

## PUBLICATIONS, PROFESSOR LOYAL DURAND

### PUBLICATIONS IN REFEREED JOURNALS

1. Analysis of proton--proton scattering data at 300 MeV, M.H. Hull, Jr., J.B. Ehrman, R.D. Hatcher and L. Durand, Phys. Rev. **103**, 1047--1052 (1956).
2. Boundary value treatment of nucleon--nucleon phase shifts, A.M. Saperstein and L. Durand, Phys. Rev. **104**, 1102--1113 (1956)
3. Vacuum polarization effects in proton--proton scattering, L. Durand, Phys. Rev. **108**, 1597--1610 (1957).
4. The effects of vacuum polarization scattering in the treatment of proton--proton scattering data, M. de Wit and L. Durand, Phys. Rev. **111**, 1597--1603 (1958).
5. Tests for the spin in the decay of particles of arbitrary spin, L. Durand, L.F. Landovitz and J. Leitner, Phys. Rev. **112**, 273--282 (1958).
6. Inelastic electron--deuteron scattering cross sections at high energies, L. Durand, Phys. Rev. **115**, 1020--1038 (1959).
7. On the theory of measurement in quantum mechanical systems, L. Durand, Philosophy of Science **27**, 115--133 (1960).
8. Electromagnetic corrections to the decays of the muon,  $O^{14}$ , and the neutron, L. Durand, L.F. Landovitz and R.B. Marr, Phys. Rev. Lett. **4**, 620--624 (1960).
9. On the analytic continuation, multiplication, and Fourier transformation of Schwartz distributions, H.J. Bremermann and L. Durand, J. Math. Phys. **2**, 240--258 (1961).
10. Inelastic electron-deuteron scattering and the electromagnetic structure of the neutron, L. Durand, Phys. Rev. Lett. **6**, 631--634 (1961). Reprinted in *Nuclear and Nucleon Structure*, R. Hofstadter, Editor (W.A. Benjamin, Inc., New York, 1963), pp. 609--612.
11. Inelastic electron-deuteron scattering cross sections at high energies, II; Final state interactions and relativistic corrections, L. Durand, Phys. Rev. **123**, 1393--1422 (1961).
12. Lorentz invariance and the kinematic structure of vertex functions, L. Durand, P. C. DeCelles and R. B. Marr, Phys. Rev. **126**, 1882--1898 (1962).
13. Remarks on the electromagnetic interactions of massless particles, L. Durand, Phys. Rev. **128**, 434--440 (1962).
14. Pionic contributions to the anomalous magnetic moment of the muon, L. Durand, Phys. Rev. **128**, 441--448 (1962).

15. Electromagnetic corrections to weak interactions. The beta decays of the muon, neutron, and  $O^{14}$ , L. Durand, L. F. Landovitz and R. B. Marr, Phys. Rev. **130**, 1188--1209 (1963).
16. Note on high energy diffraction scattering, L. Durand and K. R. Greider, Phys. Rev. **132**, 1217--1225 (1963).
17. Unitarity, absorptive processes, and single particle exchange models at high energies, L. Durand and Y. T. Chiu, Phys. Rev. Lett. **12**, 399--403 (1964); E **13**, 45 (1964).
18. Electron screening corrections to beta decay spectra, L. Durand, Phys. Rev. **135**, B310--313 (1964).
19. Spin correlation phenomena in the reaction  $N_{\bar{a}} + N_b \rightarrow Y_{\bar{c}} + Y_d$ , L. Durand and J. Sandweiss, Phys. Rev. **135**, B540--550 (1964).
20. Inelastic electron--deuteron scattering: Remark on a note of Hölzl and Urban, L. Durand, Phys. Lett. **13**, 184--185 (1964).
21. Single Particle Exchange Models for the Reactions  $\pi p \rightarrow \rho p$ ,  $\bar{p} p \rightarrow Y_{\bar{Y}}$ , and  $np \rightarrow pn$ , L. Durand and Y. T. Chiu, Phys. Rev. **137**, B1530--1534 (1965).
22. The decay of the  $\rho^0$  meson, and the possible existence of a  $T = 0$  scalar dipion, L. Durand and Y. T. Chiu, Phys. Rev. Lett. **14**, 329--332, E680 (1965).
23. Interference between the decays  $\rho^0 \rightarrow \pi^+ + \pi^-$  and  $\omega \rightarrow \pi^+ + \pi^-$  in the reaction  $\pi + N \rightarrow \pi + \pi + N$ , L. Durand and Y. T. Chiu, Phys. Rev. Lett. **14**, 1039--1043 (1965).
24. Absorptive processes and single particle exchange models at high energies, I: General theory, L. Durand and Y. T. Chiu, Phys. Rev. **139**, B646--666 (1965).
25. Coulomb corrections to the beta decay of  $O^{14}$ , F.S. Chen, L. Durand and I. J. McGee, Phys. Rev. **146**, 638--650 (1966).
26. Regge poles in the scattering of particles of unequal mass. Remarks on a paper of Freedman and Wang, L. Durand, Phys. Rev. **154**, 1537--1539 (1967).
27. Subsidiary Regge trajectories with singular residues. Nucleon--nucleon scattering, L. Durand, Phys. Rev. Lett. **18**, 58--62 (1967).
28. Experimental evaluation of quark and Regge pole models for high energy scattering, V. Barger and L. Durand, Phys. Rev. **156**, 1525--1531 (1967).
29. Connection between Regge pole and single particle exchange models for high energy reactions, L. Durand, Phys. Rev. **161**, 1610--1611 (1967).
30. Cross--over and polarization phenomena in high energy scattering. Cuts, conspiracies, and secondary Regge poles, V. Barger and L. Durand, Phys. Rev. Lett. **19**, 1295--1298 (1967).

