CURRICULUM VITAE

NAME:	John R. Klauder
PRESENT POSITION:	Professor
ADDRESS:	University of Florida Departments of Physics and Mathematics Gainesville, FL 32611
BORN:	January 24, 1932 Reading, Pennsylvania
DEGREES:	Ph.D. - Princeton University, 1959 M.A. - Princeton University, 1957 M.S. - Stevens Institute of Technology, 1956 B.S. - University of California at Berkeley, 1953

RESEARCH INTERESTS:

Quantum Theory; Coherent States; Quantum Optics; Path Integrals; Quantum Field Theory; Nonrenormalizable Models.

PROFESSIONAL EXPERIENCE:

Member of Technical Staff - AT&T Bell Laboratories, 1953-1988.
Visiting Associate Professor, University of Bern, 1961-1962.
Adjunct Professor, Rutgers University, 1965 (Fall).
Professor, Syracuse University (on leave from AT&T Bell Laboratories), 1967-1968.
Visiting Professor, University of Bern, 1980 (Spring).
Visiting Professor, University of Texas, 1982 (February).
Visiting Professor, Gakushuin University, Tokyo (Yamada Fellowship), 1982 (April-June).
Visiting Professor, Gakushuin University, Tokyo (JSPS Fellowship), 1984 (September-November).
Visiting Scientist, Princeton Institute for Advanced Studies, 1986 (February-March).
First Walter C. Michels Memorial Visiting Lecturer, Bryn Mawr College, 1986 (April).
Professor, University of Florida, 1988-present.
Erskine Fellow, University of Canterbury, Christchurch, New Zealand, 1994 (June).
Visiting Scientist, Institute des Hautes Études Scientifiques, Bures-sur-Yvette, France, 1996 (January-April).
Visiting Professor, University of Bern, 1996 (May-July).
Visiting Professor, University Paris 7, 1998 (May-June).
Visiting Scientist, Asia Pacific Center for Theoretical Physics, 2000 (May).
Visiting Professor, University Paris 7, 2000 (June).

HONORARY SOCIETIES:

Phi Beta Kappa, Sigma Xi, Tau Beta Pi

HONORS

Foreign Member of The Royal Norwegian Academy of Sciences and Letters
2006 Lars Onsager Professor (Norway)
2006 Lars Onsager Medal (Norway)

ORGANIZATIONS:

American Mathematical Society
American Physical Society
American Association for the Advancement of Science
International Association of Mathematical Physics
Society for Industrial and Applied Mathematics

OTHER PROFESSIONAL ACTIVITIES:

Head, Theoretical Physics Research Department, 1966-1967 and 1969-1971.
Head, Solid State Spectroscopy Research Department, 1971-1976.
NSF Physics Advisory Panel, 1972-1975.
Consultant, Los Alamos National Laboratory, Theoretical Division, 1978-1989.
Editor, Journal of Mathematical Physics, 1979-1985.
Associate Secretary-General, Executive Council of International Union of Pure and Applied Physics, 1985-1990.
Member Executive Committee of the International Association of Mathematical Physics, 1985-1991.
President, International Association of Mathematical Physics, 1988-1991.

MASTER STUDENTS AND THESIS TOPICS:

1. R. Sastry, "A Study of Discontinuous Perturbations," University of Florida, 1994.

Ph.D. STUDENTS AND DISSERTATION TOPICS:

1. H. Leutwyler, "Generally Covariant Dirac Equation and Associated Boson Fields", Bern, Switzerland, 1962.
2. H. Grimmer, "Model Field Theories", University of Edinburgh, 1968.
3. E. Aslaksen, "Application of Continuous Representation Theory to Gravitational-like Models", Lehigh University, 1968.
4. W. Mallory, "Solution of Multiatom Radiation Model Using Bargmann Realization of the Radiation Field", Syracuse University, 1970.
5. T. T. Truong, "On the Canonical Formalism of Spin-One Fields", Columbia University, 1972.
6. J. Y. Su, "Resonant Coherent Interaction of Radiation with Matter", Columbia University, 1973.
7. V. Mirelli, "Generalized Stochastic Processes Applied to Physical Systems of an Infinite Number of Degrees of Freedom", Syracuse University, 1982.
8. C. Zhu, "Singular Dynamics in Quantum Mechanics and Quantum Field Theory," University of Florida, 1994.
9. J. Lee, "The Complex Langevin Equation," University of Florida, 1994.
10. W. Tomé, "Quantization and Representation Independent Propagators", University of Florida, 1995.
11. G. Tulsian, "Bicoherent States and Path Integrals for Systems with First-Class Constraints', 1995.
12. A. Rubin, "The Comparative Roles of Connected and Disconnected Trajectories in the Evaluation of the Semiclassical Coherent-State Propagator", University of Florida, 1998.
13. B. Bodmann, "Berezin-Toeplitz Quantization by Wiener-Regularized Path Integrals", University of Florida, 2001.

