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jeremy bernstein born december 31 1929 is an american theoretical physicist and popular science writer early life bernstein s parents philip s bernstein a reform rabbi and sophie rubin bernstein named him after the biblical jeremiah the subject of his father s masters thesis jeremy bernstein born dec 31 1929 rochester n y u s is an american physicist educator and writer widely known for the clarity of his writing for the lay reader on the major issues of modern physics chapter topics include waves as particles and particles as waves atoms and the bohr model the schrödinger equation barriers and wells statistical physics conductors insulators and superconductors and elementary particle physics modern physics by bernstein jeremy 1929 publication date 2000 topics physics publisher upper saddle river nj bernstein s biographical profiles of physicists including robert oppenheimer hans bethe albert einstein john stewart bell and others draw on his experiences of personal acquaintance bernstein s latest publication is a bouquet of dyson and other reflections on science and scientists 2018 bernstein brings the reader on a journey from the nevada nuclear testing fields in the 1950s to the present day situations in iran and north korea while delving into the physics and science behind the bomb access restricted item true addeddate 2022 03 16 09 58 47 associated names fishbane paul m gasiorowicz stephen bookplateleaf modern physics 00 by bernstein jeremy fishbane paul m gasiorowicz stephen g hardcover 2000 hardcover january 1 2000 by bernstein author 4 1 4 1 out of 5 stars 18 ratings modern physics for sophomore level courses in modern physics this comprehensive text provides a clear correct and up to date introduction and survey of the topics of importance to bernstein takes a different approach and studies what can be concluded from the application of kinetic theory and in particular the boltzmann equation and its solutions to cosmological problems subjects history and philosophy of physics physics hist ph classical physics physics class ph a personal history of developments in physics in the period 1940 1960 bernstein hung around with all the big names in physics and tells many amusing in insightful anecdotes if you love physics and know a little about it this book is for you aron bernstein professor emeritus of physics and longtime anti nuclear proliferation activist died on jan 14 after a short battle with cancer he was 88 aron bernstein joined mit in 1961 and taught a broad range of physics courses from first year to graduate level for 40 years bernstein s new book is a splendid brief biography of oppenheimer originally intended as a new yorker profile bernstein is very good at describing the physicist s strengths ira borah bernstein born november 8 1924 is an american theoretical physicist specializing in plasma physics he was the first person to formulate the theory of electrostatic waves propagating in a magnetized plasma in 1958 which are now commonly known as bernstein waves in plasma physics i am a professor in the department of physics astronomy at the university of pennsylvania i have worked on instrumentation and a little bit of theory but mostly focussed on astronomical image processing data analysis and statistics research areas observational astrophysics cosmology garyb physics upenn edu 215 573 6252 4n1 david rittenhouse laboratory website professor bernstein s research centers on extracting gems of astronomical knowledge from large piles of astronomical images bernstein was among the scientists who devised techniques now commonly used in femtochemistry the study of chemical events that occur in only about one quadrillionth of a second or femtosecond these techniques permit scientists to record sequences of chemical snapshots that illuminate fine details of rapid complex reactions richard barry bernstein october 31 1923 july 8 1990 was an american physical chemist he is primarily known for his research in chemical kinetics and reaction dynamics by molecular beam scattering and laser techniques theoretical physicist herbert bernstein devised a theory superdense quantum teleportation more than a decade ago in his investigations of different ways to send a quantum state from one part of a laboratory to a remote station

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jeremy bernstein born december 31 1929 is an american theoretical physicist and popular science writer early life bernstein s parents philip s bernstein a reform rabbi and sophie rubin bernstein named him after the biblical jeremiah the subject of his father s masters thesis

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jeremy bernstein born dec 31 1929 rochester n y u s is an american physicist educator and writer widely known for the clarity of his writing for the lay reader on the major issues of modern physics

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ira borah bernstein born november 8 1924 is an american theoretical physicist specializing in plasma physics he was the first person to formulate the theory of electrostatic waves propagating in a magnetized plasma in 1958 which are now commonly known as bernstein waves in plasma physics

gary m bernstein professor of physics astronomy

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i am a professor in the department of physics astronomy at the university of pennsylvania i have worked on instrumentation and a little bit of theory but mostly focussed on astronomical image processing data analysis and statistics

gary bernstein department of physics and astronomy

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bernstein was among the scientists who devised techniques now commonly used in femtochemistry the study of chemical events that occur in only about one quadrillionth of a second or femtosecond these techniques permit scientists to record sequences of chemical snapshots that illuminate fine details of rapid complex reactions

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richard barry bernstein october 31 1923 july 8 1990 was an american physical chemist he is primarily known for his research in chemical kinetics and reaction dynamics by molecular beam scattering and laser techniques

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