31. Regge pole models for pion exchange reactions, L. Durand, Phys. Rev. Lett. **19**, 1345--1348 (1967).
32. Regge pole exchange and direct channel resonances in models for high energy scattering amplitudes, L. Durand, Phys. Rev. **166** 1680--1690 (1968).
33. Diffraction model for high energy pp scattering, L. Durand and R. Lipes, Phys. Rev. Lett. **20**, 637--640 (1968).
34. The interference model and finite energy sum rules, V. Barger and L. Durand, Phys. Lett. **26B**, 588--590 (1968).
35. The Lorentz expansion for scattering amplitudes, L. Durand, P. M. Fishbane and L.M. Simmons, Jr., Phys. Rev. Lett. **21**, 1654--1658 (1968).
36. General parameterization of trajectory and residue functions for daughter Regge poles, L. Durand, P. M. Fishbane and L. M. Simmons, Jr., Phys. Rev. Lett. **22**, 261--265, 1342E (1969).
37. S--matrix description of  $K_L$  and  $K_S$  decays, L. Durand and K.W. McVoy, Phys. Rev. Lett. **23**, 59--62 (1969).
38. General form of Regge trajectory and residue functions in the scattering of particles with spin, L. Durand, P. M. Fishbane, S. A. Klein and L. M. Simmons, Jr., Phys. Rev. Lett. **23**, 201--205 (1969).
39. Phenomenology of high energy scattering, L. Durand, Quanta and Fields **1**, 171--232 (1971).
40. Backward pi N scattering. A Regge--pole--cut model without parity doubling, L. Durand and H.M. Lipinski, Phys. Rev. D **3**, 195--198 (1971).
41. Transition radiation from interstellar dust grains, L. Durand, Astrophys. Journal **182**, 417--432 (1973).
42. Transition radiation from ultra relativistic particles, L. Durand, Phys. Rev. D **11**, 89--105 (1975).
43. A resonance--sum model for reggeization in the scattering of particles with arbitrary spin, M. J. King, L. Durand and K. C. Wali, Phys. Rev. D **13**, 1409--1429 (1976).
44. An optical interpretation of polarization parameters, L. Durand and F. Halzen, Nucl. Phys. **B104**, 317--343 (1976).
45. S--matrix treatment of many overlapping resonances, L. Durand, Phys. Rev. D **14**, 3174--3185 (1976).
46. Expansion formulas and addition theorems for Gegenbauer functions, L. Durand, P.M. Fishbane and L.M. Simmons, Jr., J. Math. Phys. **17**, 1933--48 (1976), [Math. Rev. **54**, 10712 (1977)].

