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Nota di contenuto	Welcoming address / Richard C. Levin -- Introductory remarks / Francesco Iachello -- Introduction to the science policy session I / Dean Paul Fleury -- D. Allan Bromley / President George H. W. Bush -- Introduction of Governor John Sununu / Dean Paul Fleury -- Science policy : for show or effect? / Governor John H. Sununu -- Introduction of Dean Mary Good / Dean Paul Fleury -- Technology policy : from Bromley to 2005 / Dean Mary Good -- Introduction to the science policy session II / Ramamurti Shankar -- Allan Bromley, civic scientist / Neal Lane -- Introduction of Dr. John Marburger / Ramamurti Shankar -- Science and policy / John H. Marburger III -- Simplicity and complexity in the nuclear many-body system : a perspective on nuclear structure physics / Richard F. Casten -- Precise electro-weak studies : an essential component of the world-wide nuclear physics program / Anthony W. Thomas -- Evidence for a quark-gluon plasma at RHIC / John W. Harris -- Quests in nuclear astrophysics / Hendrik Schatz -- Neutrino physics and astrophysics / Arthur Bruce McDonald -- Hadrons and nuclei - perspectives for Europe / Walter F. Henning -- Future paths of low-energy nuclear physics in the U.S. / Donald Franklyn

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Sommario/riassunto

This book covers two aspects of the career of D Allan Bromley : the science policy aspect and the scientific aspect. In the first half of the book, contributions from Governor John Sununu, former White House Chief of Staff under President George H W Bush; Neal Lane, former Science Adviser to President William Clinton; John Marburger III, Science Adviser to President George W Bush; and Mary Good, former Undersecretary of Commerce, highlight the role of Bromley as Science Adviser to President George H W Bush and a maker of science policy in the second part of the 20th century. This part is of interest to science policy scholars, historians, and young persons wishing to start a career in science policy. In the second half of the book, articles by directors of laboratories and leading scientists discuss future programs in all areas of nuclear physics - low-energy, medium-energy and high-energy - to which Bromley greatly contributed, in the USA, Europe and Japan. This part of the book is of interest to all researchers in the field of nuclear physics, as it provides a comprehensive but succinct overview of the field and indicates directions for future research in the first part of the 21st century.