PUBLICATIONS

1. J. R. Klauder and J. A. Wheeler, "On the Question of a Neutrino Analog to Electric Charge", Rev. Mod. Phys. **29**, 516-517 (1957).
2. J. R. Klauder, "The Action Option and the Feynman Quantization of Spinor Fields in Terms of Ordinary c-Numbers", Annals of Physics **11**, 123-168 (1960).
3. J. R. Klauder, A. C. Price, S. Darlington and W. J. Albersheim, "The Theory and Design of Chirp Radars", Bell System Technical Journal **39**, 745-808 (1960).
4. J. R. Klauder, "The Design of Radar Signals Having Both High Range Resolution and High Velocity Resolution", Bell System Technical Journal **39**, 809-820 (1960).
5. J. E. Kunzler, J. R. Klauder, and G. F. Brennert, "Anisotropy in the Hall Effect and Magnetoresistance of Single Crystals of High Purity Copper", in Proc. VIIth Int. Conf. on Low Temp. Phys., eds. G. M. Graham and A. C. Hollis Hallett, pp. 210-213 (Univ. of Toronto Press, 1961).
6. J. R. Klauder and J. E. Kunzler, "Open Orbits and the Fermi Surface of Copper from Magnetoresistance and Hall Effect Data", in Proc. VIIth Int. Conf. on Low Temp. Phys., eds. G. M. Graham and A. C. Hollis Hallett, pp. 213-218 (Univ. of Toronto Press, 1961).
7. J. R. Klauder and J. E. Kunzler, "Concerning the Fermi Surface Topology of Metals and Open Orbits from Magnetoresistance and Hall Effect Data", J. Phys. Chem. Solids **18**, 256-258 (1961).
8. J. R. Klauder and J. E. Kunzler, "Higher Order Open Orbits and the Interpretation of Magnetoresistance and Hall Effect Data for Copper", in The Fermi Surface, eds. W. A. Harrison and M. B. Webb, pp. 125-129 (Wiley, NY, 1961).
9. J. R. Klauder, "Modification of Electron Energy Levels by Impurity Atoms", Annals of Physics **14**, 43-76 (1961).
10. J. R. Klauder, "Covariant Quantization of the Gravitational Field", Nuovo Cimento **19**, 1059-1061 (1961).
11. J. R. Klauder and J. E. Kunzler, "Tranverse-Even Voltage: A High-Field Galvanomagnetic Effect Associated with Open Orbits in Metals", Phys. Rev. Lett. **6**, 179-182 (1961).
12. J. E. Kunzler and J. R. Klauder, "The Observation of Four Types of Hall Constant Anisotropy in Copper and Their Role in the Determination of the Fermi Surface", Phil. Mag. **6**, 1045-1051 (1961).
13. J. R. Klauder, "The Calculation of Metallic Hall Constants: Topological Aspects and Applications to Copper", Bell System Technical Journal **40**, 1349-1367 (1961).
14. J. R. Klauder and P. W. Anderson , "Spectral Diffusion Decay in Spin Resonance Experiments", Phys. Rev. **125**, 912-932 (1962).
15. J. R. Klauder, "Restricted Variations of the Quantum Mechanical Action Functional and Their Relation to Classical Dynamics", Helv. Phys. Acta **35**, 333-334 (1962).
16. J. R. Klauder, H. Leutwyler, and J. Schaer, "γ_5-Ambiguity in the Generally Covariant Spin Affine Connection", Nuovo Cimento **23**, 1099-1101 (1962).
17. J. R. Klauder, "Covariant Quantization of the Gravitational Field", Nuovo Cimento **25**, 542-564 (1962).
18. J. R. Klauder, "Continuous-Representation Theory I. Postulates of Continuous Representation Theory", J. Math. Phys. **4**, 1055-1058 (1963).
19. J. R. Klauder, "Continuous-Representation Theory II. Generalized Relation Between Quantum and Classical Dynamics", J. Math. Phys. **4**, 1058-1073 (1963).
20. J. R. Klauder, "Continuous-Representation Theory III. On Functional Quantization of Classical Systems", J. Math. Phys. **5**, 177-187 (1964).
21. J. McKenna and J. R. Klauder, "Continuous-Representation Theory IV. Structure of a Class of Function Spaces Arising from Quantum Mechanics", J. Math. Phys. **5**, 878-896 (1964).
22. J. R. Klauder, "Linear Representation of Spinor Fields by Antisymmetric Tensors", J. Math. Phys. **5**, 1204-1214 (1964).
23. J. R. Klauder and J. McKenna, "Continuous-Representation Theory V. Construction of a Class of Scalar Boson Field Continuous Representations", J. Math. Phys. **6**, 68-87 (1965).
24. J. R. Klauder, J. McKenna, and D.G. Currie, "On 'Diagonal' Coherent-State Representations for Quantum-Mechanical Density Matrices", J. Math. Phys. **6**, 734-739 (1965).

25. J. K. Galt, F. R. Merritt, and J. R. Klauder, “Cyclotron Resonance in Cadmium”, Phys. Rev. **139**, A823-837 (1965).
26. H. Leutwyler and J. R. Klauder, “Some Remarks on the Boundary Value Problem in General Relativity”, Helv. Phys. Acta **38**, 241-250 (1965).
27. J. R. Klauder, “Rotationally-Symmetric Model Field Theories”, J. Math. Phys. **6**, 1666-1679 (1965).
28. J. R. Klauder, W.A. Reed, G.F. Brennert, and J.E. Kunzler, “Study of the Fine Structure in the High-Field Galvanomagnetic Properties and the Fermi Surface of Copper”, Phys. Rev. **141**, 592-603 (1966).
29. J. R. Klauder, “Canonical Quantization and the Weak Correspondence Principle”, Proc. of Seminar on Unified Theories of Elementary Particles, Munich, July 5-16, pp. 15-23 (1965).
30. J. R. Klauder, “Improved Version of Optical Equivalence Theorem”, Phys. Rev. Lett. **16**, 534-536 (1966).
31. J. R. Klauder, J. McKenna, and E.J. Woods, “Direct-Product Representation of the Canonical Commutation Relations”, J. Math. Phys. **7**, 822-828 (1966).
32. H. D. I. Abarbanel, J. R. Klauder, and J. G. Taylor, “Green’s Functions for Rotationally Symmetric Models”, Phys. Rev. **152**, 198-206 (1966).
33. J. R. Klauder, “Weak Correspondence Principle”, J. Math. Phys. **8**, 2392-2399 (1967).
34. J. R. Klauder, “Coherence, Correlation and Quantum Field Theory”, in Brandeis University Summer Institute in Theoretical Physics 1967, pp. 90-160 (Gordon and Breach, NY, 1970).
35. E. W. Aslaksen and J. R. Klauder, “Unitary Representations of the Affine Group”, J. Math. Phys. **9**, 206-211 (1968).
36. J. R. Klauder, M. A. Duguay, J. A. Giordmaine, and S. L. Shapiro, “Correlation Effects in the Display of Picosecond Pulses by Two-Photon Techniques”, Appl. Phys. Lett. **13**, 174-176 (1968).
37. J. R. Klauder, “The Application of the Affine Group to the Quantum Theory of Gravitation”, Proc. 5th Int. Conf. on Gravitation and the Theory of Relativity, Tbilisi, USSR, pp. 182-187 (September 1968).
38. J. R. Klauder, “Spectral Criterion for Mode Locked Laser Signals”, Appl. Phys. Lett. **14**, 147-148 (1969).
39. E. I. Blount and J. R. Klauder, “Recovery of Laser Intensity from Correlation Data”, J. Appl. Phys. **40**, 2874-2875 (1969).
40. J. R. Klauder and L. Streit, “Properties of ‘Quadratic’ Canonical Commutation Relation Representations”, J. Math. Phys. **10**, 1661-1669 (1969).
41. E. W. Aslaksen and J. R. Klauder, “Continuous Representation Theory Using the Affine Group”, J. Math. Phys. **10**, 2267-2275 (1969).
42. J. R. Klauder, “Hamiltonian Approach to Quantum Field Theory”, Acta Physica Austriaca, Suppl. **VI**, 167-214 (1969).
43. J. R. Klauder, “Exponential Hilbert Space: Fock Space Revisited”, J. Math. Phys. **11**, 609-630 (1970).
44. J. R. Klauder, “Soluble Models of Quantum Gravitation”, in Relativity, ed. L. Witten, pp. 1-17 (Plenum Press, 1970).
45. G. C. Hegerfeldt and J. R. Klauder, “Metrics on Test Function Space for Canonical Field Operators”, Commun. Math. Phys. **16**, 329-346 (1970).
46. H. Leutwyler, J. R. Klauder, and L. Streit, “Quantum Field Theory on Lightlike Slabs”, Nuovo Cimento **66**, 536-554 (1970).
47. J. R. Klauder and E. W. Aslaksen, “Elementary Model for Quantum Gravity”, Phys. Rev. D **2**, 272-276 (1970).
48. J. R. Klauder, “Ultralocal Scalar Field Models”, Commun. Math. Phys. **18**, 307-318 (1970).
49. J. R. Klauder, “Ultralocal Quantum Field Theory”, Acta Physica Austriaca, Suppl. **VIII**, 227-276 (1971).
50. V. Bargmann, P. Butera, L. Girardello, and J. R. Klauder, “On the Completeness of the Coherent States”, Reports on Math. Phys. **2**, 221-228 (1971).
51. J. R. Klauder, “Heisenberg Operator Equations of Motion”, Proc. Symp. on Basic Questions in Elementary Particle Physics, pp. 82-95 (1971).