47. Energy dependence and scaling of the spin correlation and polarization parameters in elastic proton--proton scattering, L. Durand and F. Halzen, Phys. Rev. D **15**, 352--354 (1977).
48. A symmetrical addition formula for the Laguerre polynomials, L. Durand, SIAM J. Math. Anal. **8**, 341--346 (1977).
49. Inclusive distributions for sequential decay processes, L. Durand, P. M. Fishbane, L. M. Simmons, Jr. and R. Slansky, Phys. Rev. D **15**, 2002--2018 (1977).
50. Product formulas and Nicholson--type integrals for Jacobi functions, I. Summary of results, L. Durand, SIAM J. Math. Anal. **9**, 76--86 (1978), [Math. Rev. **57**, 862 (1979)].
51. Addition formulas for Jacobi, Gegenbauer, Laguerre and hyperbolic Bessel functions of the second kind, L. Durand, SIAM J. Math. Anal. **10**, 425--437 (1979).
52. Functional equations for path--dependent phase factors in Yang--Mills theories, L. Durand and E. Mendel, Phys. Lett. **85B**, 241--245 (1979).
53. Stability and oscillations of a soap film. An analytic treatment, L. Durand, Am. J. Phys. **49**, 334--343 (1981).
54. Duality for heavy quark systems, B. Durand and L. Durand, Phys. Rev. D **23**, 1092--1102 (1981).
55. Duality for heavy quark systems, II. Coupled channels, B. Durand and L. Durand, Phys. Rev. D **23**, 1531--1538 (1981).
56. Duality and corrections to the van Royen--Weisskopf formula, B. Durand and L. Durand, Phys. Lett. **99B**, 425--428 (1981).
57. Relativistic duality, and relativistic and radiative corrections for heavy quark systems, B. Durand and L. Durand, Phys. Rev. D **25**, 2312--2327 (1982).
58. Duality and radiative corrections to leptonic widths in heavy quark systems, B. Durand and L. Durand, Phys. Lett. **113B**, 338--342 (1982).
59. Field-strength formulation of gauge theories. Transformation of the functional integral, L. Durand and E. Mendel, Phys. Rev. D **26**, 1368--1379 (1982).
60. The SVZ method: Why it works and why it fails, B. Durand, L. Durand, and J. B. Whinton, Phys. Lett. **124B**, 410--414 (1983).
61. Analytic solution of the relativistic Coulomb problem for a spinless Salpeter equation, B. Durand and L. Durand, Phys. Rev. D **28**, 396--406 (1983); **50**, 6662(E) (1994).
62. Short-time perturbation theory and nonrelativistic duality, J. B. Whinton, B. Durand, and L. Durand, Phys. Rev. D **28**, 597--606 (1983).
63. The Shifman-Vainshtein-Zakharov method: Why it works, why it fails and ways to improve it,

- L. Durand, B. Durand and J. B. Whittenton, Phys. Rev. D **28**, 607--623 (1983).
64. Lagrangian differentiation, integration, and eigenvalue problems, L. Durand, Lett. Nuovo Cimento **38**, 311--317 (1983).
65. A Salpeter equation in position space. Numerical solution for arbitrary confining potentials, L. J. Nickisch, L. Durand and B. Durand, Phys. Rev. D **30**, 660--670 (1984); **30**, 1995(E) (1984).
66. Field-strength formulation of gauge theories. The Hamiltonian approach in the abelian theory, L. Durand and E. Mendel, Phys. Rev. D **30**, 1754--1762 (1984).
67. Connection of relativistic and nonrelativistic wave functions in the calculation of leptonic widths, B. Durand and L. Durand, Phys. Rev. D **30**, 1904--1915 (1984).
68. Behavior of relativistic wave functions near the origin for a QCD potential, L. Durand, Phys. Rev. D **32**, 1257--1259 (1985).
69. Improved WKB approximation for radial wave functions in several bases, B. Durand and L. Durand, Phys. Rev. A **33**, 2887--2898 (1986).
70. Improved Fermi-Segrè formulas for  $|r^{-L}R_{n,L}(0)|^2$  for singular and nonsingular potentials, B. Durand and L. Durand, Phys. Rev. A **33**, 2899--2906 (1986).
71. Energy and Regge residues in quantum mechanical "QCD" sum rules, B. Durand and L. Durand, Phys. Rev. D **33**, 3341--3448 (1986).
72. QCD and rising cross sections, L. Durand and H. Pi, Phys. Rev. Lett. **58**, 303--306 (1987).
73. Probabilistic derivation of parton splitting functions, L. Durand and W. Putikka, Phys. Rev. D **36**, 2840--2845 (1987).
74. Electron screening corrections to  $0^+ \rightarrow 0^+$  beta decays, L. Durand and J.L. Lopez, Phys. Lett. B **198**, 249--252 (1987).
75. Final state electronic interactions in allowed beta decay, J.L. Lopez and L. Durand, Phys. Rev. C **37**, 535--543 (1988).
76. High energy nucleon-nucleus scattering and cosmic ray cross sections, L. Durand and H. Pi, Phys. Rev. D. **38**, 78--84 (1988).
77. Relativistic description of quark-antiquark bound states. Spin-independent treatment, A. Gara, B. Durand, L. Durand, and L.J. Nickisch, Phys. Rev. D **40**, 843--854 (1989)
78. Upper bounds on the Higgs and top quarks masses in the flipped SU(5) x U(1) superstring model, L. Durand and J. Lopez, Phys. Lett. B **217**, 463--466 (1989).
79. Unitarity constraints on grand unified models, L. Durand and J. Lopez, Phys. Rev. D **40**, 207--222 (1989)
80. Semihard QCD and high energy pp and  $\bar{p}p$  scattering, L. Durand and H. Pi, Phys. Rev. D

