

References

- Affleck, I. (1980). Testing the instanton method. *Phys. Lett.* **B**, **92**, 149.
- Affleck, I., Dine, M. and Seiberg, N. (1984). Dynamical supersymmetry breaking in supersymmetric QCD. *Nucl. Phys. B*, **241**, 493.
- Aharony, O., Gubser, S. S., Maldacena, J. M., Ooguri, H. and Oz, Y. (2000). Large N field theories, string theory and gravity. *Phys. Rept.*, **323**, 183 [arXiv:hep-th/9905111].
- Albrecht, A. and Steinhardt, P. J. (1982). Cosmology for grand unified theories with radiatively induced symmetry breaking. *Phys. Rev. Lett.*, **48**, 1220.
- Almheiri, A., Marolf, D., Polchinski J., and Sully, J. (2013). Black holes: complementarity or firewalls?, *JHEP* **1302**, 062 [hep-th/arXiv:1207.3123].
- Appelquist, T., Chodos, A. and Freund, P. G. O. (1985). *Modern Kaluza–Klein Theories*. Menlo Park: Benjamin/Cummings.
- Arkani-Hamed, N., Dimopoulos, S., Giudice G. F., and Romanino, A. (2005). Aspects of split supersymmetry, *Nucl. Phys. B*, **709**, 3 [arXiv:hep-ph/0409232].
- Arkani-Hamed, N., Dimopoulos, S. and Dvali, G. R. (1999). Phenomenology, astrophysics and cosmology of theories with sub-millimeter dimensions and TeV scale quantum gravity. *Phys. Rev. D*, **59**, 086004 [arXiv:hep-ph/9807344].
- Arkani-Hamed N., and Murayama, H. (2000). Holomorphy, rescaling anomalies and exact beta functions in supersymmetric gauge theories, *JHEP*, **0006**, 030 [arXiv:hep-th/9707133].
- Ashok, S. and Douglas, M. R. (2004). Counting flux vacua. *JHEP*, **0401**, 060 [arXiv:hep-th/0307049].
- Atick, J. J., Dixon, L. J. and Sen, A. (1987). String calculation of Fayet–Iliopoulos D terms in arbitrary supersymmetric compactifications. *Nucl. Phys. B*, **292**, 109.
- Bagger, J. A., Moroi, T. and Poppitz, E. (2000). Anomaly mediation in supergravity theories. *JHEP*, **0004**, 009 [arXiv:hep-th/9911029].
- Bailin, D. and Love, A. (1993). *Introduction to Gauge Field Theory*. London: Institute of Physics.
- Banks, T., Kaplan, D. B. and Nelson, A. E. (1994). Cosmological implications of dynamical supersymmetry breaking. *Phys. Rev. D*, **49**, 779 [hep-ph/9308292].
- Banks, T., Fischler, W., Shenker, S. H. and Susskind, L. (1997). M theory as a matrix model: A conjecture. *Phys. Rev. D*, **55**, 5112 [arXiv:hep-th/9610043].
- Banks, T., Dine, M. and Graesser, M. (2003). Supersymmetry, axions and cosmology. *Phys. Rev. D*, **68**, 075011 [arXiv:hep-ph/0210256].
- Berger, V., Marfatia, D. and Whisnant, K. (2012). *The Physics of Neutrinos*, Princeton, NJ: Princeton University Press.

- Becker, K., Becker, M. and Schwarz, J. H. (2007). *String Theory and M-Theory: A Modern Introduction*, Cambridge: Cambridge University Press.
- Berkooz, M., Dine, M. and Volansky, T. (2004). Hybrid inflation and the moduli problem. *Phys. Rev. D*, **71**, 103 502 [arXiv:hep-ph/0409226].
- Bigatti, D. and Susskind, L. (1997). Review of matrix theory. In *Proc. Conf. on Strings, Branes and Dualities*, eds. L. Balieu, P. Di Francesco, M. Douglas *et al.* Amsterdam: Kluwer [arXiv:hep-th/9712072].
- Bousso, R. and Polchinski, J. (2000). Quantization of four-form fluxes and dynamical neutralization of the cosmological constant. *JHEP*, **0006**, 006 [arXiv:hep-th/0004134].
- Brown, L. S., Carlitz, R. D., Creamer, D. B. and Lee, C. K. (1978). Propagation functions in pseudoparticle fields. *Phys. Rev. D*, **17**, 1583.