52. J. R. Klauder, “Functional Techniques and Their Application in Quantum Field Theory”, in Mathematical Methods in Theoretical Physics, ed. W. E. Brittin, pp. 329-421 (Colorado Assoc. Univ. Press, 1973).
53. L. Streit and J. R. Klauder, “Tachyon Quantization”, in Mathematical Methods in Theoretical Physics, ed. W.E. Brittin, pp. 450-454 (Colorado Assoc. Univ. Press, 1973).
54. G. C. Hegerfeldt and J. R. Klauder, “Fields Without Partners”, Nuovo Cimento **10**, 723-738 (1972).
55. J. R. Klauder, “Covariant Diastrophic Quantum Field Theory”, Phys. Rev. Lett. **28**, 769-772 (1972).
56. G. C. Hegerfeldt and J. R. Klauder, “The Ultralocal Model: Fields Without Partners”, Acta Physica Austriaca, Suppl. **IX**, 856-859 (1972).
57. J. R. Klauder, “Ultralocal Spinor Field Models”, Annals of Physics **79**, 111-130 (1973).
58. M. B. Ruskai and J. R. Klauder, “Local Products as Operators”, J. Math. Phys. **14**, 1199-1201 (1973).
59. J. R. Klauder, “Remarks on Nonrenormalizable Interactions”, Phys. Lett. B **47**, 523-525 (1973).
60. J. R. Klauder, “Ultralocal Approach to Quantum Field Theory: A Survey of Present Results”, Trudy Mat. Inst. Steklov **135**, 163-170 (1975).
61. J. R. Klauder, “Field Structure Through Model Studies: Aspects of Nonrenormalizable Theories”, Acta Physica Austriaca, Suppl. **XI**, 341-387 (1973).
62. G. C. Hegerfeldt and J. R. Klauder, “Field Product Renormalization and Wilson-Zimmerman Expansion in a Class of Model Field Theories”, Nuovo Cimento **19**, 153-172 (1974).
63. L. A. Shepp, J. R. Klauder, and H. Ezawa, “On the Divergence of Certain Integrals of the Wiener Process”, Ann. Inst. Fourier, Grenoble **24**, 189-193 (1974).
64. J. R. Klauder and L. Streit, “Optical Equivalence Theorem for Unbounded Observables”, J. Math. Phys. **15**, 760-763 (1974).
65. H. Ezawa, J. R. Klauder, and L. A. Shepp, “Vestigial Effects of Singular Potentials in Diffusion Theory and Quantum Mechanics”, J. Math. Phys. **16**, 783-799 (1975).
66. H. Ezawa, J. R. Klauder, and L. A. Shepp, “A Path Space Picture for Feynman-Kac Averages”, Annals of Physics **88**, 588-620 (1974).
67. J. R. Klauder, “The Value and the Scope of Quantum Field theory”, in Mathematical Physics and Physical Mathematics, eds. K. Maurin and R. Raczka, pp. 3-13 (Reidel, Dortrecht, 1976).
68. J. R. Klauder, “On the Meaning of a Nonrenormalizable Theory of Gravitation”, GRG **6**, 13-19 (1975).
69. L. C. Detwiler and J. R. Klauder, “Supersingular Quantum Perturbations”, Phys. Rev. D **11**, 1436-1441 (1975).
70. J. R. Klauder, “Field Theory as Noise Theory”, Phys. Lett. B **56**, 93-95 (1975).
71. J. R. Klauder, “On Model Fields with Independent Values at Every Space-Time Point”, Acta Physica Austriaca **41**, 237-247 (1975).
72. J. R. Klauder, “Soluble Models and the Meaning of Nonrenormalizability”, in International Symposium on Mathematical Problems in Theoretical Physics, ed. H. Araki, pp. 160-167 (Springer, NY, 1975).
73. J. R. Klauder and H. Narnhofer, “Multicomponent, Independent-Value Quantum Field Models”, Acta Physica Austriaca **44**, 161-171 (1976).
74. J. R. Klauder, “Stochastic Processes and Quantum Theory”, Acta Physica Austriaca, Suppl. **XIV**, 581-629 (1975).
75. J. R. Klauder, “Soluble Covariant Nonrenormalizable Quantum Field Theory”, Phys. Rev. D **12**, 1590-1594 (1975).
76. J. R. Klauder and H. Narnhofer, “Large-N Behavior for Independent-Value Models”, Phys. Rev. D **13**, 257-266 (1976).
77. J. R. Klauder, “A Characteristic Glimpse of the Renormalization Group”, J. Math. Phys. **17**, 826-830 (1976).
78. H. Narnhofer and J. R. Klauder, “Boundary Conditions and Singular Potentials in Diffusion Theory”, J. Math. Phys. **17**, 1201-1209 (1976).
79. J. R. Klauder, “Challenging Problems in Singular Dynamical Systems”, Acta Physica Austriaca, Suppl. **XVI**, 185-200 (1976).
80. J. R. Klauder, “Continuous and Discontinuous Perturbations”, Science **199**, 735-740 (1978).

