Record Nr. UNINA9910451348703321 In memory of Vernon Willard Hughes [[electronic resource]]: **Titolo** proceedings of the Memorial Symposium in Honor of Vernon Willard Hughes, Yale University, USA, 14-15 Novmber 2003 / / editors Emlyn Willard Hughes, Francesco Iachello Pubbl/distr/stampa Singapore; ; Hackensack, NJ, : World Scientific, c2004 **ISBN** 1-281-89847-3 9786611898472 981-270-242-3 Descrizione fisica 1 online resource (263 p.) Altri autori (Persone) HughesEmlyn Willard **IachelloF** Disciplina 539.7 Soggetti Muonium - Research Nuclear reactions - Research Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali "Publication List [by] Vernon W. Hughes"--p. 223-252. Includes bibliographical references. Nota di bibliografia Nota di contenuto Preface; Contents; Vernon Hughes and the Early Years of Molecular Beam Resonance Norman F. Ramsey, Higgins Professor of Physics Emeritus, Harvard University; The 46 Years of Muon g-2 Francis Farley, Visiting Senior Research Scientist, Yale University; Muonium - The Early Experiments Richard Prepost, Professor of Physics, University of Wisconsin; Muonium Lifetime and Heavy Quark Decays (Lessons Learned from Muonium) William J. Marciano, Senior Scientist, **Brookhaven National Laboratory** Recent Developments of the Theory of Muon and Electron g-2 Toichiro Kinoshita, G. Smith Professor of Physics Emeritus, Cornell University Vernon Hughes and the Quest for the Proton's Spin Robert L. Jaffe, Morningstar Professor of Physics, Massachusetts Institute of Technology; The Spin Structure of the Nucleon: A Hughes Legacy Gordon D. Cates, Professor of Physics, University of Virginia; Muon g-2:

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Sommario/riassunto

On March 25, 2003 Professor Vernon Hughes of Yale University passed away in New Haven, Connecticut. His career in physics extended over more than 50 years, and his highly influential research work contributed invaluably to numerous fundamental questions in physics. This book comprises a compilation of articles covering talks given at the Vernon Willard Hughes Memorial Symposium, which took place at Yale University in November 2003. The fascinating contributions from many leading experimental and theoretical physicists cover topics in atomic, nuclear and particle physics, as well as include rem