- Buchmuller, W., Di Bari, P. and Plumacher, M. (2005). Leptogenesis for pedestrians. *Ann. Phys.*, **315**, 305 [arXiv:hep-ph/0401240].
- Buican, M., Meade, P., Seiberg, N. and Shih, D. (2009). Exploring general gauge mediation, *JHEP*, **0903**, 016 [arXiv:hep-ph/0812.3668].
- Carena, M., Quiros, M., Seco, M. and Wagner, C. E. M. (2003). Improved results in supersymmetric electroweak baryogenesis. *Nucl. Phys. B*, **650**, 24 [arXiv:hep-ph/0208043].
- Carpenter, L. M., Dine, M., Festuccia, G. and Mason, J. D. (2009). Implementing general gauge mediation, *Phys. Rev. D*, **79**, 035002. [arXiv:hep-ph/0805.2944/hep-ph].
- Carroll, S. (2004). *Spacetime and Geometry: An Introduction to General Relativity*. San Francisco: Addison-Wesley.
- Casher, A., Kogut, J. B. and Susskind, L. (1974). Vacuum polarization and the absence of free quarks. *Phys. Rev. D*, **10**, 732.
- Cheng, T. and Li, L. (1984). *Gauge Theory of Elementary Particle Physics*. Oxford: Clarendon Press.
- Chivukula, R. S. (2000). Technicolor and compositeness, arXiv:hep-ph/0011264.
- Cohen, A. G., Kaplan, D. B. and Nelson, A. E. (1993). Progress in electroweak baryogenesis. *Ann. Rev. Nucl. Part. Sci.*, **43**, 27 [arXiv: hep-ph/9302210].
- Coleman, S. (1983). The magnetic monopole fifty years later. In ed. A. Zichichi. *The Unity of the Fundamental Interactions*. New York: Plenum Press.
- Coleman, S. (1985). The uses of instantons. In *Aspects of Symmetry*. Cambridge: Cambridge University Press.
- Cottingham, W. N. and Greenwood, D. A. (1998). *An Introduction to the Standard Model of Particle Physics*. Cambridge: Cambridge University Press.
- Cremmer, E., Julia, B. and Scherk, J. *et al.* (1979). Spontaneous symmetry breaking and Higgs effect in supergravity without cosmological constant. *Nuclear Physics B*, **147**, 105.
- Creutz, M. (1983). *Quarks, Gluons and Lattices*. Cambridge: Cambridge University Press.
- Crewther, R. J., Di Vecchia, P., Veneziano, G. and Witten, E. (1979). *Phys. Lett.*, **88B**, 123.
- Csaki, C., Hubisz, J. and Meade, P. (2005). TASI lectures on electroweak symmetry breaking from extra dimensions, arXiv:hep-ph/0510275.
- Davoudiasl, H., Hewett, J. L. and Rizzo, T. G. (2000). Phenomenology of the Randall–Sundrum gauge hierarchy model. *Phys. Rev. Lett.*, **84**, 2080 [arXiv:hep-ph/9909255].

- de Carlos, B., Casas, J. A., Quevedo, F. and Roulet, E. (1993). Model independent properties and cosmological implications of the dilaton and moduli sectors of 4-d strings. *Phys. Lett. B*, **318**, 447 [arXiv:hep-ph/9308325].
- Denef, F., Douglas, M. R. and Kachru, S. (2007). Physics of string flux compactifications, *Ann. Rev. Nucl. Part. Sci.*, **57**, 119 [arXiv:hep-th/0701050].
- D'Hoker, E. and Freedman, D. Z. (2002). Supersymmetric gauge theories and the AdS/CFT correspondence [arXiv:hep-th/0201253].
- Di Pietro, L., Dine, M. and Komargodski, Z. (2014). (Non-)decoupled supersymmetric field theories, *JHEP*, **1404**, 073 (2014) [arXiv:hep-th/1402.3385].
- Dimopoulos, S. and Georgi, H. (1981). Softly broken supersymmetry and $SU(5)$. *Nucl. Phys. B*, **193**, 150.
- Dine, M. and Kusenko, A. (2003). The origin of the matter–antimatter asymmetry. *Rev. Mod. Phys.*, **76**, 1 [arXiv:arXiv:hep-ph/0303065].
- Dine, M. and Seiberg, N. (1986). Nonrenormalization theorems in superstring theory. *Phys. Rev. Lett.*, **57**, 2625.
