

Richard Henry Dalitz

Bibliography

Richard Henry Dalitz—Bibliography

by I.J.R. Aitchison, F.E. Close, A. Gal and D.J. Millener

1. R.H. Dalitz, Some mathematical aspects of compressible flow, Australian Council for Aeronautics Report (ACA-20, Melbourne, January 1946) 39 pp.
2. R.H. Dalitz, On higher Born approximations in potential scattering, Proc. Roy. Soc. A 206 (1951) 509-520.
3. R.H. Dalitz, On radiative corrections to the angular correlation in internal pair creation, Proc. Roy. Soc. A 206 (1951) 521-538.
4. R.H. Dalitz, On an alternative decay process for the neutral π -meson, Letters to the Editor, Proc. Phys. Soc. A 64 (1951) 667-669.
5. R.H. Dalitz, D.G. Ravenhall, On the Tomanaga method for intermediate coupling in meson field theory, Phil. Mag. 42 (1951) 1378-1383.
6. R.H. Dalitz, On polarized particle beams, Proc. Phys. Soc. A 65 (1952) 175-178.
7. R.H. Dalitz, Some features of the deuteron stripping process, Proc. Phys. Soc. A 66 (1953) 28-32.
8. R.H. Dalitz, The decay of the τ -meson, Proc. Phys. Soc. A 66 (1953) 710-713.
9. R.H. Dalitz, The modes of decay of the tau-meson, in *Proc. Third Int'l Conf. Cosmic Rays, Bagnères-de-Bigorre, France 1953*, pp. 236-239.
10. R.H. Dalitz, On the analysis of τ -meson data and the nature of the τ -meson, Phil. Mag. 44 (1953) 1068-1080.
11. R.H. Dalitz, Decay of τ mesons of known charge, Phys. Rev. 94 (1954) 1046-1051.
12. R.H. Dalitz, The Sachs exchange moment, Phys. Rev. 95 (1954) 799-800.
13. R.H. Dalitz, The analysis of τ -meson decay, in *Proc. 4th Annual Rochester Conf. High Energy Nuclear Physics, Rochester 1954*, eds. H.P. Noyes, E.M. Hafner, J. Klarmann, A.E. Woodruff (Interscience, New York, 1954) pp. 83-84.
14. R.H. Dalitz, F.J. Dyson, Renormalization of the new Tamm-Dancoff theory of meson-nucleon scattering, Phys. Rev. 99 (1955) 301-314.
15. R.H. Dalitz, Radiative τ -meson decay, Phys. Rev. 99 (1955) 915-920.
16. R.H. Dalitz, Charge independence in light hyperfragments, Phys. Rev. 99 (1955) 1475-1477.
17. M.H. Kalos, R.H. Dalitz, Pion-nucleon scattering calculations in the Tamm-Dancoff theory, Phys. Rev. 100 (1955) 1515-1522.
18. R.H. Dalitz, Meson phenomena and the meson theory, Prog. Nucl. Phys. 4 (1955) 95-141.
19. R.H. Dalitz, Analysis of τ meson decays, in *Proc. 5th Annual Rochester Conf. High Energy Nuclear Physics, Rochester 1955*, eds. H.P. Noyes, E.M. Hafner, G. Yekutieli, B.J. Raz (Interscience, New York, 1955) pp. 140-142.
20. L. Castillejo, R.H. Dalitz, F.J. Dyson, Low's scattering equation for the charged and neutral scalar theories, Phys. Rev. 101 (1956) 453-458.
21. R.H. Dalitz, Isotopic spin changes in τ and θ decay, Proc. Phys. Soc. A 69 (1956) 527-540.
22. R.H. Dalitz, M.K. Sundaresen, H.A. Bethe, A singular integral equation in the theory of meson nucleon scattering, Proc. Cambridge Phil. Soc. 52 (1956) 251-272.
23. R.H. Dalitz, Nature of the Λ^0 -nucleon force from binding energies of light hyperfragments, in *Proc. 6th Annual Rochester Conf. High Energy Nuclear Physics, Rochester 1956*, eds. J. Ballam, V.L. Fitch, T. Fulton, K. Huang, R.R. Rau, S.B. Treiman (Interscience, New York, 1956) pp. V 40-43.

Richard Henry Dalitz

24. R.H. Dalitz, Present status of τ spin-parity, in *Proc. 6th Annual Rochester Conf. High Energy Nuclear Physics, Rochester 1956*, eds. J. Ballam, V.L. Fitch, T. Fulton, K. Huang, R.R. Rau, S.B. Treiman (Interscience, New York, 1956) pp. VIII 19-23.
25. R.H. Dalitz, D.R. Yennie, Pion production in electron-proton collisions, *Phys. Rev.* 105 (1957) 1598-1615.
26. R.H. Dalitz, K -mesons and hyperons: their strong and weak interactions, *Rep. Prog. Phys.* 20 (1957) 163-303.
27. R.H. Dalitz, Eight lectures concerning the strong interactions of strange particles, given at Brookhaven National Laboratory, July-August 1957 (BNL-3405, Upton, 1957) 72 pp.
28. R.H. Dalitz, Theoretical interpretation of π production, in *Proc. 7th Annual Rochester Conf. High Energy Nuclear Physics, Rochester 1957*, eds. G. Ascoli, G. Feldman, L.J. Koester, R. Newton, W. Riesenfeld, M. Ross, R.G. Sachs (Interscience, New York, 1957) pp. II 61-64.
29. R.H. Dalitz, Theoretical analysis of hyperfragments, in *Proc. 7th Annual Rochester Conf. High Energy Nuclear Physics, Rochester 1957*, eds. G. Ascoli, G. Feldman, L.J. Koester, R. Newton, W. Riesenfeld, M. Ross, R.G. Sachs (Interscience, New York, 1957) pp. VIII 12-14.
30. R.H. Dalitz, B.W. Downs, Remarks on the hypertriton, *Phys. Rev.* 110 (1958) 958-965.
31. R.H. Dalitz, B.W. Downs, Hypernuclear binding energies and the Λ -nucleon interaction, *Phys. Rev.* 111 (1958) 967-986.
32. R.H. Dalitz, Parity nonconservation in the decay of free and bound Λ particles, *Phys. Rev.* 112 (1958) 605-613.
33. R.H. Dalitz, Strange particle interactions - theoretical, in *Proc. 1958 Annual Int'l Conf. High Energy Physics, CERN*, ed. B. Ferreti (CERN, Geneva, 1958) pp. 187-203.
34. B.W. Downs, R.H. Dalitz, Analysis of the Λ -hypernuclear three-body systems, *Phys. Rev.* 114 (1959) 593-602.
35. R.H. Dalitz, S.F. Tuan, A possible resonant state in pion-hyperon scattering, *Phys. Rev. Lett.* 2 (1959) 425-428.
36. R.H. Dalitz, Strange particle decay processes and the Fermi interaction, *Rev. Mod. Phys.* 31 (1959) 823-833.
37. R.H. Dalitz, S.F. Tuan, The energy dependence of low energy K^- -proton processes, *Ann. Phys.* 8 (1959) 100-118.
38. R.H. Dalitz, L. Liu, Pionic decay modes of light Λ hypernuclei, *Phys. Rev.* 116 (1959) 1312-1321.
39. R.H. Dalitz, The decay of strange particles, in *Weak Interactions, Proc. Int'l School of Physics "Enrico Fermi", Course XI, 1959*, ed. L.A. Radicati (Nicola Zanichelli, Bologna, 1960) pp. 299-335.
40. R.H. Dalitz, Hyperfragments and hyperon-nucleon interaction, in *Proc. Ninth Int'l Annual Conf. High Energy Physics, Kiev 1959* (Academy of Sciences USSR, Moscow, 1960) Vol. 1, pp. 587-606.
41. R.H. Dalitz, Elementary particle physics today, *Nucleus* (Sydney) 6(2) (1960) 15-20.
42. R.H. Dalitz, S.F. Tuan, The phenomenological description of \bar{K} -nucleon reaction processes, *Ann. Phys.* 10 (1960) 307-351.
43. R.H. Dalitz, \bar{K} -nucleon bound-state interpretation of the 1385-Mev π - Λ resonance, *Phys. Rev. Lett.* 6 (1961) 239-241.
44. R.H. Dalitz, D.H. Miller, Bose statistics and Y^* production and decay in K^- - p collisions, *Phys. Rev. Lett.* 6 (1961) 562-567.
45. R.H. Dalitz, On the strong interactions of the strange particles, *Rev. Mod. Phys.* 33 (1961) 471-492.
46. R.H. Dalitz, Hypernuclei and hyperon-nucleon interaction, in *Proc. Rutherford Jubilee Int'l Conf., Manchester 1961*, ed. J.B. Birks (Heywood, London, 1961) pp. 103-137.
47. R.H. Dalitz, Three lectures on elementary particle resonances, given at Brookhaven National Laboratory, 13-15 December, 1961 (BNL-735 (T-264), Upton, 1962) 96 pp.