**40**, 1436--1445 (1989)

81. One-loop perturbative unitarity and the Higgs boson mass. A new approach, L. Durand, J.M. Johnson, and J.L. Lopez, Phys. Rev. Lett. **64**, 1215--1218 (1990).
82. Ultra-high-energy photonuclear cross sections, R. Gandhi, I. Sarcevic, A. Burrows, L. Durand, and H. Pi, Phys. Rev. D (Rapid Communications) **42**, 263--267 (1990).
83. Matrix methods for the numerical solution of relativistic wave equations, L. Durand and A. Gara, J. Math. Phys. **31**, 2237--2243 (1990).
84. Relativistic description of quark - antiquark bound states. II. Spin-dependent treatment, A. Gara, B. Durand, and L. Durand, Phys. Rev. D **42**, 1651--1660 (1990); **43**, 2447(E) (1991).
85. Meson-proton scattering at high energies, L. Durand and H. Pi, Phys. Rev. D **43**, 2125--2130 (1991).
86. Classical impulse approximation for the electron loss from H(1s) or H<sup>-</sup> projectiles passing through various gas targets, K. Riesselmann, C.J. Anderson, L.W. Anderson, and L. Durand, Phys. Rev. A **43**, 5934--5945 (1991).
87. Implications of unitarity for low energy  $W_L^{+-}$ ,  $Z_L$  scattering, L. Durand, J.M. Johnson, and P.N. Maher, Phys. Rev. D **44**, 127--138 (1991).
88. Perturbative unitarity and high-energy  $W_L^{+-}$ ,  $Z_L$ , H scattering. One-loop corrections and the Higgs boson coupling, L. Durand, J.M. Johnson, and J.L. Lopez, Phys. Rev. D **45**, 3112--3127 (1992).
89. Jets and jet multiplicities in high-energy photon-nucleon interactions, L. Durand, K. Honjo, R. Gandhi, H. Pi, and I. Sarcevic, Phys. Rev. D **47** (Rapid Communications) R4815--4819 (1993); **48**, 3410(E) (1993).
90. High-energy photon-nucleon and photon-nucleus cross sections, K. Honjo, L. Durand, R. Gandhi, H. Pi, and I. Sarcevic, Phys. Rev. D **48**, 1048--1060 (1993).
91. Two-loop renormalization constants and high-energy  $2 \rightarrow 2$  scattering amplitudes in the Higgs sector of the standard model, P.N. Maher, L. Durand, and K. Riesselmann, Phys. Rev. D **48**, 1061--1083 (1993); **52**, 553--555(E)(1995).
92. Two-loop unitarity constraints on the Higgs-boson coupling, L. Durand, P.N. Maher, and K. Riesselmann, Phys. Rev. D **48**, 1084--1096 (1993).
93. Onset of strong interactions in the Higgs sector of the standard model:  $H \rightarrow f\bar{f}$  at two loops, L. Durand, B.A. Kniehl, and K. Riesselmann, Phys. Rev. Lett. **72**, 2534--2537 (1994); **74**, 1699(E)(1995).
94. Two-loop  $O(G_F^2 M_H^4)$  corrections to the fermionic decay rates of the Higgs boson, L. Durand, B.A. Kniehl, and K. Riesselmann, Phys. Rev. D **51**, 5007--5015 (1995).