- Dine, M. and Seiberg, N. (2007). Comments on quantum effects in supergravity theories, *JHEP*, **0703**, 040 [arXiv:hep-th/0701023].
- Dine, M., Seiberg, N., Wen, X. G. and Witten, E. (1986). Nonperturbative effects on the string world sheet. *Nucl. Phys. B*, **278**, 769.
- Dine, M., Ichinose, I. and Seiberg, N. (1987a). F terms and D terms in string theory. *Nucl. Phys. B*, **293**, 253.
- Dine, M., Seiberg, N., Wen, X. G. and Witten, E. (1987b). Nonperturbative effects on the string world sheet. 2. *Nucl. Phys. B*, **289**, 319.
- Dine, M., Seiberg, N. and Witten, E. (1987c). Fayet–Iliopoulos terms in string theory. *Nucl. Phys. B*, **289**, 589.
- Dine, M., Festuccia, G., Pack, L., Park, C. S., Ubaldi L. and W. Wu, (2011). Supersymmetric QCD: exact results and strong coupling. *JHEP*, **1105**, 061 [arXiv:hep-th/1104.0461].
- Dine, M. and Draper, P. (2014). Anomaly mediation in local effective theories. *JHEP*, **1402**, 069 [arXiv:hep-ph/1310.2196].
- Distler, J. and Greene, B. R. (1988). Some exact results on the superpotential from Calabi–Yau compactifications. *Nucl. Phys. B*, **309**, 295.
- Dixon, L. J. (2013). A brief introduction to modern amplitude methods, arXiv:hep-ph/1310.5353.
- Dixon, L. J., Harvey, J. A., Vafa, C. and Witten, E. (1986). Strings on orbifolds. 2. *Nucl. Phys. B*, **274**, 285.
- Dodelson, S. (2004). *Modern Cosmology*. Burlington: Academic Press.
- Donoghue, J. F., Golowich, E. and Holstein, B. R. (1992). *Dynamics of the Standard Model*. Cambridge: Cambridge University Press.
- Englert, F. and Brout, R. (1964). Broken symmetry and the mass of gauge vector mesons, *Phys. Rev. Lett.*, **13**, 321.
- Eidelman, S. *et al.* [Particle Data Group] (2004). Review of particle physics. *Phys. Lett. B*, **592**, 1 (This article – and others – can be found on the Particle Data Group website).
- Enqvist, K. and Mazumdar, A. (2003). Cosmological consequences of MSSM flat directions. *Phys. Rept.*, **380**, 99 [arXiv:hep-ph/0209244].

- Faraggi, A. E. (1999). Toward the classification of the realistic free fermionic models. *Int. J. Mod. Phys. A*, **14**, 1663 [arXiv:hep-th/9708112].
- Feng, J. L., March-Russell, J., Sethi, S. and Wilczek, F. (2001). Saltatory relaxation of the cosmological constant. *Nucl. Phys. B*, **602**, 307 [arXiv:hep-th/0005276].
- Fradkin, E. and Shenker, S. (1979). Phase diagrams of lattice gauge theories with Higgs fields. *Phys. Rev. D*, **19**, 3602.
- Gates, S. J., Grisaru, M. R. and Siegel, W. (1983). *Superspace: or One Thousand and One Lessons in Supersymmetry*. San Francisco: Benjamin/Cummings.
- Gepner, D. (1987). Exactly solvable string compactifications on manifolds of $SU(N)$ holonomy. *Phys. Lett. B*, **199**, 380.
- Giudice, G. F. and Rattazzi, R. (1999). Theories with gauge-mediated supersymmetry breaking. *Phys. Rept.*, **322**, 419 [arXiv:hep-ph/9801271].
- Glashow, S. L., Iliopoulos, J. and Maiani, L. (1970). Weak interactions with lepton-hadron symmetry. *Phys. Rev. D*, **2**, 1285.
- Green, M. B., Schwarz, J. H. and Witten, E. (1987). *Superstring Theory*, Cambridge: Cambridge University Press.
- Greene, B. R., Kirklín, K. H., Miron, P. J. and Ross, G. G. (1987). A three generation superstring model. 2. Symmetry breaking and the low-energy theory, *Nucl. Phys. B*, **292**, 606.
- Gross, D. J. and Wilczek, F. (1973). Ultraviolet behavior of non-abelian gauge theories. *Phys. Rev. Lett.*, **30**, 1343.