81. J. R. Klauder, “Augmented Quantum Field Theory: A Proposal to Extend Conventional Formulations”, Phys. Rev. D **14**, 1952-1964 (1976).
82. J. R. Klauder, “Quantum Optics”, in Encyclopedia of Physics, eds. R.G. Lerner and G.L. Trigg, pp. 819-821 (Addison-Wesley Pub. Co., 1981).
83. J. R. Klauder, “Functional Equations and Green’s Functions for Augmented Scalar Fields”, Phys. Rev. D **15**, 2830-2836 (1977).
84. J. R. Klauder, “Affine Fields and the Operator Formulation of Augmented Scalar Fields”, J. Math. Phys. **18**, 1711-1719 (1977).
85. J. R. Klauder, “Classical Concepts in Quantum Contexts”, Acta Physica Austriaca, Suppl. **XVIII**, 1-62 (1977).
86. J. R. Klauder, “Continuous Representations and Path Integrals, Revisited”, in Path Integrals, eds. G.J. Papadopoulos and J.T. Devreese, pp. 5-38 (Plenum Pub. Corp., 1978).
87. J. R. Klauder, “Nonrenormalizability and New Measures for Quantum Field Theory”, Proc. III School of Elementary Particles and High Energy Physics, Primorsko, Bulgaria, pp. 1-75 (1977).
88. J. R. Klauder, “Scale-Covariant Quantization”, Phys. Lett. B **73**, 152-154 (1978).
89. J. R. Klauder, “New Measures for Nonrenormalizable Quantum Field Theory”, Annals of Physics **117**, 19-55 (1979).
90. J. R. Klauder, “Scale-Covariant Quantum Field Theory”, Proc. XVth Annual Winter School for Theoretical Physics, Karpacz, Poland, pp. 146-188 (1978).
91. J. R. Klauder, “Path Integrals and Stationary Phase Approximations”, Phys. Rev. D **19**, 2349-2356 (1979).
92. J. R. Klauder, “Path Integrals, Stationary Phase Approximations and Complex Histories”, in Quantum Fields - Algebras, Processes, ed. L. Streit, pp. 65-78 (Springer-Verlag, 1980).
93. J. R. Klauder, “Interaction Picture for Stochastic Differential Equations”, in Quantum Fields - Algebras, Processes, ed. L. Streit, pp. 53-64 (Springer-Verlag, 1980).
94. J. R. Klauder, “Bosons Without Bosons”, Proc. Conf. on Quantum Theory and the Structures of Time and Space 3, pp. 17-27 (1978).
95. J. R. Klauder, “Stochastic Differential Equations for Euclidean Quantum Theory”, Colloquia Mathematica Societatis Janos Bolyai 27, Random Fields, pp. 617-637 (1979).
96. J. R. Klauder, “Path Integrals for Affine Variables”, in Functional Integration, eds. J.-P. Antoine and E. Tirapegui, pp. 101-119 (Plenum Pub. Corp., 1980).
97. J. R. Klauder, “Path Integrals”, Acta Physica Austriaca, Suppl. **XXII**, pp. 3-43 (1980).
98. J. R. Klauder, “The Fusion of Classical and Quantum Theory”, Proceedings of the Conference on Quantum Theory and the Structures of Time and Space 4, pp. 19-27 (1980).
99. I. Daubechies and J. R. Klauder , “Measures for Path Integrals”, Phys. Rev. Lett. **48**, 117-120 (1982).
100. J. R. Klauder, “Scale Covariance, Nonrenormalizable Interactions and High Temperature Expansions”, Phys. Rev. D **24**, 2599-2604 (1982).
101. J. R. Klauder, “High-Temperature Expansion for Nonrenormalizable Quantum Field Theories”, Czech. J. Phys. B **32**, 494-498 (1982).
102. J. R. Klauder, “Applications of Stochastic Differential Equations in Physics”, Proceedings of the 5-Tage-Kurs on Stochastic Differential Equations, Bielfeld, pp. 112-134 (1981).
103. I. Daubechies and J. R. Klauder, “Constructing Measures for Path Integrals”, J. Math. Phys. **23**, 1806-1822 (1982).
104. J. R. Klauder, “Constructing Measures for Spin-Variable Path Integrals”, J. Math. Phys. **23**, 1797-1805 (1982).
105. J. R. Klauder and H. Ezawa, “Remarks on a Stochastic Quantization of Scalar Fields”, Prog. Theoret. Phys. **69**, 664-673 (1983).
106. J. R. Klauder, “A Langevin Approach to Fermion and Quantum Spin Correlation Functions”, J. Phys. A: Math. Gen. **16**, L317-319 (1983).
107. I. Daubechies and J. R. Klauder, “Measures for More Quadratic Path Integrals”, Lett. in Math. Phys. **7**, 229-234 (1983).

108. I. Daubechies and J. R. Klauder, "Wiener Measures for Quantum Mechanical Path Integrals", in Stochastic Processes in Quantum Theory and Statistical Physics, eds. S. Albeverio, Ph. Combe and M. Sirugue-Collin, pp. 245-247 (Springer, 1982).
109. J. R. Klauder, "Stochastic Quantization", Acta Physica Austriaca, Suppl. **XXV**, 251-281 (1983).
110. J. R. Klauder, "Coherent-State Langevin Equations for Canonical Systems with Applications to the Quantized Hall Effect", Phys. Rev. A **29**, 2036-2047 (1984).
111. J. R. Klauder, C. B. Lang, P. Salomonsson, and B.-S. Skagerstam, "Universality of the Continuum Limit of Lattice Quantum Theories", Z. Phys. C-Particles and Fields **26**, 149-155 (1984).
112. J. R. Klauder, "Stochastic Phenomena in Physics", Acta Appl. Math. **1**, 151-173 (1983).
113. J. R. Klauder and I. Daubechies, "Quantum Mechanical Path Integrals with Wiener Measures for all Polynomial Hamiltonians", Phys. Rev. Lett. **52**, 1161-1164 (1984).
114. J. R. Klauder and W. P. Petersen, "Numerical Integration of Multiplicative-Noise Stochastic Differential Equations", SIAM Journal of Numerical Analysis **22**, 1153-1166 (1985).
115. H. Ezawa and J. R. Klauder, "Fermions Without Fermions: The Nicolai Map Revisited", Prog. Theoret. Phys. **74**, 904-915 (1985).
116. J. R. Klauder and W. P. Petersen, "Spectrum of Certain Nonself- Adjoint Operators and Solutions of Langevin Equations with Complex Drift", J. Stat. Phys. **39**, 53-72 (1985).
117. I. Daubechies and J. R. Klauder, "Quantum Mechanical Path Integrals with Wiener Measures for All Polynomial Hamiltonians, II", J. Math. Phys. **26**, 2239-2256 (1985).
118. H. Hasegawa, J. R. Klauder, and M. Lakshmanan, "Towards a Satisfactory Formulation of Quantum Langevin Equation", J. Phys. A: Math. Gen. **18**, L123-128 (1985).
119. J. R. Klauder, "Stochastic Quantization: Theme and Variation", in Quantum Field Theory and Quantum Statistics, Vol. 1, eds. I. Batalin, C. Isham, and G. Vilkovisky, pp. 577-586 (Adam Hilger, Bristol, 1988).
120. J. R. Klauder, "Measure and Support in Functional Integration", in Progress in Quantum Field Theory, eds. H. Ezawa and S. Kamefuchi, pp. 31-56 (Elsevier Science Publishers, 1986).
121. J. R. Klauder, "Wave Theory of Imaging Systems", in Lie Methods in Optics, eds. J. Sanchez Mondragon and K.B. Wolf, pp. 183-191 (Springer-Verlag, 1986).
122. J. R. Klauder, F. Cooper, D. J. E. Callaway, and H. A. Rose, "Langevin Simulations in Minkowski Space", Nuclear Physics B **262**, 19-32 (1985).
123. J. R. Klauder, "Stochastic Quantization: Application to Field Theory and General Relativity", in Quantum Field Theory, ed. F. Mancini, pp. 205-220 (Elsevier, B.V., 1986).
124. H. Gausterer and J. R. Klauder, "Complex Langevin Equations for Fermion Models", Phys. Lett. B **164**, 127-130 (1985).
125. J. R. Klauder, "Path Integrals and Semiclassical Approximations to Wave Equations", in Path Integrals from meV to MeV, eds. M. C. Gutzwiller et al., pp. 85-97 (World Scientific, Singapore, 1986).
126. J. R. Klauder, "Coherent-State Path Integrals for Unitary Group Representations", in Proc. of the 14th ICGTMP, ed. Y.M. Cho, pp. 14-23 (World Scientific, Singapore, 1986).
127. J. R. Klauder, "Are Coherent States the Natural Language of Quantum Theory?", in Fundamental Aspects of Quantum Theory, eds. V. Gorini and A. Frigerio, pp. 1-12 (Plenum, NY, 1985).
128. B. Yurke, S. L. McCall, and J. R. Klauder, "SU(2) and SU(1,1) Interferometers", Phys. Rev. A **33**, 4033-4054 (1986).
129. J. R. Klauder, S. L. McCall, and B. Yurke, "Squeezed States from Nondegenerate Four-Wave Mixers", Phys. Rev. A **33**, 3204-3209 (1986).
130. H. Gausterer and J. R. Klauder, "Complex Langevin Solution of the Schwinger Model", Phys. Rev. Lett. **56**, 306-308 (1986).
131. J. R. Klauder, "Global, Uniform, Semiclassical Approximation to Wave Equations", Phys. Rev. Letters **56**, 897-899 (1986); 1513(E) (1986).
132. J. R. Klauder, "Some Recent Results on Wave Equations, Path Integrals, and Semiclassical Approximations", in Random Media, ed. G. Papanicolaou, pp. 163-182 (Springer, Berlin, 1987).
133. J. R. Klauder, "An Introduction to Squeezed States", in Symmetries of Science II, ed. B. Gruber, pp. 271-278 (Plenum, NY, 1987).