95. Test of the Goldstone-boson approximation with fermions, L. Durand and K. Riesselmann, Phys. Rev. D **55**, 1533--1547 (1997).
96. Chiral perturbation theory analysis of the baryon magnetic moments revisited, L. Durand and Phuoc Ha, Phys. Rev. D **58**, 013010 (1998).
97. Baryon magnetic moments in a QCD-based quark model with loop corrections, Phuoc Ha and L. Durand, Phys. Rev. D **58** 093008 (1998).
98. Perturbative stability of the Padé-summed Higgs-boson coupling in the standard electroweak model, L. Durand and G. Jaczko, Phys. Rev. D **58**, 113002 (1998).
99. Understanding the success of nonrelativistic potential models for relativistic quark-antiquark bound states, G. Jaczko and L. Durand, Phys. Rev. D **58**, 114017 (1998).
100. Baryon masses in chiral perturbation theory with form factor, Phuoc Ha and Loyal Durand, Phys. Rev. D **59**, 076001 (1999).
101. Effective field theory and the quark model, Loyal Durand, Phuoc Ha, and Gregory Jaczko, hep-ph/0101267, Phys. Rev. D **64**, 014008 (2001).
102. Effective field theory and the quark model II. Structure of loop corrections, Loyal Durand, Phuoc Ha, and Gregory Jaczko, hep-ph/0104197, Phys. Rev. D **65**, 034019 (2002); 099904(E).
103. Light meson masses and mixings, Loyal Durand, hep-ph/0105310.
104. Fractional operators and special functions. I Bessel functions, Loyal Durand, math-ph/212018, J. Math. Phys. **44**, 2250-2265 (2003).
105. Fractional operators and special functions. II. Legendre functions, Loyal Durand, math-ph/0212019, J. Math. Phys. **44**, 2266-2292 (2003).
106. Analysis of dynamical corrections to baryon magnetic moments, P. Ha and Loyal Durand, hep-ph/0212381, Phys. Rev. D. **67**, 073017 (2003).
107. Fermi and Bose pressures in statistical mechanics, Loyal Durand, physics/0307118, Am. J. Phys. **72**, 1082-1094 (2004).
108. Electromagnetic corrections to baryon masses, Loyal Durand and Phuoc Ha, hep-ph/0502090, Phys. Rev. D. **71**, 073015 (2005).
109. On an identity for the volume integral for the square of a vector field. Remark on a paper by A.M. Stewart, Loyal Durand, physics/0611202, Am. J. Phys. (to be published)

## BOOKS

1. *High Energy Physics, 1980 (XX International Conference, Madison, Wisconsin)*, L. Durand and L. G. Pondrom, editors, American Institute of Physics Conference Proceedings No. 68, AIP, 1981, 1622 pp.

2. *Encyclopedia of Science and Technology* (McGraw-Hill, New York, 1984), entry on the scattering matrix.
3. *Second Aspen Winter Particle Physics Conference*, L. Durand, editor, *Annals of the New York Academy of Science* **490**, 1987, 309 pp.