- Gross, D. J., Harvey, J. A., Martinec, E. J. and Rohm, R. (1985). Heterotic string theory. 1. The free heterotic string. *Nucl. Phys. B*, **256**, 253.
- Guralnik, G. S., Hagen, C. R. and Kibble, T. W. B. (1964) Global conservation laws and massless particles, *Phys. Rev. Lett.* **13**, 585.
- Gross, D. J., Harvey, J. A., Martinec, E. J. and Rohm, R. (1986). Heterotic string theory. 2. The interacting heterotic string. *Nucl. Phys. B*, **267**, 75.
- Hartle, J. B. (2003). *Gravity, an Introduction to Einstein's General Relativity*. San Francisco: Addison-Wesley.
- Harvey, J. (1996). Magnetic monopoles, duality, and supersymmetry, arXiv:hep-th/9603086.
- Hall, L. J., Pinner, D. and Ruderman, J. T. (2012). A natural SUSY Higgs near 126 GeV, *JHEP* **1204**, 131. [arXiv:hep-ph/1112.2703].
- Hawking, S. W. (1976). Breakdown of predictability in gravitational collapse, *Phys. Rev. D*, **14**, 2460.
- Higgs, P. W. (1964). Broken symmetries and the masses of gauge bosons. *Phys. Rev. Lett.* **13**, 508.
- Intriligator, K. A. and Seiberg, N. (1996). Lectures on supersymmetric gauge theories and electric-magnetic duality. *Nucl. Phys. Proc. Suppl.*, **45BC**, 1 [arXiv:hep-th/9509066].
- Intriligator, K. A., Seiberg, N. and D. Shih (2006). Dynamical SUSY breaking in metastable vacua. *JHEP*, **0604**, 021 [arXiv:hep-th/0602239].
- Intriligator, K. and Thomas, S. (1996). Dynamical supersymmetry breaking on quantum moduli spaces. *Nucl. Phys.*, **B473**, 121, arXiv:hep-th/9603158.
- Jackson, J. D. (1999). *Classical Electrodynamics*. Hoboken: Wiley.

- Johnson, C. (2003). *D-Branes*. Cambridge: Cambridge University Press.
- Kachru, S., Kallosh, R., Linde, A. and Trivedi, S. (2003). De Sitter vacua in string theory. *Phys. Rev. D*, **68**, 046005 [arXiv:hep-th/0301240].
- Kapusta, J. I. (1989). *Finite-Temperature Field Theory*. Cambridge: Cambridge University Press.
- Kolb, E. W. and Turner, M. S. (1990). *The Early Universe*. Redwood City: Addison-Wesley.
- Kribs, G. D. (2004). TASI 2004 lectures on the phenomenology of extra dimensions, arXiv:hep-ph/0605325.
- Linde, A. D. (1982). A new inflationary universe scenario: a possible solution of the horizon, flatness, homogeneity, isotropy and primordial monopole problems. *Phys. Lett.*, **108B**, 389.
- Linde, A. (1990). *Particle Physics and Inflationary Cosmology*. Reading: Harwood Academic.
- Linde, A. D. (1994). Hybrid inflation. *Phys. Rev. D*, **49**, 748 [arXiv:astro-ph/9307002].
- Lykken, J. D. (1996). Introduction to supersymmetry, arXiv:hep-th/9612114.
- Maldacena, J. M. (1997). The large N limit of superconformal field theories and supergravity. *Adv. Theor. Math. Phys.*, **2**, 231 [arXiv:hep-th/9711200].
- Manohar, A. V. and Wise, M. B. (2000). *Heavy Quark Physics*. Cambridge: Cambridge University Press.
- Martin, S. P. and Vaughn, M. T. (1994). Two loop renormalization group equations for soft supersymmetry breaking couplings. *Phys. Rev. D*, **50**, 2282 [arXiv:hep-ph/9311340].
- Masiero, A. and Silvestrini, L. (1997). Two lectures on FCNC and CP violation in supersymmetry, arXiv:hep-ph/9711401.
- Meade, P. Seiberg, N. and Shih, D. (2009). General gauge mediation, *Prog. Theor. Phys. Suppl.* **177**, 143. [arXiv:hep-ph/0801.3278].
- Mohapatra, R. N. (2003). *Unification and Supersymmetry: The Frontiers of Quark – Lepton Physics*. Berlin: Springer-Verlag.