134. H. Gausterer and J. R. Klauder, “Complex Langevin Equations and Their Applications to Quantum Statistical and Lattice Field Models”, Phys. Rev. D **33**, 3678-3685 (1986).
135. J. R. Klauder, “Coherent States and the Global, Uniform Approximation of Wave Equation Solutions”, in The Physics of Phase Space, eds. Y. S. Kim and W. W. Zachary, pp. 290-298 (Springer, Berlin, 1986).
136. H. Gausterer and J. R. Klauder, “Two-Dimensional Model for Strongly Interacting Matter at High Particle Density”, Phys. Lett. B **177**, 391-394 (1986).
137. I. Daubechies, J. R. Klauder, and T. Paul, “Wiener Measures for Path Integrals with Affine Kinematic Variables”, J. Math. Phys. **28**, 85-102 (1987).
138. J. R. Klauder, “Global, Uniform Semiclassical Approximations for Quantum Systems on the Half Line”, Phys. Rev. A **34**, 4486-4489 (1986).
139. J. R. Klauder, “Wiener Measure Regularization for Quantum Mechanical Path Integrals”, Acta Physica Austriaca, Suppl. **XXVI**, 19-43 (1987).
140. J. R. Klauder, “Semiclassical Quantization of Classically Chaotic Systems”, Phys. Rev. Lett. **59**, 748-750 (1987).
141. H.-Y. Fan, H. R. Zaidi, and J. R. Klauder, “New Approach for Calculating the Normally Ordered Form of Squeeze Operators”, Phys. Rev. D **35**, 1831-1834 (1987).
142. J. R. Klauder, “Global, Uniform, Asymptotic Wave-Equation Solutions for Large Wave Numbers”, Annals of Physics **180**, 108-151 (1987).
143. J. R. Klauder, “New Asymptotics for Old Wave Equations”, Science **239**, 760-762 (1988).
144. H.-Y. Fan and J. R. Klauder, “Canonical Coherent-State Representation of Some Squeeze Operators”, J. Phys. A: Math. Gen. **21**, L725-730 (1988).
145. J. R. Klauder, “Quantization *Is* Geometry, After All”, Annals of Physics **188**, 120-141 (1988).
146. C. J. Isham and J. R. Klauder, “Affine Fields and Operator Representations for the Nonlinear σ-Model,” J. Math. Phys. **31**, 699-711 (1990).
147. J. R. Klauder and E. Onofri, “Landau Levels and Geometric Quantization,” Int. Jour. of Mod. Phys. A **4**, 3939-3949 (1989).
148. J. R. Klauder, “The Regularized Feynman Path Integral,” in Path Integrals form meV to MeV, eds. V. Sa-yakanit et.al., pp. 48-59 (World Scientific, Singapore, 1989).
149. J. R. Klauder, “Quantization = Geometry + Probability,” in Probabilistic Methods in Quantum Field Theory and Quantum Gravity, eds. P.H. Damgaard, H. Hüffel, and A. Rosenblum, pp. 73-85 (North-Holland, 1990).
150. J. R. Klauder and J. Navarro-Salas, “The Affine Group Model for Gravity, Revisited,” Class. Quant. Gravity **7**, 1207-1216 (1990).
151. C. J. Isham and J. R. Klauder, “Coherent States for n-Dimensional Euclidean Groups $E(n)$ and their Application,” J. Math. Phys. **32**, 607-620 (1991).
152. V. Aldaya, J. R. Klauder, and J. Navarro-Salas, “The Affine Field Model for Gravity: A Zero Central Change Realization of the SU(1,1) Loops Groups,” Proc. of 9th Italian Conference on General Relativity and Gravitational Physics, eds. R. Cianci et. al., p. 635 (World Scientific, Singapore, 1991).
153. J. R. Klauder and R. Streater, “A Wavelet Transform for the Poincaré Group,” J. Math. Phys. **32**, 1609-1611 (1991).
154. V. Aldaya, J. R. Klauder, and J. Navarro-Salas, “Group Quantization of the Affine Model for Gravity and Non-Standard Representations of the SU(1,1) - Kac-Moody Group”, Class. Quant. Gravity **8**, 412-426 (1991).
155. I. Daubechies and J. R. Klauder, “Squeezed States and Path Integrals,” in Workshop on Squeezed States & Uncertainty Relations, NASA Conference Publication 3135, pp. 247-260 (1992).
156. J. R. Klauder and E. Onofri, “The Quantum Hall Effect and Coordinate-Free Quantization,” in The Foundations of Quantum Mechanics, eds. T. Black et. al., pp. 108-114 (World Scientific, Singapore, 1992).
157. J. R. Klauder, “Coherent States and Coordinate-Free Quantization”, Inter. Jour. of Theor. Phys. **33**, 509-522 (1994).