Richard Henry Dalitz

48. R.H. Dalitz, Some topics in strange particle physics, in *The Aix-en-Provence Int'l Conf. Elementary Particles, 1961*, eds. E. Cremieu-Alcan, P. Falk-Vairant, O. Lebey (C.E.N., Saclay, 1962) Vol. 2, pp. 151-175.
49. R.H. Dalitz, Strange Particles and Strong Interactions (Oxford University Press, London, 1962) 187 pp.
50. R.H. Dalitz, G. Rajasekharan, The spins and lifetimes of the light hypernuclei, *Phys. Lett.* 1 (1962) 58-60.
51. R. Chand, R.H. Dalitz, Charge-independence in K^- -deuterium capture reactions, *Ann. Phys.* 20 (1962) 1-19.
52. R.H. Dalitz, Lectures on the properties and the symmetry theories of the resonant states, delivered at the *Summer School in Theoretical Physics, 1962, Bangalore*, notes taken by S.N. Biswas, V. Gupta (Tata Inst. Fundamental Research, Bombay, 1962) 112 pp.
53. R.H. Dalitz, The pion-hyperon couplings, the $\bar{K}N$ interactions, and the Y^* resonant states, in *Proc. Int'l Conf. High-Energy Physics at CERN*, ed. J. Prentki (CERN, Geneva, 1962) pp. 391-401.
54. R.H. Dalitz, Strange-particle resonant states, *Annu. Rev. Nucl. Sci.* 13 (1963) 339-430.
55. R.H. Dalitz, R. Levi Setti, Some possibilities for unusual light hypernuclei, *Nuovo Cimento* 30 (1963) 489-501.
56. M.M. Block, R.H. Dalitz, Structure of the weak interaction $\Lambda + N \rightarrow N + N$, *Phys. Rev. Lett.* 11 (1963) 96-100.
57. R.H. Dalitz, The hypernucleus ${}^8_\Lambda\text{Li}$ and the decay process ${}^8_\Lambda\text{Li} \rightarrow \pi^- + {}^4\text{He} + {}^4\text{He}$, *Nucl. Phys.* 41 (1963) 78-91.
58. R.H. Dalitz, The $\Lambda\Lambda$ -hypernucleus and the $\Lambda - \Lambda$ interaction, *Phys. Lett.* 5 (1963) 53-56.
59. R.H. Dalitz, G. Rajasekaran, Resonance poles and mass differences within unitary multiplets, *Phys. Lett.* 7 (1963) 373-377.
60. R.H. Dalitz, The systematics of baryon and meson states, in *Proc. Athens Topical Conf. on Recently Discovered Resonant Particles*, ed. B.A. Munir (Ohio University, Athens, 1963) 32 pp.
61. R.H. Dalitz, Particles, isobars and unitary symmetry, in *Proc. Sienna Int'l Conf. on Elementary Particles*, eds. G. Bernardini, G. Puppi (Italian Physical Society, Bologna, 1963) Vol. 2, pp. 171-187.
62. R.H. Dalitz, The $\Delta I = 1/2$ rule for non-leptonic strangeness-changing decay processes, in *Proc. Int'l Conf. Fundamental Aspects of Weak Interactions, Brookhaven National Laboratory, September 1963*, eds. G.C. Wick, W.J. Willis (BNL-837 (C-39), Upton, 1964) pp. 378-409.
63. R.H. Dalitz, The strong and weak interactions of bound Λ particles, in *Proc. Int'l Conf. Hyperfragments, St. Cergue 1963*, ed. W.O. Lock (CERN Report 64-1, Geneva, 1964) pp. 147-172.
64. R.H. Dalitz, The outlook in hypernuclear physics, in *Proc. Int'l Conf. Hyperfragments, St. Cergue 1963*, ed. W.O. Lock (CERN Report 64-1, Geneva, 1964) pp. 201-214.
65. R.H. Dalitz, G. Rajasekaran, The binding of $\Lambda\Lambda$ -hypernuclei, *Nucl. Phys.* 50 (1964) 450-464.
66. R.H. Dalitz, F. von Hippel, Electromagnetic $\Lambda - \Sigma^0$ mixing and charge symmetry for the Λ -hyperon, *Phys. Lett.* 10 (1964) 153-157.
67. R.H. Dalitz, F. von Hippel, The charge-exchange contributions to π^+ emission in hypernuclear decay, *Nuovo Cimento* 34 (1964) 799-806.
68. R.H. Dalitz, Properties of the weak interactions, in *Weak Interactions and High-Energy Neutrino Physics, Proc. Int'l School of Physics "Enrico Fermi", Course XXXII, 1964*, ed. T.D. Lee (Academic Press, New York, 1966) pp. 206-270.
69. R.H. Dalitz, The production and decay of resonant states, in *Strong Interactions, Proc. Int'l School of Physics "Enrico Fermi", Course XXXIII, 1964*, ed. L.W. Alvarez (Academic Press, New York, 1966) pp. 141-188.
70. R.H. Dalitz, Nuclear Interactions of the Hyperons (Oxford University Press, London, 1965) 106 pp.
71. R.H. Dalitz, Weak interactions of the muon, *Proc. Roy. Soc. A* 285 (1965) 229-247.
72. R.H. Dalitz, Deviations from unitary symmetry for resonant states, *Proc. Roy. Soc. A* 288 (1965) 183-199.

