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Nota di contenuto	Preface -- A celebration of the life and works of Stanley Deser -- Causality and learning in neural systems / L. F. Abbott -- Some results in M-theory inspired phenomenology / R. Arnowitt, B. Dutta and B. Hu -- A unified view of particles and black holes in 2+1-dimensional gravity / D. Brill -- A non-geometric approach to 11-dimensional supergravity / L. Brink -- Cosmological singularities, billiards and Lorentzian Kac-Moody algebras / T. Damour -- Generalized holonomy in M-theory / A. Batrachenko ... [et al.] -- Orientifolds, Brane coordinates and special geometry / R. D'Auria, S. Ferrara and M. Trigiante -- Consistent reductions of higher dimensional gravity and supergravity theories / G. W. Gibbons -- Electric-magnetic duality in gravity / M. Henneaux and C. Teitelboim -- R[symbol] terms in supergravity and M-theory / P. Howe -- Marriage of 4-dimensional gravity to the 3-dimensional Chern-Simons term / R. Jackiw -- Einstein-ther theory / C. Eling, T. Jacobson and D. Mattingly -- Hyperboloidal slices and artificial cosmology for numerical relativity / C. W. Misner -- Some applications of the ADM formalism / J. E. Nelson

-- Integrability + supersymmetry + boundary: life on the edge is not so dull after all! / R. I. Nepomechie -- An effective field theory description for Kaluza-Klein supergravity on $AdS_5 \times S^5$ / H. Nicolai and H. Samtleben -- Massive gravity in AdS and Minkowski backgrounds / M. Porrati -- Many roads lead to N=2 Seiberg-Witten theory / S. G. Naculich and H. J. Schnitzer -- Non-commutative topologically massive gauge theory / N. Caporaso ... [et al.] -- The main postulates and results of loop quantum gravity / L. Smolin -- Counterterms, holonomy and supersymmetry / K. S. Stelle -- Milne and Torus universes meet / A. Waldron -- Diquarks as inspiration and as objects / F. Wilczek -- De sitter breaking in field theory / R. P. Woodard -- Publications of Stanley Deser -- Photographs.