158. J. R. Klauder and S. Lee, "Improved Complex Langevin Method for $d = 2 + 1$ Dimensional Lattices", Phys. Rev. D **45**, 2101-2104 (1992).
159. J. R. Klauder, "A Stochastic Primer", in Computational Methods in Field Theory, eds. H. Gausterer and C. B. Lang, pp. 1-42 (Springer, Vienna, 1992).
160. J. R. Klauder and W. A. Tomé, "The Universal Propagator for Affine [or SU (1,1)] Coherent States", J. Math. Phys. **33**, 3700-3709 (1992).
161. J. R. Klauder and B. F. Whiting, "Extended Coherent States and Path Integrals with Auxiliary Variables", J. Phys. A: Math. Gen. **26**, 1697-1715 (1993).
162. C. Zhu and J. R. Klauder, "Classical Symptoms of Quantum Illnesses", Am. J. Phys. **61**, 605-611 (1993).
163. C. Zhu and J. R. Klauder, "The Self Adjointness of Hermitian Hamiltonians", Foundations of Physics **23**, 617-631 (1993).
164. J. R. Klauder, "Coordinate-Free Quantization: Aspirations & Achievements", in Annales de Física, Monografias, Group Theoretical Methods in Physics, eds. M. A. del Olmo et. al., Vol. II, pp. 462-465 (1992).
165. J. R. Klauder, "Continuous-Time Path Integral Regularization and Higher-Order Polarizations", in Path Integrals from meV to MeV: Tutzing '92, eds. H. Orabert et.al., pp. 311-319 (World Scientific, Singapore, 1993).
166. R. Alicki and J. R. Klauder, "Wiener and Poisson Process Regularization for Coherent-State Path Integrals", J. Math. Phys. **34**, 3867-3877 (1993).
167. W. A. Tomé and J. R. Klauder, "The Universal Propagator for Spin [or SU(2)] Coherent States", J. Math. Phys. **34**, 2893-2913 (1993).
168. J. R. Klauder and W. A. Tomé, "The Universal Propagator for Group-Related Coherent States", Acta. Physica Polonica **85**, 655-666 (1994).
169. J. R. Klauder, "The Universal Propagator", in Workshop on Harmonic Oscillators, NASA Conference Publication 3197, pp. 19-28 (1993).
170. J. R. Klauder and R. F. Streater, "Wavelets and the Poincaré Half-Plane", J. Math. Phys. **35**, 471-478 (1994).
171. R. Alicki, J. R. Klauder, and J. Lewandowski, "Landau-Level Ground State Degeneracy and its Relevance for a General Quantization Procedure", Phys. Rev. A. **48**, 2538-2548 (1993).
172. J. R. Klauder, "Coherent States Without Groups: Quantization on Nonhomgeneous Manifolds", Modern Phys. Lett. A **8**, 1735-1738 (1993).
173. R. Alicki and J. R. Klauder, "The Anomalous Quantum Hall Current Driven by a Nonuniform Magnetic Field", J. Phys. A: Math. Gen. **27**, L219-L221 (1994).
174. H.-Y. Fan and J. R. Klauder, "On the Common Eigenvectors of Two-Mode Creation Operators and the Charge Operator," Mod. Phys. Lett. A **9**, 1291-1297 (1994).
175. H.-Y. Fan and J. R. Klauder, "Eigenvectors of Two Particles' Relative Position and Total Momentum", Phys. Rev. A **49**, 704-707 (1994).
176. C. Zhu and J. R. Klauder, "The Classical Limit of Ultralocal Quantum Fields", J. Math. Phys. **35**, 3400-3409 (1994).
177. J. R. Klauder, "Self-Interacting Scalar Fields and (Non-) Triviality," in Mathematical Physics Toward the XXIst Century, eds. R. Sen and A. Gersten, pp. 87-98 (Ben-Gurion University Press, Beer Sheva, 1994).
178. W. Tomé and J. R. Klauder, "The Universal Propagator and its Relation to Conventional Path Integrals," in Proc. of the International Conference on Path Integrals in Physics, Bangkok (1993) eds. V. Sa-yakanit et al, (World Scientific, Singapore, 1995), pp. 135-143.
179. J. R. Klauder, "Coherent States for Any Discrete Dynamics," Proceedings of the XX ICGTMP Conference, Osaka (World Scientific, Singapore, 1995), pp. 123-130.
180. A. Rubin and J. R. Klauder, "The Comparative Roles of Connected and Disconnected Trajectories in the Evaluation of the Semiclassical Coherent-State Propagator," Annals of Physics **241**, 212-234 (1995).
181. J. R. Klauder, "Poisson Distributions and Nontriviality of φ^4 Theory," Phys. Rev. Lett. **73**, 3051-3054 (1994).