Richard Henry Dalitz

73. R.H. Dalitz, D.G. Sutherland, $X^0 - \eta$ mixing and some radiative meson decay processes, *Nuovo Cimento* 37 (1965) 1777-1784; Erratum, *Nuovo Cimento* 38 (1965) 1945.
74. R.H. Dalitz, T.W. Thacker, Electromagnetic radii of ${}^3\text{H}$ and ${}^3\text{He}$, *Phys. Rev. Lett.* 15 (1965) 204-207; Erratum, *Phys. Rev. Lett.* 15 (1965) 334.
75. R.H. Dalitz, R.G. Moorhouse, The P_{11} pion-nucleon phase shift - a resonant state at 1400 MeV?, *Phys. Lett.* 14 (1965) 159-162; Erratum, *Phys. Lett.* 14 (1965) 356.
76. R.H. Dalitz, Quark models for the ‘Elementary Particles’, in *High Energy Physics, Les Houches 1965*, eds. C. DeWitt, M. Jacob (Gordon and Breach, New York, 1965) pp. 251-323.
77. R.H. Dalitz, Hypernuclear interactions, in *Proc. Topical Conf. on the use of Elementary Particles in Nuclear Research, Brussels 1965*, (IISN Univ. Libre de Bruxelles, Brussels, 1966) pp. 293-370.
78. R.H. Dalitz, Resonant states and strong interactions, in *Proc. Oxford Int'l Conf. Elementary Particles, 1965*, eds. R.G. Moorhouse, A.E. Taylor, T.R. Walsh (Rutherford High Energy Laboratory, Chilton, 1966) pp. 157-181.
79. M. Rayet, R.H. Dalitz, Lifetime of ${}^3\Lambda\text{H}$, *Nuovo Cimento A* 46 (1966) 786-794.
80. R.H. Dalitz, Introductory remarks on study of pion-nucleon interaction, *Proc. Roy. Soc. A* 289 (1966) 442-448.
81. R.H. Dalitz, D.G. Sutherland, M1 photo-excitation $N \rightarrow N^*$ and SU(6) symmetry, *Phys. Rev.* 146 (1966) 1180-1185.
82. R.H. Dalitz, Constraints on the statistical tensor for low-spin particles produced in strong interaction processes, *Nucl. Phys.* 87 (1966) 89-99.
83. R.H. Dalitz, Baryonic resonances, in *Proc. 1966 Midwest Conf. Theoretical Physics, Indiana University*, ed. D.B. Lichtenberg (Indiana University, Bloomington, 1966) pp. 94-117.
84. R.H. Dalitz, Symmetries and strong interactions, in *Proc. XIII Int'l Conf. High Energy Physics, Berkeley 1966*, ed. M. Alston-Garnjost (University of California Press, Berkeley and Los Angeles, 1967) pp. 215-236.
85. R.H. Dalitz, Hypernuclear physics, in *Interaction of High-Energy Particles with Nuclei, Proc. Int'l School of Physics “Enrico Fermi”, Course XXXVIII, 1966*, ed. T.E.O. Ericson (Academic Press, New York, 1967) pp. 89-131.
86. R.H. Dalitz, Quark substructure for mesonic and baryonic states, in *Proc. Liperi Summer School in Theoretical Physics, 1966*, ed. N. Mustelin, Vol. A: Elementary Particle Physics (Research Inst. Theor. Phys. University of Helsinki, Helsinki, 1967) pp. 170-263.
87. R.H. Dalitz, Quark substructure for mesonic and baryonic states, in *1966 Tokyo Summer Lectures in Theoretical Physics: Part II, Elementary Particle Physics*, eds. G. Takeda, A. Fujii (Syokabo, Tokyo; and W.A. Benjamin, New York, 1967) pp. 56-105.
88. R.H. Dalitz, Some polarized target experiments for elementary physics, in *Proc. Int'l Conf. on Polarized Targets and Ion Sources, Saclay 1966* (C.E.N., Saclay, 1967) pp. 261-272.
89. R.H. Dalitz, A. Gal, Isomeric states in ${}^7\Lambda\text{He}$, *Nucl. Phys. B* 1 (1967) 1-6.
90. R.H. Dalitz, T.C. Wong, G. Rajasekaran, Model calculation for $Y_0^*(1405)$ resonance state, *Phys. Rev.* 153 (1967) 1617-1623.
91. R.H. Dalitz, Some problems with the quark model for elementary particles, in *Methods and Problems in Theoretical Physics, in Honour of R.E. Peierls, Birmingham 1967*, ed. J.E. Bowcock (North Holland, Amsterdam, 1970) pp. 343-380.
92. R.H. Dalitz, Excited baryons and the baryonic supermultiplets, in *Pion Nucleon Scattering, Proc. Irvine 1967*, eds. G.L. Shaw, D.Y. Wong (Wiley, New York, 1969) pp. 187-207; and in *Developments in the Quark Theory of Hadrons, Vol. 1: 1964-1978*, eds. D. B. Lichtenberg, S. P. Rosen (Hadronic Press, Nonantum USA, 1980) pp. 316-336.

Richard Henry Dalitz

93. R.H. Dalitz, Hadron spectroscopy, in *Proc. II Hawaii Topical Conf. Particle Physics, 1967*, eds. S. Pakvasa, S.F. Tuan (University of Hawaii Press, Honolulu, 1968) pp. 325-466.
94. L. Lovitch, S. Rosati, R. Dalitz, The stability of ${}^6\Lambda$ Li, *Nuovo Cimento A* 53 (1968) 301-308; Erratum, *Nuovo Cimento A* 53 (1968) 1059.
95. R.H. Dalitz, Mesonic resonance states, in *Meson Spectroscopy, Proc. Conf. Philadelphia 1968*, eds. C. Baltay, H.A. Rosenfeld (Benjamin, New York, 1968) pp. 497-584.
96. R.H. Dalitz, Quarks, the hadronic sub-units? in *Contemporary Physics: Trieste Symposium 1968*, eds. L. Fonda, A. Salam (IAEA, Vienna, 1969) Vol. II, pp. 219-247.
97. R.H. Dalitz, Some nuclear aspects of Λ -hypernuclear physics, in *Nuclear Physics, Proc. 1968 Les Houches Summer School of Theoretical Physics*, eds. C. DeWitt, V. Gillet (Gordon and Breach, New York, 1969) pp. 701-787.
98. R.H. Dalitz, The present problems and future outlook in Λ -hypernuclear physics, in *Proc. Int'l Conf. Hypernuclear Physics, ANL 1969*, eds. A.R. Bodmer, L.G. Hyman (ANL, 1969) 708-747.
99. R.H. Dalitz, Some comments on the quark model, concluding lecture, in *Symmetries and Quark Models, Proc. Int'l Conf. Wayne State Univ., Detroit 1969*, ed. R. Chand (Gordon and Breach, New York, 1970) pp. 355-401.
100. R.H. Dalitz, Parity, charge conjugation, and time reversal, in *Proc. Int'l Mendeleev Congress, Turin 1969*, ed. M. Verde (Vincenzo Bona, 1971) pp. 341-375.
101. R.H. Dalitz, Survey of the quark model for hadronic states, in *Proc. X Cracow School of Theoretical Physics, Zakopane 1970* (Report INP-713, Cracow, 1970) Vol. II, pp. 1-5.
102. R.H. Dalitz, Introductory remarks concerning duality, *Proc. Roy. Soc. A* 318 (1970) 245-255.
103. R.H. Dalitz, R.G. Moorhouse, What is resonance? *Proc. Roy. Soc. A* 318 (1970) 279-298.
104. A. Gal, J.M. Soper, R.H. Dalitz, Shell-model analysis of Λ binding energies for p-shell hypernuclei. I. Basic formulas and matrix elements for ΛN and ΛNN forces, *Ann. Phys.* 63 (1971) 53-126.
105. J.T. Londergan, R.H. Dalitz, Spin-orbit coupling for $\Lambda - {}^4\text{He}$ scattering using a one-boson-exchange model for the ΛN interaction, *Phys. Rev. C* 4 (1971) 747-764.
106. R.H. Dalitz, Low energy hadron spectroscopy, in *Proc. Amsterdam Int'l Conf. Elementary Particles 1971*, eds. A.G. Tenner, M.J.G. Veltman (North-Holland, Amsterdam, 1972) pp. 201-264.
107. A. Gal, J.M. Soper, R.H. Dalitz, Shell-model analysis of Λ binding-energies for p-shell hypernuclei. II. Numerical fitting, interpretation, and hypernuclear predictions, *Ann. Phys.* 72 (1972) 445-488.
108. J.T. Londergan, R.H. Dalitz, Spin-orbit coupling for $\Lambda - {}^4\text{He}$ scattering using a one-boson-exchange model for the ΛN interaction. II., *Phys. Rev. C* 6 (1972) 76-86.
109. R.H. Dalitz, R.C. Herndon, Y.C. Tang, Phenomenological study of s-shell hypernuclei with ΛN and ΛNN potentials, *Nucl. Phys. B* 47 (1972) 109-137.
110. R.H. Dalitz, Relativistic systems and the Glauber theory of high energy scattering in the quark model, Summary of lectures, in *Proc. XII Cracow School of Theoretical Physics, Zakopane 1972* (Report INP-806, Cracow, 1972) pp. 83-86.
111. R.H. Dalitz, Baryon spectroscopy with the quark model, in *Baryon Resonances - 73, Proc. Conf. Purdue University*, ed. E.C. Fowler (Purdue University, West Lafayette, 1973) pp. 393-416.
112. R. Horgan, R.H. Dalitz, Baryon spectroscopy and quark shell-model. I. The framework, basic formulae, and matrix elements, *Nucl. Phys. B* 66 (1973) 135-172; Erratum, *Nucl. Phys. B* 71 (1974) 546-547.
113. R.H. Dalitz, Hypernuclear physics and its immediate problems, in *Proc. Summer Study Meeting on Nuclear and Hypernuclear Physics with Kaon Beams, BNL 1973*, ed. H. Palevsky (BNL Report 18335, Upton, 1973) pp. 1-63.