## **PUBLICATIONS IN CONFERENCE PROCEEDINGS (INVITED PAPERS)**

1. Helicity representation for angular momentum, L. Durand, in *Lectures in Theoretical Physics*, Vol. 4, edited by W. E. Brittin (Interscience Publishers, Inc., New York, 1962), pp. 542--570 (Invited lectures at Boulder summer school, 1961).
2. Theory of electron-deuteron scattering, L. Durand, in *Nuclear Structure, Proceedings of the International Conference at Stanford University, 1963*, edited by R. Hofstadter and L. I. Schiff (Stanford University Press, Stanford, 1964), pp. 28--41.
3. Absorptive processes and single particle exchange models at high energies, L. Durand and Y. T. Chiu, in *Lectures in Theoretical Physics, Vol. VII B*, edited by W. E. Brittin and L. Marshall (University of Colorado Press, Boulder, 1965), pp. 206--235. (Invited lectures at the Boulder summer school, 1964).
4. Review of Reggeism, L. Durand, in *Proceedings of the Boulder Conference on High Energy Physics*, Colorado Associated University Press, Boulder, 1970, pp. 421--453.
5. Nicholson-type integrals for products of Gegenbauer functions and related topics, L. Durand, in *Theory and Applications of Special Functions*, edited by R. Askey (Academic Press, New York, 1976), pp. 353--374 (Invited talk, Advanced Seminar on Special Functions, April, 1975); [Math. Rev. 53, 13679 (1977)].
6. Spin-orbit interaction model for polarization and spin correlation parameters in elastic nucleon-nucleon scattering, L. Durand, in *Proceedings of the Argonne Symposium on High Energy Physics with Polarized Beams and Targets*, American Institute of Physics Conference Proceedings No. 35, pp. 31--42 (1976).
7. Gauge theories and phase factors in the coordinate gauge, L. Durand and E. Mendel, in *Proceedings of the Second Chilean Symposium on Theoretical Physics* (presented by E. Mendel).
8. Lagrangian differentiation, Gauss-Jacobi integration, and Sturm-Liouville eigenvalue problems, L. Durand, in *Polynômes Orthogonaux et Applications, Bar-le-Duc 1984*, edited by C. Brezinski et al. (Springer Verlag, 1985), pp. 331--339.
9. Saturation and nonlinear evolution of parton distribution functions at small  $x$ , L. Durand, in *Design and Utilization of the SSC. Snowmass 1984*, pp. 256.
10. Saturation of semihard processes and limits on parton models for hadronic interactions, L. Durand, in *Design and Utilization of the SSC. Snowmass 1984*, pp. 258.

11. QCD and rising total cross sections, L. Durand and Pi Hong, in *Physics Simulations at High Energies*, edited by V. Barger, T. Gottschalk, and F. Halzen (World Scientific, Singapore, 1987), pp. 166--177.
12. QCD, rising cross sections, and minijets, L. Durand, in *Hadrons, Quarks, and Gluons*, edited by J. Tr<sup>^</sup>an Thanh V<sup>^</sup>an (Editions Fronti`eres, Gif-s<sup>^</sup>ur-Yvette, France, 1987), pp. 253--259.
13. Rising cross sections, minijets, and fluctuations in QCD-based models for pp and bar pp collisions, L. Durand and H. Pi, in *Multiparticle Production, Proceedings of the Shandong Workshop*, edited by R. C. Hwa and Q.-B. Xie (World Scientific, 1988), pp. 298--319.
14. Semihard QCD and high energy scattering, L. Durand and H. Pi, in *Elastic and Diffractive Scattering---The Interface of Soft and Hard Processes in QCD*, edited by M.M. Block and A.R. White, Nucl. Phys. B (Proc. Suppl.) **12** (1990), pp. 379--391.
15. Two-loop unitarity constraints on the Higgs-boson mass, L. Durand, P.N. Maher, and K. Riesselmann, in *Proceedings of the Fermilab Meeting, DPF92*, edited C.H. Albright, P.H. Kasper, R. Raja, and J. Yoh, (World Scientific, Singapore, 1993), p. 481.
16. Minijet model for high-energy gamma p cross sections, L. Durand, in *International Conference on Elastic and Diffractive Scattering*, edited by H.M. Fried, K. Kang, and C.-I. Tan (World Scientific, Singapore, 1994), pp. 82--86.
17. Protoproduction cross sections at HERA energies, L. Durand, K. Honjo, R. Gandhi, H. Pi, and I. Sarcevic, in *Proceedings of the Workshop on Physics at Current Accelerators and Supercolliders*, Argonne National Laboratory, 1993, p. 609.
18. Kinematic probes of neutrino mass, The N1 Working Group, E. Adelburger et al., Proceedings of the 1994 Snowmass Workshop (to be published)
19. Baryon moments in a QCD-based model, L. Durand and P. Ha, hep-ph/9609495, in *Quark Confinement and the Hadron Spectrum II*, edited by N. Brambilla and G. Proserpi (World Scientific, 1997), pp. 33162.-341.
20. A loop expansion method for the baryon magnetic moments in a QCD-based quark model, Phuoc Ha and L. Durand, '98 QCD and High Energy Hadronic Interactions, *Proceedings of the XXXIIIrd Rencontres de Moriond*, edited by J. Tr<sup>^</sup>an Thanh V<sup>^</sup>an (Editions Frontieres, Paris, 1998), pp. 615-620.
21. The quark model and effective field theory, P. Ha, L. Durand, and G. Jaczko, *Proceedings of the XIth Rencontres de Blois*, edited by J. Tran Thanh Van (The Gioi Publishers, Vietnam, 1999), p. 311.

[Back to LDurand's home page](#)