182. J. R. Klauder, “Quantization without Quantization,” Annals of Physics **237**, 147-160 (1995).
183. G. Tulsian and J. R. Klauder, “The Universal Propagator for $E(2)$ Coherent States,” Commun. in Theo. Phys. **4**, 63-90 (1995).
184. C. Zhu and J. R. Klauder, “Operator Analysis of Nonrenormalizable Multi-Component Ultralocal Field Models,” J. Math. Phys. **36**, 4012-4019 (1995).
185. C. Zhu and J. R. Klauder, “Nontrivial Path Integrals for Nonrenormalizable Fields – Multicomponent Ultralocal Models,” J. Math. Phys. **36**, 4020-4027 (1995).
186. P. Garbaczewski, J. R. Klauder, and R. Olkiewicz, “Schrödinger Problem, Levy Processes, and Noise in Relativistic Quantum Mechanics,” Phys. Rev. E **51**, 4114-4131 (1995).
187. J. R. Klauder, “Coherent States in Action”, in Kuala Lampur, Frontiers in Quantum Physics, 1997, pp. 151-159.
188. J. R. Klauder, “Geometric Quantization from a Coherent State Viewpoint”, in Quantization, Coherent States, and Poisson Structures, Ed. A. Strasburger et al, Polish Scientific Publishers PWN, Warsaw, 1998, pp. 59-72.
189. J. R. Klauder, “Isolation and Expulsion of Divergences in Quantum Field Theory”, Int. J. Mod. Phys. B **10**, 1473-1483 (1996).
190. J. R. Klauder, “Is Quantization Geometry?”, Comm. Math. Theo. Phys. **1**, 50-64 (1998). (Proceedings to the “International Conference on 70 Years of Quantum Mechanics and Recent Trends in Theoretical Physics”, Calcutta, India, January, 1996.)
191. J. R. Klauder, “Coherent States for the Hydrogen Atom,” J. Phys. A: Math. Gen. **29**, L293-L298 (1996).
192. R. Alicki and J. R. Klauder, “Quantization of Systems with a General Phase Space Equipped with a Riemannian Metric”, J. Phys. A: Math. Gen. **29**, 2475-2483 (1996).
193. K. A. Muttalib and J. R. Klauder, “Asymptotic Level Spacing Distribution for a q-deformed Random Matrix Ensemble”, J. Phys. A: Math. Gen. **29** 4853-4857 (1996).
194. J. R. Klauder and P. Maraner, “Dynamics as Shadow of Phase Space Geometry”, Annals of Physics. **253**, 356-374 (1997).
195. J. R. Klauder, “Coherent State Quantization of Constraint Systems”, Annals of Physics **254**, 419-453 (1997).
196. J. R. Klauder, “Coherent State Path Integrals for Systems with Constraints”, in *Path Integrals: Dubna ‘96*, Proceedings of the International Seminar “Path Integrals: Theory & Applications” and 5th International Conference on path Integrals from meV to MeV, Dubna, Russia, (Publishing Department, JINR,Dubna, Russia, 1996), pp. 51-60.
197. J. R. Klauder, “New measures for the Quantization of Systems with Constraints”, in *Current Topics in Physics*, Proceedings of the Inauguration Conference of the Asia Pacific Center for Theoretical Physics, Seoul, Korea, (World Scientific, Singapore, 1998), Vol. 2, pp. 796-833.
198. R. R. Sastry and J. R. Klauder, “Discontinuous Perturbations”, Foundations of Physics **27**, 81-91 (1997).
199. J. R. Klauder and S. V. Shabanov, “Coordinate-Free Quantization of First-Class Constrained Systems”, Phys. Let. B **398**, 116-122 (1997).
209. J. R. Klauder, “Universal Procedure for Enforcing Quantum Constraints”, Nucl.Phys. **B547**, 397-412 (1999).
200. J. R. Klauder, “Coherent States and Constrained Systems”, in “New non Perturbative Methods and Quantization on the Light Cone” (Springer Verlag, Les Ulis, 1998), pp. 45-51.
201. J. R. Klauder, “Coherent States and Coordinate-Free Quantization”, Z. Naturforsch. **52**, 70-75 (1997).
202. J. R. Klauder and S. V. Shabanov, “Coordinate-free Quantization of Second-class Constrained Systems”, Nuclear Physics B **511**, 713-736 (1998).
203. G. Junker and J. R. Klauder, “Coherent-State Quantization of Constrained Fermion Systems”, Eur. Phys. J. C **4**, 173-183 (1998).
204. J. R. Klauder, “Understanding Quantization”, Foundations of Physics **27**, 1467-1483 (1997).
205. S, V. Shabanov and J. R. Klauder, “Towards a Nonperturbative Path Integral in Gauge Theories”, Phys. Lett. B **456**, 38-47 (1999).

206. J. R. Klauder, “Wavelets from Coherent States II”, Proceedings of SPIE: Wavelet Applications VI, Vol. 3723, Ed. H. H. Szu, SPIE - The Intenational Society for Optical Engineering, Bellingham, Washington, 1999, pp.44-51.
207. J. P. Gazeau and J. R. Klauder, “Coherent States for Systems with Discrete and Continuous Spectrum”, J. Phys. A: Math. Gen. **32**, 123-132, (1999).
208. K.A. Muttalib and J.R. Klauder, “Generalized Fokker-Planck Equation for Multichannel Disordered Quantum Conductors”, Phys. Rev. Lett. bf 82, 4272-4275 (1999).
209. J. R. Klauder, “Universal Procedure for Enforcing Quantum Constraints”, Nuclear Physics B **547**, 397-412 (1999).
210. J. Govaerts and J. R. Klauder, “Solving Gauge Invariant Systems without Gauge Fixing: The Physical Projector in $0+1$ Dimensional Theories”, Annals of Physics **274**, 251-288 (1999).
211. J. R. Klauder, “Metrical Quantization”, in *Quantum Future*, eds. P. Blanchard and A. Jadczyk, (Springer-Verlag, Berlin, 1999), pp. 129-138.
212. J. R. Klauder, “Coherent State Path Integrals at (Nearly) 40”, in Path Integrals from peV to Tev, (World Scientific, Singapore, 1999), pp. 65-70.
213. J. R. Klauder, “Coherent States for Discrete Spectrum Dynamics”, in Path Integrals from peV to Tev, (World Scientific, Singapore, 1999), pp. 30-34.
214. J. R. Klauder, “Coordinate-free Quantization of Systems with Constraints”, in *Group22: Proceedings of the XXII International Colloquium on Group Theoretical Methods in Physics*, eds. S.P. Corney et al, (International Press, Boston, 1999), pp. 504-508.
215. F. Pan, J. R. Klauder, and J. P. Draayer, “Quasi-exactly Solvable Cases of an N-dimensional Symmetric Decatic Anharmonic Oscillator”, Phys. Lett. A **262**, 131-136 (1999).
216. J. R. Klauder and S. V. Shabanov, “An Introduction to Coordinate Free Quantization and its Application to Constrained Systems”, Mathematical Methods of Quantum Physics, eds. C. C. Bernido et al, (Gordon and Breach Science Publishers, Amsterdam, 1999), pp. 117-130.
217. J. R. Klauder, “Noncanonical Quantization of Gravity. I. Foundations of Affine Quantum Gravity”, J. Math. Phys. **40**, 5860-5882 (1999).
218. J. R. Klauder, “Product Representations and the Quantization of Constrained Systems”, Proc. V. A. Steklov Inst. Math.: Vol. **226**, 212-222 (1999).
219. G. Watson and J. R. Klauder, “Generalized Affine Coherent States: A Natural Framework for the Quantization of Metric-like Variables”, J. Math. Phys. **41**, 8072-8082 (2000).
220. A. Kempf and J. R. Klauder, “On the Implementation of Constraints through Projection Operators”, J. Phys. A: Math. Gen. **34**, 1019-1036 (2001).
221. J. R. Klauder, “Ultralocal Fields and their Relevance for Reparametrization Invariant Quantum Field Theory”, J. Phys.A: Math. Gen. **34** 3277-3288 (2001).
222. J. R. Klauder, “Coherent State Path Integrals *without* Resolutions of Unity”, Found. Phys. **31**, 57-67 (2001).
223. J-P. Antoine, J-P. Gazeau, P. Monceau, J. R. Klauder, and K. A. Penson “Temporally stable coherent states for infinite well and Pöschl-Teller potentials”, J. Math. Phys. **42**, 2349-2386 (2001).
224. J. R. Klauder, K. A Penson, and J.-M. Sixdeniers, “Constructing coherent states through solutions of Stieltjes and Hausdorff moment problems”, Phys. Rev. **64** 013817 1-18, (2001).
225. J. R. Klauder, “Noncanonical Quantization of Gravity. II. Constraints and the Physical Hilbert Space”, J. Math. Phys. **42**, 4440-4464 (2001).
226. J. R. Klauder, “Quantization of Constrained Systems”, Lect. Notes Phys. **572**, 143-182 (2001).
227. J. R. Klauder, “New Measures for the Quantization of Systems with Constraints” in Coherent States, Quantization and Gravity, Eds. M. Schlichenmaier, A. Strasburger, S.T. Ali, and A. Odzijewicz (University of Warsaw Press, Warsaw, 2001), pp. 73 - 80.
228. J.-M. Sixdeniers, K. A Penson, and J. R. Klauder, “Tricomi Coherent States”, Int. J. Mod. Phys. B **15**, 4231-4243 (2001).
229. J. R. Klauder, “Nonrenormalizability and Nontriviality”, in Mathematical Physics and Stochastic Analysis: Essays in Honour of Ludwig Streit, Eds. S. Albeverio et al, (World Scientific, Singapore, 2000), pp.280-284 .