Richard Henry Dalitz

114. R.H. Dalitz, The three-quark shell model and the spectrum of baryonic states, in *Hadron Interactions at Low Energies, Proc. Triangle Meeting, Smolenice, Czechoslovakia 1973*, eds. D. Krupa, J. Pisut (VEDA-Slovak Academy of Sciences, Bratislava, 1975) pp. 145-206.
115. D. Zieminska, R.H. Dalitz, Decay processes ${}^8_{\Lambda}\text{Li} \rightarrow \pi^- {}^8\text{Be}$ (17 Mev), Nucl. Phys. B 74 (1974) 248-268.
116. D. Bailin, R.V. Budny, G. Conforto, W.N. Cottingham, R.H. Dalitz, N. Dombey, D.H. Gabathuler, A. McDonald, D. Morgan, A.M. Segar, W.T. Toner, Physics with an electron-positron storage ring of beam energy $E = 14$ GeV (RL-74-098, Chilton, 1974) 21 pp.
117. R.H. Dalitz, Heavy particles, in *Rudolf Peierls and Theoretical Physics, Proc. Oxford 1974*, eds. I.J.R. Aitchison, J.E. Paton (Pergamon, Oxford, 1977) pp. 86-100.
118. R.H. Dalitz, Comments on heavy mesons, in *Experimental Meson Spectroscopy - 1974 (Boston)*, ed. D.A. Garelick, AIP Conf. Proc. 21 (AIP, New York, 1974) pp. 75-78.
119. D. Zieminska, R.H. Dalitz, Hypernucleus ${}^{12}_{\Lambda}\text{B}$ and decay process ${}^{12}_{\Lambda}\text{B} \rightarrow \pi^- + 3\alpha$, Nucl. Phys. A 238 (1975) 453-490.
120. R.H. Dalitz, Baryonic spectroscopy and its immediate future, in *New Directions in Hadron Spectroscopy, Proc. ANL Summer Symposium 1975*, eds. S.L. Kramer, E.L. Berger (Report ANL-HEP-CP-75-58, Argonne, 1975) pp. 383-406.
121. R.H. Dalitz, Quark physics, in *Few Body Dynamics, Proc. 7th Int'l Conf. Few Body Problems in Nuclear and Particle Physics, Delhi 1975*, eds. A.N. Mitra, I. Slavas, V.S. Bhasin, V.K. Gupta (North Holland, Amsterdam, 1976) pp. 632-658.
122. R.H. Dalitz, The spectrum of baryonic states, in *Quarks and Hadronic Structure, Proc. Erice 1975*, ed. G. Morpurgo (Academic Press, New York, 1977) pp. 39-71.
123. R.H. Dalitz, The status of noncharmed hadron spectroscopy, in *New Phenomena in Subnuclear Physics. Part B, Proc. Erice 1975*, ed. A. Zichichi (Academic Press, New York, 1977) pp. 1053-1066.
124. R.H. Dalitz, A. Gal, Supersymmetric and strangeness analog states in p-shell Λ hypernuclei, Phys. Rev. Lett. 36 (1976) 362-365; Erratum, Phys. Rev. Lett. 36 (1976) 628.
125. R.H. Dalitz, A. Gal, Quasi-free interactions in (K^-, π^-) strangeness-exchange nuclear-reactions at 0° , Phys. Lett. B 64 (1976) 154-158; Erratum, Phys. Lett. B 97 (1980) 473.
126. R.H. Dalitz, Quark models, old and new, in *Fundamentals of Quark Models, Proc. XVII Scottish Universities Summer School in Physics, St. Andrews 1976*, eds. I.M. Barbour, A.T. Davies (Scottish Universities Summer School in Physics, Edinburgh, 1977) pp. 151-244.
127. R.H. Dalitz, Introductory remarks on baryon spectroscopy, in *Baryon Resonances, Proc. Topical Conf. on Baryon Resonances, Oxford 1976*, eds. R.T. Ross, D.H. Saxon (RHEL, Chilton, 1976) pp. 2-18.
128. R.H. Dalitz, The conventional quark picture, in *Proc. Int'l Neutrino Conference, Aachen 1976*, eds. H. Faissner, H. Reithler, P.M. Zerwas, (Tech. Hochsch. Aachen, Braunschweig, 1977) pp. 451-463.
129. R.H. Dalitz, Introductory remarks about new particles, Proc. Roy. Soc. A 355 (1977) 443-445.
130. R.H. Dalitz, Charm and the ψ -meson family, Proc. Roy. Soc. A 355 (1977) 601-619.
131. R.H. Dalitz, Glossary for new particles and new quantum numbers, Proc. Roy. Soc. A 355 (1977) 629-631.
132. R.H. Dalitz, R.R. Horgan, L.J. Reinders, The new resonance $\Delta D35(1925)$ and $(56, 1_3^-)$ baryonic supermultiplet, J. Phys. G 3 (1977) L195-L201.
133. M. Jones, R.H. Dalitz, R.R. Horgan, Reanalysis of the baryon mass spectrum using the quark shell model, Nucl. Phys. B 129 (1977) 45-65.
134. R.H. Dalitz, Quarks, colour and hadron spectroscopy, in *Topics in Quantum Field Theory and Gauge Theories, Proc. Salamanca 1977*, ed. J.A. de Azcarraga, Lecture Notes in Physics 77 (Springer-Verlag, Berlin, 1978) pp. 336-378.