- Murayama, H. and Pierce, A. (2002). Not even decoupling can save minimal supersymmetric $SU(5)$. *Phys. Rev. D* **65**, 055009. [arXiv:hep-ph/0108104].
- Nilles, H. P. (1984). Supersymmetry and supergravity. *Phys. Rept.*, **110**, 1.
- Olive, D. I. and Witten, E. (1978). Supersymmetry algebras that include topological charges. *Phys. Lett. B*, **78**, 97.
- Pais, A. (1986). *Inward Bound*. Oxford: Clarendon Press.
- Peet, A. (2000). TASI lectures on black holes in string theory [arXiv:hep-th/0008241].
- Perelstein, M. (2007). Little Higgs models and their phenomenology. *Prog. Part. Nucl. Phys.* **58**, 247. [arXiv:hep-ph/0512128].
- Peskin, M. E. (1985). An introduction to the theory of strings. In *Proc. Yale Summer School on High Energy Physics*, eds. M. I. Bowick and F. Gussey. World Scientific.
- Peskin, M. E. (1987). In *From the Planck Scale to the Weak Scale: Towards a Theory of the Universe*, ed. H. E. Haber. Singapore: World Scientific.
- Peskin, M. E. (1990). *Theory of Precision Electroweak Measurements*. Lectures given at 17th SLAC Summer Inst.: Physics at the 100 GeV Mass Scale, Stanford, CA.

- Peskin, M. E. (1997). In *Fields, Strings and Duality: TASI 96*, ed. C. Efthimiou and B. Greene. Singapore: World Scientific.
- Peskin, M. E. and Schroeder, D. V. (1995). *An Introduction to Quantum Field Theory*. Menlo Park: Addison Wesley.
- Peskin, M. E. and Takeuchi, T. (1990). A new constraint on a strongly interacting Higgs sector. *Phys. Rev. Lett.*, **65**, 964.
- Pokorski, S. (2000). *Gauge Field Theories*. Cambridge: Cambridge University Press.
- Polchinski, J. (1998). *String Theory*. Cambridge: Cambridge University Press.
- Politzer, H. D. (1973). Reliable perturbative results for strong interactions? *Phys. Rev. Lett.*, **30**, 1346.
- Ramond, P. (1999). *Journeys Beyond the Standard Model*. New York: Perseus Books.
- Randall, L., Soljatic, M. and Guth, A. H. (1996). Supernatural inflation: inflation from supersymmetry with no (very) small parameters. *Nucl. Phys. B*, **472**, 377 [arXiv:hep-ph/9512439].
- Randall, L. and Sundrum, R. (1999). A large mass hierarchy from a small extra dimension. *Phys. Rev. Lett.*, **83**, 3370 [arXiv:hep-ph/9905221].
- Rohm, R. (1984). Spontaneous supersymmetry breaking in supersymmetric string theories. *Nucl. Phys. B*, **237**, 553.
- Ross, G. G. (1984). *Grand Unified Theories*. Boulder: Westview Press.
- Salam, A. and Ward, J. C. (1964). Electromagnetic and weak interactions. *Phys. Lett.*, **13**, 168.
- Sannan, S. (1986). Gravity as the limit of the type II superstring theory. *Phys. Rev. D*, **34**, 1749.
- Schmaltz, M. and D. Tucker-Smith (2005). Little Higgs review. *Ann. Rev. Nucl. Part. Sci.*, **55**, 229. [arXiv:hep-ph/0502182].
- Schwartz, M. D. (2014). *Quantum Field Theory and the Standard Model*: Cambridge, Cambridge University Press.
- Seiberg, N. (1993). Naturalness versus supersymmetric nonrenormalization theorems. *Phys. Lett. B*, **318**, 469 [arXiv:hep-ph/9309335].
- Seiberg, N. (1994a). The power of holomorphy: exact results in 4-D SUSY field theories. In *Int. Symp. on Particles, Strings and Cosmology (PASCOS94)*, ed. K. C. Wali. Singapore: World Scientific [arXiv:hep-th/9408013].
- Seiberg, N. (1994b). Exact results on the space of vacua of four-dimensional SUSY gauge theories. *Phys. Rev. D*, **49**, 6857 [arXiv:hep-th/9402044].
- Seiberg, N. (1995a). The power of duality: exact results in 4D SUSY field theory. *Int. J. Mod. Phys. A*, **16**, 4365 [arXiv:hep-th/9506077].