230. B. G. Bodmann and J. R. Klauder, "Path Integral Quantization for a Toroidal Phase Space," in Coherent States, Quantization and Gravity, Eds. M. Schlichenmaier, A. Strasburger, S.T. Ali, and A. Odzijewicz (University of Warsaw Press, Warsaw, 2001), pp. 3 - 10.
231. J. R. Klauder, "The Affine Quantum Gravity Programme", Class. Quant. Grav. **19**, 817-826 (2002).
232. G. Watson and J. R. Klauder, "Metric and Curvature in Gravitational Phase Space", Class. Quant. Grav. **19**, 3617-3623 (2002).
233. B.I. Lev, A.A. Semenov, C.V. Usenko, and J.R. Klauder, "Relativistic coherent states and charge structure of the coordinate and momentum operators", Phys. Rev. A **66**, 022115 (2002).
234. J. R. Klauder, "Phase Space Geometry in Classical and Quantum Mechanics", in Contemporary Problems in Mathematical Physics, (World Scientific, Singapore, 2002), pp. 395-408.
235. J. R. Klauder, "Overcoming Nonrenormalizability", Letters in Math. Phys. **63**, 229-239 (2003).
236. D.-Y. Song and J. R. Klauder, "Generalization of the Darboux transformation and Generalized Harmonic Oscillators", J.Phys. A: Math. Gen. **36**, 8673-8684 (2003).
237. J. R. Klauder, "The Feynman Path Integral: An Historical Slice", in A Garden of Quanta, Eds. J. Arafune, et al (World Scientific, Singapore, 2003), pp. 55-76.
238. J. R. Klauder, "How far apart are Classical and Quantum Systems?", in Squeezed States and Uncertainty Relations (Rinton Press, Princeton, 2003), pp. 180-187.
239. L. Hartmann and J. R. Klauder, "Weak Coherent State Path Integrals", J. Math. Phys. **45**, 87-99 (2004).
240. J. R. Klauder, "Affine Quantum Gravity", Int. Jour. Mod. Phys. D **12**, 1769-1773 (2003).
241. J. R. Klauder, "Wigner, Moyal, and Precursors to Canonical Coherent States", Conference Proceedings of the Wigner Cenntenial Conference, Pecs, Hungary, July 2002.
242. J. R. Klauder, "Overcoming Nonrenormalizability. Part 2", J. Stat. Phys. **116**, 1181-1187 (2004).
243. P. Markos, K. A. Muttalib, P. Wölfle, and J. R. Klauder, "Conductance Distribution in 3D Anderson Insulators: Deviation from Log-normal Form", Europhys. Lett. **68**, 807-873 (2004).
244. J. R. Klauder, "Signal Transmission in Passive Media", IEE Proc.-Radar, Sonar Navig., **152**, 23-28 (2005).
245. K. A. Muttalib and J. R. Klauder, "Family of Solvable Generalized Random Matrix Ensembles with Unitary Symmetry", Phys. Rev. E **71**, 055101 (R) (2005).
246. D. A. Abernethy and J. R. Klauder, "The Distance Between Classical and Quantum Systems", Found. Phys. **35**, 881-895 (2005).
247. J. R. Klauder, "A Coherent Strategy for Quantum Gravity", Procedings of the XXV Int. Coll. Group Theoretical Methods in Physics, Cocoyoc, Mexico, August, 2004, Eds. G. S. Pogosyan, L. E. Vinet, and K. B. Wolf (IOP Publishing, Bristol, UK, 2005), pp. 343-346.
248. J. R. Klauder, "The Utility of Coherent States and other Mathematical Methods in the Foundation of Affine Quantum Gravity", Physics of Atomic Nuclei **68**, 1739-1745 (2005).
249. J. R. Klauder and J. S. Little, "Highly Irregular Quantum Constraints", Class. Quantum Grav. **23**, 3641-3654 (2006).
250. J. R. Klauder, "Attractions of Affine Quantum Gravity", Frontiers of Fundamentals of Physics (Springer, Dordrecht, 2006).
251. H-Y. Fan and J. R. Klauder, "Weyl correspondence, P-represenation as operator Fredholm equations and their solutions", J. Phys. A: Math. Gen. **39**, 10849-10857 (2006).
252. J. R. Klauder, "Overview of Affine Quantum Gravity", Int. J. Geom. Meth. ¡od. Phys. **3**, 81-94 (2006).
253. W. R. Bomstad and J. R. Klauder, "Linearized Quantum Gravity using the Projection Operator Formalism", Class. Quantum Grav. **23**, 5961-5981 (2006).
254. A. Ahmed and J. R. Klauder, "Monte Carlo Calculations for Rapidly Changing Distributions", Journal of Undergraduate Research, Volume 7, Issue 6 - July/August 2006.
255. J. R. Klauder, "Principles of Affine Quantum Gravity", X Marcel Grossmann Meeting on General Relativity, Rio de Janeiro, Brazil, (World Scientific, Singapore, 2006)
256. J. R. Klauder, "What is Nonrenormalizability and What to do About It", X Marcel Grossmann Meeting on General Relativity, Rio de Janeiro, Brazil, (World Scientific, Singapore, 2006)

BOOKS:

1. J. R. Klauder and E. C. G. Sudarshan, "Fundamentals of Quantum Optics" (W.A. Benjamin, Inc., NY, 1968).

1a. J. R. Klauder and E. C. G. Sudarshan, "Fundamentals of Quantum Optics", Russian language translation (Mir, Moscow, 1970).

1b. J. R. Klauder and E. C. G. Sudarshan, "Fundamentals of Quantum Optics" (Dover, Mineola, 2006), paper back edition, reprinted.

2. J. R. Klauder, "Magic Without Magic: John Archibald Wheeler", editor (W. H. Freeman and Co., San Francisco, 1972).

3. J. R. Klauder and B.-S. Skagerstam, "Coherent States: Applications to Physics and Mathematical Physics", editor plus original introduction (World Scientific, Singapore, 1985).

3a. J. R. Klauder and B.-S. Skagerstam, "A Coherent State Primer", Chinese language translation of Introductory Chapter in Book 3 (USTC Publishing Company, Hefei, 1988).

4. J. R. Klauder, "Beyond Conventional Quantization" (Cambridge University Press, Cambridge, 2000).

4a. J. R. Klauder, "Beyond Conventional Quantization" (Cambridge University Press, Cambridge, 2005), paper back edition.