Richard Henry Dalitz

135. R.H. Dalitz, L.J. Reinders, High lying baryonic multiplets in the harmonic quark shell model, in *Hadron Structure as Known from Electromagnetic and Strong Interactions, Proc. Hadron Structure '77 Conf., Strbske Pleso, Czechoslovakia*, ed. S. Dubnicka (VEDA, Bratislava, 1979) pp. 11-65.
136. R.H. Dalitz, Hyperon-nucleon interactions and excited hypernuclei, in *Kaon-Nuclear Interaction and Hypernuclei, Proc. Seminar Zvenigorod 1977*, eds. P.A. Cherenkov et al. (Nauka, Moscow, 1979) pp. 355-384.
137. R.H. Dalitz, A. Gal, Production and decay of ${}^7_{\Lambda}\text{Li}$ and ${}^7_{\Lambda}\text{He}$ hypernuclei, *J. Phys. G* 4 (1978) 889-906.
138. A. Gal, J.M. Soper, R.H. Dalitz, Shell-model analysis of Λ binding energies for p-shell hypernuclei. III. Further analysis and predictions, *Ann. Phys.* 113 (1978) 79-97.
139. R.H. Dalitz, A. Gal, The formation of, and the γ -radiation from, the p-shell hypernuclei, *Ann. Phys.* 116 (1978) 167-243.
140. R.H. Dalitz, The physics carried out with Nimrod, in *Nimrod The 7 GeV proton synchrotron, Proc. Nimrod Commemoration Evening, Rutherford Laboratory 1978*, ed. J. Litt (SRC and Rutherford Lab., Chilton, 1979) pp. 40-53.
141. R.H. Dalitz, Overview of K^- -nuclear reactions, in *Meson-Nuclear Physics - 1979 (Houston)*, ed. E.V. Hungerford III, AIP Conf. Proc. 54 (AIP, New York, 1979) pp. 621-633.
142. C.B. Dover, A. Gal, G.E. Walker, R.H. Dalitz, Angular distributions for the ${}^{12}\text{C}(K^-, \pi^-){}_{\Lambda}^{12}\text{C}$ reaction, *Phys. Lett. B* 89 (1979) 26-30.
143. D. Kielczewska, D. Ziemska, R.H. Dalitz, Determination of the spin of the hypernucleus ${}^{12}_{\Lambda}\text{B}$. II. Complete analysis, *Nucl. Phys. A* 333 (1980) 367-380.
144. R.H. Dalitz, C.R. Hemming, E.J. Morris, The (K^-, π^-) strangeness exchange reactions on deuterium, *Nukleonika* 25 (1980) 1555-1580.
145. R.H. Dalitz, Discrete Σ -hypernuclear states, *Nature* 285 (1980) 11-12.
146. R.H. Dalitz, J.G. McGinley, Remarks bearing on the interpretation of the $\Lambda(1405)$ resonance, in *Low and Intermediate Energy Kaon-Nucleon Physics*, eds. E. Ferrari, G. Violini (Reidel, Dordrecht, 1981) pp. 381-409.
147. F.E. Close, R.H. Dalitz, The antisymmetric spin-orbit interaction between quarks, in *Low and Intermediate Energy Kaon-Nucleon Physics*, eds. E. Ferrari, G. Violini (Reidel, Dordrecht, 1981) pp. 411-418.
148. R.H. Dalitz, Quarks in the context of few body physics, *Nucl. Phys. A* 353 (1981) 215c-232c.
149. R.H. Dalitz, Λ -hypernuclear and Σ -hypernuclear physics, *Nucl. Phys. A* 354 (1981) 101c-125c.
150. R.H. Dalitz, A. Gal, Strangeness analog states in ${}^9_{\Lambda}\text{Be}$, *Ann. Phys.* 131 (1981) 314-355.
151. R.H. Dalitz, Quarks and the light hadrons, in *Quarks and the Nucleus, Proc. Int'l School of Nucl. Phys. Erice 1981*, ed. D. Wilkinson, *Prog. Part. Nucl. Phys.* 8 (Pergamon, Oxford, 1982) pp. 7-48.
152. R.H. Dalitz, Two relativistic effects for quarks within hadrons, *Czech J. Phys. B* 32 (1982) 597-608.
153. R.H. Dalitz, A. Deloff, The $K^-D \rightarrow p\Lambda\pi^-$ reaction, *Czech J. Phys. B* 32 (1982) 1021-1039.
154. R.H. Dalitz, CP-nonconservation, *Acta Phys. Austriaca Suppl.* XXIV (1982) 393-474; Addendum, *Acta Phys. Austriaca*, 56 (1984) 130.
155. R.H. Dalitz, Strange particle theory in the cosmic-ray period, in *Proc. Colloque Int'l sur l'Histoire de la Physique des Particules, Paris 1982*, *J. Physique* 43, Colloque C8 Suppl. (1982) 195-205; 406.
156. R.H. Dalitz, J. McGinley, C. Belyea, S. Anthony, Theory of low-energy kaon-nucleon scattering, in *Proc. Int'l Conf. Hypernuclear and Kaon Physics, Heidelberg, 1982*, ed. B. Povh (MPI, Heidelberg, 1982) pp. 201-214.
157. R.H. Dalitz, Hadron spectroscopy, in *Hawaii Topical Conference in Particle Physics, 1982*, eds. S. Pakvasa, S.F. Tuan (World Scientific, Singapore, 1982) Vol. 1, pp. 45-159.
158. R.H. Dalitz, A. Deloff, The Strangeness-exchange reaction $K^-d \rightarrow p\Lambda\pi^-$ in flight, *Australian J. Phys.* 36 (1983) 617-631.

