Poole, Jr., and S. I. Zanette, "Application of the Nonlinear Vector Product to Lorentz Transformations", *Am. J. Phys.*, 43, 247 (1979).
39. C. O. Clark, C. P. Poole, Jr., and H. A. Farach, "Variable Temperature Electron Spin Resonance Study of Turquoise Samples", *Amer. Mineralogist* 64, 449 (1979).
40. R. D. Truesdale, H. A. Farach, and C. P. Poole, Jr., "Hysteresis Effects in X-irradiated KH_2PO_4 , KD_2PO_4 and RbH_2PO_4 Ferroelectric Single Crystals Observed with Electron Spin Resonance", *Phys. Rev.* 22B, 365 (1979).
41. P. S. Pizani, A. Tancredo, C. Mendonca, H. A. Farach, C. P. Poole, Jr., and P. D. Ellis, "Spin Rotation Relaxation Times for Methyl Compounds with Hindrance Barriers at 65° C", *Chem. Phys. Letters* 80, 112 (1980).
42. C. P. Poole, Jr., H. A. Farach, and Y. Aharonov, "A Vector Product Formulation of Special Relativity and Electromagnetism," *Found. Phys.* 10, 531 (1980).
43. C. J. Smith, H. A. Farach, and C. P. Poole, Jr. "ESR Kinetics Study of the Decay of Low Temperature Radicals in Glycine and β Alanine", *J. Chem. Phys.* 74, 993 (1980).
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46. C. P. Poole, Jr., and H. A. Farach, "Magnetic Phase Diagram of Spinel Spin-Glasses", *Zeit. Phys.* B47, 55 (1981).
47. C. Biscegli, H. Panepucci, H. A. Farach, and C. P. Poole, Jr., "Advanced Laboratory NMR Spectrometer with Applications," *Amer. J. Phys.* 50, 48 (1982).
48. J. E. R. Duran, H. Panepucci, H. A. Farach and C. P. Poole, Jr., "Electron Spin Resonance of the Radical Ion CNO^{2-} in Irradiated Single Crystals of KC" Doped with KCN," *J. Mag. Resonance*, 46, 374 (1982).
49. C. P. Poole, Jr., and H. A. Farach, "Pauli-Dirac Matrix Generators of Clifford Algebras", *Found. Phys.* 12, 719 (1982).
50. R. D. Truesdale, C. P. Poole, Jr., and H. A. Farach, "Low-Temperature Ferroelectric Polarization Reversal Monitored by Electron Spin Resonance of AsO_4^{4-} in X-irradiated KH_2PO_4 - KH_2AsO_4 Mixed Crystals", *Phys. Rev. B* 25, 474 (1982).
51. R. D. Truesdale, C. P. Poole, Jr., and H. A. Farach, "Switching Times of Ferroelectric Domains in X-ray Irradiated KD_2PO_4 - KH_2AsO_4 Monitored by ESR", *Phys. Rev.* B27, 4052 (1983).
52. J. F. Fernandez, H. A. Farach, C. P. Poole, Jr., and M. Puma, "Monte Carlo Study of Spin Glass Ordering of a Dilute Heisenberg Antiferromagnet on a fcc Lattice", *Phys. Rev. B*, 27, 4274 (1983).
53. R. D. Truesdale, H. A. Farach, and C. P. Poole, Jr., "Fast Switching Times of KD_2PO_4 - KH_2AsO_4 Ferroelectric Domains Monitored by ESR", *Phys. Rev. B* 28 (9), 5268 (1983).
54. D. D. Wheeler, H. A. Farach and C. P. Poole, Jr., "Electron Spin Relaxation of Irradiated Ferroelectric KDP: K_2SeO_4 ," *Phys. Lett.* 103A, 144 (1984).
55. C. Chagalj, T. C. P. de Paoli, A. A. Hager, L. A. Palaoro, E. Rubin de Celis, H. A. Farach, and C. P. Poole, Jr., "Spin Labeling of Human Erythrocytes with Nitroxide Radicals," *Il Nuovo Cimento* 4D, 245 (1984).
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58. R. J. Creswick, H. A. Farach, C. P. Poole, Jr. and J. M. Knight, "Monte Carlo Study of the Local Field Distribution in the Dilute Antiferromagnetic Ising Model on the Triangular Lattice", *Phys. Rev.* B32, 5776 (1985).
59. P. S. Pizani, M. C. Terrile, H. A. Farach and C. P. Poole, Jr., "Color Centers in Sodalite", *Am. Mineralogist* 70, 1186 (1985).
60. J. M. Diaz, H. A. Farach, and C. P. Poole, Jr., "The Magnetic Properties of Metatorbernite," *Canadian Mineralogist*, 23, 643 (1985).

61. C. P. Poole, Jr., and H. A. Farach, "Electron Spin Resonance Studies of Switching in Ferroelectrics" Proc. Ramis-85 Conference, Radio and Microwave Spectroscopy, Posuas, Poland (1985).
62. D. Li, C. P. Poole, Jr., and H. A. Farach, "A General Method of Generating and Classifying Clifford Algebras", J. Math. Phys. 27, 1173 (1986).
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64. C.P. Poole, Jr., H.A. Farach and R.J. Creswick, "Systematic Variation of Ferroelectric Transition Temperature Within Related Isomorphic Series", Ferroelectrics, 71, 143 (1987).
65. R.J. Creswick, H.A. Farach and C.P. Poole, Jr., "Mean Field Theory of Local Freezing in the Ising Model", R.J. Creswick, H.A. Farach and C.P. Poole, Jr., Phys. Rev. B. 35, (1987).
66. H.A. Farach, R.J. Creswick, and C.P. Poole, Jr. "Exact Results for the Site-Dilute Antiferromagnetic Ising Model on Finite Triangular Lattices", Phys. Rev. B 37, 5615 (1988).
67. D.D. Wheeler, H.A. Farach, C.P. Poole, Jr. and R.J. Creswick, "Electron Spin Relaxation Times in Se-Doped Potassium Dihydrogen Ferroelectric Crystals", Phys. Rev. B. 37, 9703 (1988).
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69. R.J. Creswick, H.A. Farach J.M. Knight and C.P. Poole, Jr., "Monte Carlo Method for the Ising Model in a Transverse Field", Phys. Rev. B. 38, 4712 (1988).
70. C. Almasan, J. Estrada, C.P. Poole, Jr., T. Datta, H.A. Farach, D.U. Gubser, S.A. Wolf and L.E. Toth, "Derivative Analysis of the High Temperature Superconducting Transition", Mat. Res. Soc. Symp. Proc. 99, 451 (1988).
71. C. P. Poole, Jr., and H. A. Farach, "Electron Spin Resonance of Superconductors", Proc. of the XXIVth Colloque Ampere, Poznan, 1988.
72. M.M. Rigney, H.A. Farach and C.P. Poole, Jr., "Average Copper Charge and Valence States of Superconducting Cooper Oxides", J. Phys. Chem. Solids 50, 9 (1989).
73. C.P. Poole, Jr., T. Datta and H.A. Farach, "Structural Commonalities of High Temperature Superconductors", J. of Superconductivity 2, 369, (1989).
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