- Seiberg, N. (1995b). Electric–magnetic duality in supersymmetric nonAbelian gauge theories. *Nucl. Phys. B*, **435**, 129 [arXiv:hep-th/9411149].
- Seiberg, N. (1997). Why is the matrix model correct? *Phys. Rev. Lett.*, **79**, 3577 [arXiv:hep-th/9710009].
- Seiberg, N. and Witten, E. (1994). Electric–magnetic duality, monopole condensation, and confinement in $N = 2$ supersymmetric Yang–Mills theory. *Nucl. Phys. B*, **426**, 19 [Erratum: *ibid. B*, **430**, 485 (1994)] [arXiv:hep-th/9407087].

- Seiden, A. (2005). *Particle Physics: A Comprehensive Introduction*. San Francisco: Addison-Wesley.
- Shadmi, Y. and Shirman, Y. (2000). Dynamical supersymmetry breaking. *Rev. Mod. Phys.*, **72**, 25 [arXiv:hep-th/9907225].
- Silverstein, E. and Witten, E. (1995). Criteria for conformal invariance of (0, 2) models. *Nucl. Phys. B*, **444**, 161 [arXiv:hep-th/9503212].
- Srednicki, M. (2007). *Quantum Field Theory*. Cambridge: Cambridge University Press.
- Strominger, A. and C. Vafa (1996). Microscopic origin of the Bekenstein–Hawking entropy. *Phys. Lett. B*, **379**, 99. [arXiv:hep-th/9601029].
- Sundrum, R. (2005). To the fifth dimension and back. In *Tasi 2004 lectures* arXiv:hep-th/0508134.
- Susskind, L. (1977). Coarse grained quantum chromodynamics. In *Weak and Electromagnetic Interactions at High Energy*, eds. R. Balian and C. H. Llewellyn Smith. Amsterdam: North-Holland.
- Terning, J. (2003). Non-perturbative supersymmetry, arXiv:hep-th/0306119.
- 't Hooft, G. (1971). Renormalization of massless Yang–Mills fields. *Nucl. Phys. B*, **33**, 173.
- 't Hooft, G. (1976). *Phys. Rev. D*, **14**, 3432; erratum: *ibid. D*, **18**, 2199 (1978).
- 't Hooft, G. (1980). In *Recent Developments in Gauge Theories*, eds. G. 't Hooft *et al.* New York: Plenum Press.
- Turner, M. S. (1990). Windows on the axion. *Phys. Rept.*, **197**, 67.
- Vilenkin, A. (1995). Predictions from quantum cosmology. *Phys. Rev. Lett.*, **74**, 846 [arXiv:gr-qc/9406010].
- Wald, R. M. (1984). *General Relativity*. Chicago: University of Chicago Press.
- Weinberg, S. (1967). A model of leptons. *Phys. Rev. Lett.*, **19**, 1264.
- Weinberg, S. (1972). *Gravitation and Cosmology, Principles and Applications of the General Theory of Relativity*. New York: John Wiley and Sons.
- Weinberg, S. (1989). The cosmological constant problem. *Rev. Mod. Phys.*, **61**, 1.
- Weinberg, S. (1995). *The Quantum Theory of Fields*. Cambridge: Cambridge University Press.
- Weinberg, S. (2000). The cosmological constant problems [arXiv:astro-ph/0005265].
- Weinberg, S. (2008). *Cosmology*. Oxford: Oxford University Press.
- Wess, J. and Bagger, J. (1992). *Supersymmetry and Supergravity*, Princeton: Princeton University Press.
- Wilson, K. G. (1974). Confinement of quarks. *Phys. Rev. D*, **10**, 2445.
- Witten, E. (1981). Dynamical breaking of supersymmetry. *Nucl. Phys. B*, **188**, 513.
- Witten, E. (1986). New issues in manifolds of $SU(3)$ holonomy. *Nucl. Phys. B*, **268**, 79.
- Witten, E. (1995). String theory dynamics in various dimensions. *Nucl. Phys. B*, **443**, 85 [arXiv:hep-th/9503124].
- Witten, E. (1998). Anti-de Sitter space and holography. *Adv. Theor. Math. Phys.*, **2**, 253 [arXiv:hep-th/9802150].
- Yang, C. N. and Mills, R. L. (1954). Conservation of isotopic spin and isotopic gauge invariance. *Phys. Rev.*, **96**, 191.