Richard Henry Dalitz

159. R.H. Dalitz, Recent perspectives in hadron spectroscopy, in *Proc. Hadron Structure '83, Smolenice*, ed. I. Lukac (Inst. Phys. EPRC, Bratislava, 1985) Vol. 1, pp. 17-46.
160. R.H. Dalitz, Closing address, in *Proc. Hadron Structure '83, Smolenice*, ed. I. Lukac (Inst. Phys. EPRC, Bratislava, 1985) Vol. 2, pp. 533-539.
161. R.H. Dalitz, C.H. Llewellyn Smith, Paying for high-energy physics, *Nature* 307 (1984) 104.
162. R.H. Dalitz, Resonance - its description, criteria and significance, in *Resonances - Models and Phenomena, Proceedings Bielefeld 1984*, eds. S. Albeverico, L.S. Ferreira, L. Streit, Lecture Notes in Physics 211 (Springer-Verlag, Berlin, 1984) pp. 1-26.
163. R.H. Dalitz, Conference summary talk, in *The Intersections Between Particle and Nuclear Physics, Steamboat Springs 1984*, ed. R.E. Mischke, AIP Conf. Proc. 123 (AIP, New York, 1984) pp. 381-414.
164. R.H. Dalitz, The $\tau - \theta$ puzzle, in *50 Years of Weak Interactions: from the Fermi Theory to the W. Perspectives for the Future, Proc. Conf. Racine 1984*, eds. D. Cline, G.M. Reidasch (Univ. Wisconsin, Madison, 1984) pp. 332-348.
165. D.J. Millener, A. Gal, C.B. Dover, R.H. Dalitz, Spin dependence of the ΛN effective interaction, *Phys. Rev. C* 31 (1985) 499-509.
166. R.H. Dalitz, Reflections on Hideki Yukawa and the meson 50 symposium, *Prog. Theor. Phys. Suppl.* 85 (1985) 293-296.
167. R.H. Dalitz, K -meson decays and parity violation, in *Pions to Quarks: Particle Physics in the 1950s, Proc. Second Int'l Symposium on the History of Particle Physics, Fermilab 1985*, eds. L.M. Brown, M. Dresden, L. Hoddeson (Cambridge University Press, Cambridge, 1989) pp. 434-457.
168. R.H. Dalitz, S.F. Tuan, The continuing saga of the p wave singlet $\bar{q}q$ mesonic states, in *Proc. X Hawaii Conf. High Energy Physics, Honolulu 1985*, eds. F.A. Harris, S. Pakvasa, S.F. Tuan (University of Hawaii Press, Honolulu, 1986) pp. 707-745.
169. R.H. Dalitz, R.E. Peierls, Paul Adrien Maurice Dirac, *Biogr. Mem. Fell. R. Soc. Lond.* 32 (1986) 137-185; also in *Paul Adrien Maurice Dirac, 1902-1984, elected F.R.S. 1930* (Cambridge University Press, Cambridge, 1986) pp. 139-185.
170. R.H. Dalitz, D.H. Davis, D.N. Tovee, Proton decay of excited hypernuclei, *Nucl. Phys. A* 450 (1986) 311c-327c.
171. R.H. Dalitz, P.I.P Kalmus, Quarks and leptons: the new elementary particles? preface, *Proc. Roy. Soc. A* 404 (1986) 151-152.
172. M. Torres, R.H. Dalitz, A. Deloff, K^- absorption reactions from rest in deuterium, *Phys. Lett. B* 174 (1986) 213-218.
173. M. Torres, R.H. Dalitz, A. Deloff, The reactions $K^- d \rightarrow N\Lambda\pi$ and $N\Sigma\pi$, in *Intersections Between Particle and Nuclear Physics, Lake Louise 1986*, ed. D.F. Geesaman, AIP Conf. Proc. 150 (AIP, New York, 1986) pp. 901-905.
174. M. Torres, R.H. Dalitz, A. Deloff, The strangeness-exchange reaction in deuterium, in *Proc. IX Oaxtepec Symposium on Nuclear Physics, Mexico 1986*, Notas de Física 9 (1986) 367-386.
175. J. Hoek, R.H. Dalitz, Sweep-sweep correlations of Polyakov loops for SU(3) lattice gauge theory on 32^4 lattices, *Phys. Lett. B* 177 (1986) 180-182.
176. N.W. Tanner, R.H. Dalitz, The determination of T-violations and CPT-violations for the (K^0, \bar{K}^0) complex by \bar{K}^0/K^0 comparisons, *Ann. Phys.* 171 (1986) 463-488.
177. R.H. Dalitz, Few body problems in strong interaction physics, *Nucl. Phys. A* 463 (1987) 37c.
178. R.H. Dalitz, A biographical sketch of the life and work of Professor Sir Rudolf Peierls, FRS, in *A Breadth of Physics, Proc. Peierls 80th Birthday Symposium, Oxford 1987*, eds. R.H. Dalitz, R.B. Stinchcombe (World Scientific, Singapore, 1988) pp. 1-42.

Richard Henry Dalitz

179. R.H. Dalitz, Professor Tony Hilton Royle Skyrme (1922-1987): A Brief Biography, in *A Breadth of Physics, Proc. Peierls 80th Birthday Symposium, Oxford 1987*, eds. R.H. Dalitz, R.B. Stinchcombe (World Scientific, Singapore, 1988) pp. 205-219.
180. R.H. Dalitz, Another side to Paul Dirac, in *Paul Adrian Maurice Dirac: Reminiscences about a Great Physicist*, eds. B.N. Kursunoglu, E.P. Wigner (Cambridge University Press, Cambridge, 1987) pp. 69-92.
181. R.H. Dalitz, A biographical sketch of the life of Professor P.A.M. Dirac, OM, FRS, in *Tributes to Paul Dirac*, ed. J.G. Taylor (IOP, Bristol, 1987) pp. 3-28.
182. R.H. Dalitz, Historical remark on $\pi^0 \rightarrow \gamma e^+ e^-$ decay, in *40 Years of Particle Physics, Proc. Int'l Conf. to Celebrate the 40th Anniversary of the Discovery of the π - and V-particles, Bristol 1987*, eds. B. Foster, P.H. Fowler (Adam Hilger, Bristol, 1988) pp. 105-108.
183. R.H. Dalitz, The pion in particle physics today - an overview, in *40 Years of Particle Physics, Proc. Int'l Conf. to Celebrate the 40th Anniversary of the Discovery of the π - and V-particles, Bristol 1987*, eds. B. Foster, P.H. Fowler (Adam Hilger, Bristol, 1988) pp. 157-188.
184. R.H. Dalitz, Proton proton and anti-proton proton scattering at the highest energies, in *New Aspects of High-Energy Proton-Proton Collisions, Proc. 4th INFN ELOISATRON Project Workshop, Erice 1987*, ed. A. Ali (Plenum, New York, 1988) pp. 281-308.
185. I.J. Ford, R.H. Dalitz, J. Hoek, Potentials in pure QCD on 32^4 lattices, *Phys. Lett. B* 208 (1988) 286-290.
186. S.F. Tuan, T. Ferbel, R.H. Dalitz, Comments on the evidence for a 1^{-+} exotic meson, *Phys. Lett. B* 213 (1988) 537-540.
187. R.H. Dalitz, An outline of the life and work of Tony Hilton Royle Skyrme (1922-1987), *Int. J. Mod. Phys. A* 3 (1988) 2719-2744; also in *Selected Papers, with Commentary, of Tony Hilton Royle Skyrme*, ed. Gerald E. Brown, World Scientific Series in 20th Century Physics - Vol. 3 (World Scientific, Singapore, 1994) pp. 6-31.
188. R.H. Dalitz, G.R. Goldstein, R. Marshall, Heavy quark spin correlations in $e^+ e^-$ annihilations, *Phys. Lett. B* 215 (1988) 783-787.
189. R.H. Dalitz, Quantum chromodynamics and excited baryons, in *Excited Baryons 1988, Proc. Troy 1988*, eds. G. Adams, N.C. Mukhopadhyay, P. Stoler (World Scientific, Singapore, 1989) pp. 525-558.
190. G.L. Shaw, M. Shin, R.H. Dalitz, M. Desai, Growing drops of strange matter, *Nature* 337 (1989) 436-439.
191. R.H. Dalitz, G.R. Goldstein, R. Marshall, On the helicity of charm jets, *Z. Phys. C* 42 (1989) 441-448.
192. R.H. Dalitz, D.H. Davis, P.H. Fowler, A. Montwill, J. Pniewski, J.A. Zakrzewski, The identified $\Lambda\Lambda$ -hypernuclei and the predicted H -particle, *Proc. Roy. Soc. A* 426 (1989) 1-17.
193. R.H. Dalitz, D.H. Davis, A. Deloff, Is there a bound ${}^4_{\Sigma}\text{He}$?, *Phys. Lett. B* 236 (1990) 76-80.
194. R.H. Dalitz, Neutral kaon beams, in *Plots, Quarks and Strange Particles, Proc. Dalitz Conf. 1990*, eds. I.J.R. Aitchison, C.H. Llewellyn Smith, J.E. Paton (World Scientific, Singapore, 1991) pp. 118-133.
195. R.H. Dalitz, A. Deloff, The shape and parameters of the $\Lambda(1405)$ resonance, *J. Phys. G* 17 (1991) 289-302; Erratum, *J. Phys. G* 19 (1993) 1423.
196. R. H. Dalitz, Andrei Sakharov, scientific dissertation, *Usp. Nauk* 161 (1991) 121-136.
197. R. H. Dalitz, The Young Sakharov's "Isotopic Parity", in *Sakharov Memorial Lectures in Physics, Proc. 1st Sakharov Conf. on Physics, 21-31 May 1991*, ed. L.V. Keldysh, V.Ya. Fainberg (Nova Science Publ., Commack N.Y., 1992) pp. 635-666.
198. R. H. Dalitz, The discrete symmetries (C,P,T) and their exploration with neutral kaons, *Nucl. Phys. B Proc. Suppl.* 24 (1991) 3-23.
199. R.H. Dalitz, Some themes from physics in collision, in *Physics in Collision 11, Proc. Colmar 1991*, eds. J.-M. Brom, D. Huss, M.-E. Michalon (Editions Frontieres, Paris, 1991) pp. 535-561.

Richard Henry Dalitz

200. R.H. Dalitz, G.R. Goldstein, Decay and polarization properties of the top quark, Phys. Rev. D 45 (1992) 1531-1543.
201. R.H. Dalitz, G.R. Goldstein, Analysis of top-antitop production and dilepton decay events and the top quark mass, Phys. Lett. B 287 (1992) 225-230.
202. R.H. Dalitz, A. Deloff, Is bound $\frac{4}{\Sigma}$ He formed in K^- -meson capture from rest in liquid-helium?, Nucl. Phys. A 547 (1992) 181c-190c.
203. R.H. Dalitz, Top quark, New Scientist 135 (1992) 47.
204. R.H. Dalitz, Poles, cusps and other singularities, in *Strangeness in Nuclei, Proc. Workshop Cracow 1992*, eds. S. Kistryn, O.W.B. Schult (World Scientific, Singapore, 1993) pp. 203-249.
205. R.H. Dalitz, G.R. Goldstein, Where is Top?, in *From Superstrings to the Real World, Proc. Int'l School of Subnuclear Physics, Erice 1992*, ed. A. Zichichi (World Scientific, Singapore, 1993) pp. 442-467.
206. G.R. Goldstein, K. Sliwa, R.H. Dalitz, A technique for observing the top quark and measuring its mass at the Tevatron, in *Proc. XXVI Int'l Conf. High Energy Physics, Dallas 1992*, ed. J.R. Sanford, AIP Conf. Proc. 272 (AIP, New York, 1993) pp. 1027-1030.
207. G.R. Goldstein, K. Sliwa, R.H. Dalitz, Observing top-quark production at the Fermilab Tevatron, Phys. Rev. D 47 (1993) 967-972.
208. R.H. Dalitz, The $\tau - \theta$ puzzle, in *Discovery of Weak Neutral Currents: The Weak Interaction Before and After, Santa Monica 1993*, eds. A.K. Mann, D.B. Cline, AIP Conf. Proc. 300 (AIP, New York, 1993) pp. 141-158.
209. R.H. Dalitz, G.R. Goldstein, Where is Top? (based on a talk given by R.H. Dalitz at Erice 1992) Int. J. Mod. Phys. A 9 (1994) 635-666.
210. R.H. Dalitz, A. Deloff, Is bound $\frac{4}{\Sigma}$ He formed in K^- -meson capture from rest in liquid-helium?: II, Nucl. Phys. A 585 (1995) 303c-306c.
211. R.H. Dalitz, Kaon decays to pions, The $\tau - \theta$ problem, in *History of Original Ideas and Basic Discoveries in Particle Physics, Proc. NATO Adv. Workshop, Erice 1994*, eds. H.B. Newman, T. Ypsilantis (Plenum Press, New York, 1996) pp. 163-181; 183.
212. R.H. Dalitz, Complete bibliography for Prof. Sir Rudolf Peierls, Nucl. Phys. A 604 (1996) 7-23. Erratum, Nucl. Phys. A 608 (1996) 513.
213. R.H. Dalitz, Some personal recollections of S. Chandrasekhar at Chicago and Oxford, in *S. Chandrasekhar: the Man Behind the Legend, Chandra Remembered*, ed. K.C. Wali (Imperial College Press, London, 1997) pp. 142-155.
214. R.H. Dalitz, D.H. Davis, T. Motoba, D.N. Tovee, Proton emitting Λ -bound states of $^{16}\Lambda$ O*, Nucl. Phys. A 625 (1997) 71-94.
215. R.H. Dalitz, D.H. Davis, T. Motoba, D.N. Tovee, Proton emitting Λ -bound states of hypernuclei, in *Proc. Eur. Conf. Advances in Nuclear Physics and Related Areas, Thessaloniki 1997*, eds. D.M. Brink, M.E. Grypeos, S.E. Massen (Giahoudi-Giapouli, Thessaloniki, 1999) pp. 582-592.
216. R.H. Dalitz, Note on the $\Lambda(1405)$, in *Review of Particle Physics by the Particle Data Group*, eds. C. Caso et al., Eur. Phys. J. C 3 (1998) 676-678.
217. R.H. Dalitz, G.R. Goldstein, Test of analysis method for top-antitop production and decay events, Proc. Roy. Soc. A 455 (1999) 2803-2834.
218. R.H. Dalitz, Kaon physics: the first 50+ years, in *Kaon Physics, Proc. KAON'99*, eds. J.L. Rosner, B.D. Winstein (University of Chicago Press, Chicago, 2001) pp. 5-22.
219. R.H. Dalitz, G. Garbarino, Local realistic theories and quantum mechanics for the two-neutral-kaon system, Nucl. Phys. B 606 (2001) 483-517.
220. R.H. Dalitz, Hypernuclear physics as we enter the third millenium, Nucl. Phys. A 691 (2001) 1c-10c.

Richard Henry Dalitz

221. R. Dalitz, Paul Dirac: a genius in the history of physics, CERN Courier 42(7) (2002) 15-17.
222. R.H. Dalitz, 50 years of hypernuclear physics. II. The later years, Nucl. Phys. A 754 (2005) 14c-24c.
223. R. H. Dalitz & G. C. Stone. Doctor Bernard Connor: Physician to King Jan III Sobieski and author of The History of Poland (1698). Oxford Slavonic Papers volume 14, New Series (Clarendon Press, Oxford, 1981) pp. 14-35.

III. AUTHORED BOOK REVIEWS, PUBLIC LECTURES AND OBITUARIES, AND BOOKS EDITED BY R.H. DALITZ

by I.J.R. Aitchison, F.E. Close, A. Gal and D.J. Millener

1. R.H. Dalitz, book review on The Eightfold Way, by M. Gell-Mann and Yuval Ne'eman, Endeavour 24 (1965) 168.
2. R.H. Dalitz, book review on Nuclear Interactions, by Sergio DeBenedetti, J. Franklin Inst. - Eng. and Appl. Math. 280(3) (1965) 280.
3. R.H. Dalitz, book review on Unitary Symmetries and their Applications to High Energy Physics, by M. Gourdin, J. Franklin Inst. - Eng. and Appl. Math. 284(6) (1967) 431.
4. W.K.H. Panofsky, R.H. Dalitz, Particle Physics (thirteen chapters) Thirteen chapters from *Nuclear Energy Today and Tomorrow: a course of lectures on selected topics in the fields of nuclear and atomic energy*, delivered in the Twelfth Int'l Science School for High School Students sponsored by the Science Foundation for Physics within the University of Sydney, 1969, eds. H. Messel, S.T. Butler (Heinemann Education Books, London, 1971) pp. 313-473.
5. R.H. Dalitz, ed., A discussion on duality: reggeons and resonances in elementary particle processes, *Proc. Royal Society Discussion Meeting 1970*, Proc. Roy. Soc. A 318 (1970) 243-399.
6. R.H. Dalitz, book review on Spectroscopic and Group Theoretical Methods in Physics, edited by F. Bloch, S.G. Cohen, A. De-Shalit, S. Sambursky and I. Talmi, J. Franklin Inst. - Eng. and Appl. Math. 289(4) (1970) 323-324.
7. R.H. Dalitz, book review on High Energy Physics, Vol. III, edited by E. H. S. Burshop, J. Franklin Inst. - Eng. and Appl. Math. 291(2) (1971) 145-146.
8. R.H. Dalitz, A. Zichichi, eds., Meson Resonances and Related Electromagnetic Phenomena, Proc. 1st Int'l Conf. organized by the High Energy and Particle Physics Division of the EPS, Bologna 1971 (Editrice Compositori, Bologna, 1972) 624 pp.
9. R.H. Dalitz, book review on Theoretical physics – I and II, Vol. I, by Benjamin Levich, J. Franklin Inst. - Eng. and Appl. Math. 298(1) (1974) 75-77.
10. R.H. Dalitz, book review on High Energy Physics, Vol. V, edited by E.H.S. Burhop, J. Franklin Inst. - Eng. and Appl. Math. 299(2) (1975) 147-148.
11. R.H. Dalitz, B. Richter, B. Wiik, W.T. Toner, eds., A discussion on new particles and new quantum numbers, *Proc. Royal Society Discussion Meeting 1977*, Proc. Roy. Soc. A 355 (1977) 441-631.
12. R.H. Dalitz, Style of a physicist: Tabibito (The Traveler) by Hideki Yukawa, Nature 302 (1983) 770-771.
13. R.H. Dalitz, Preface to *Hadron Interactions* by P.D.B. Collins, A.D. Martin (Adam Hilger, Bristol, 1984) 3 pp.
14. R.H. Dalitz, All of physics: McGraw-Hill Encyclopedia of Physics by S.P. Parker, Nature 307 (1984) 393.
15. R.H. Dalitz, Recollections of physics: The Birth of Particle Physics by L.M. Brown and L. Hoddeson, Nature 308 (1984) 383-384.
16. R.H. Dalitz, Elusive particles, Times Higher Educational Supplement, issue of 15 March 1985, p. 29.
17. R.H. Dalitz, P.I.P. Kalmus, eds., Quarks and Leptons: the new elementary particles? *Proc. Royal Society Discussion Meeting 1985*, Proc. Roy. Soc. A 404 (1986) 151-298.

Richard Henry Dalitz

18. R.H. Dalitz, Fundamental developments: Constructing Quarks - a Sociological History of Particle Physics by A. Pickering, *Nature* 314 (1985) 387-388.
19. R.H. Dalitz, Beyond hope, Bohr and physics: Niels Bohr - a Centenary Volume by A.P. French, P.J. Kennedy, *Nature* 320 (1986) 221-222.
20. R.H. Dalitz, R.B. Stinchcombe, eds., *A Breadth of Physics*, Proceedings of the Peierls 80th Birthday Symposium, Oxford University, 27 June 1987 (World Scientific, Singapore, 1988) 234 pp.
21. R.H. Dalitz, E.L. Hahn, Professor Emilio Segre, *The Independent*, issue of 8 April 1989, p. 1.
22. R.H. Dalitz, Emilio Gino Segre 1905-89, *Physics World* 2(2) (1989) 57-58.
23. R.H. Dalitz, Into the atom: The Atomic Scientists. A Biographical History by H.A. Boorse, L. Motz and J.H. Weaver, *Nature* 344 (1990) 898.
24. R.H. Dalitz, Dirac Paul Adrien Maurice, in *Dict. Nat. Bio. 1981-5*, eds. Lord Blake, C.S. Nicholls (Oxford University Press, Oxford, 1990) pp. 115-116.
25. R.H. Dalitz, A.D. Sakharov (1921-1989), *Physics World* 3(2) (1990) 55-56.
26. R.H. Dalitz, Dirac Paul Adrien Maurice, in *Bio. Dict. Scientists*, ed. Trevor I. Williams (HarperCollins, Glasgow, 1993) pp. 140-141.
27. R.H. Dalitz, ed., *The Collected Works of P.A.M. Dirac: 1924-1948*, Vol. 1, (Cambridge University Press, Cambridge, 1995) 1310 pp.
28. R.H. Dalitz, At the Heart of the Atom [Obituary of Sir Rudolf Peierls], *The Guardian*, issue of 21 September 1995, p. 15.
29. R.H. Dalitz, A Hundredth Happy Birthday, *The Times Higher Education Supplement*, issue of 8 December 1996, p. 30.
30. R.H. Dalitz, Sir Rudolf Peierls, eds., *Selected Scientific Papers of Sir Rudolf Peierls With Commentary* (World Scientific, Singapore, 1997) 805 pp.
31. R.H. Dalitz, Mott and the cosmic radiation, in *Nevill Mott: Reminiscences and Appreciations*, ed. E.A. Davis (Taylor & Francis, London, 1998) pp. 85-90.
32. R.H. Dalitz, Nicholas Kemmer 1911-1998, *Physics World* 12(1) (1999) 43.
33. R.H. Dalitz, N. Dombey, Peierls was no spy, *Spectator*, issue of 10 July 1999, p. 23.
34. R.H. Dalitz, Sir Rudolf Peierls was not a spy, *Physics World* 12(10) (1999) 15-16.
35. R.H. Dalitz, M. Nauenberg, eds., *The Foundations of Newtonian Scholarship* (World Scientific, Singapore, 2000) 260 pp.
36. R.H. Dalitz, F.J. Duarte, John Clive Ward - Obituary, *Physics Today* 53(10) (2000) 99-100.
37. R.H. Dalitz, Messages from Founding Fellows, *Churchill Review*, 37 (2000) 17.
38. R.H. Dalitz, Marcus Laurence Elwin 'Mark' Oliphant - Obituary, *Physics Today* 54(7) (2001) 73-74.
39. R.H. Dalitz, Philip Burton Moon, in *Oxford - DNB*, eds. Brian Harrison, H.C.G. Matthew, vol. 38 (Oxford University press, Oxford, 2004) pp. 896-897.
40. R.H. Dalitz, Rudolf Ernst Peierls, in *Oxford - DNB*, eds. Brian Harrison, H.C.G. Matthew, vol. 43 (Oxford University press, Oxford, 2004) pp. 442-445.

Richard Henry Dalitz