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Nota di contenuto	Early scientific activities of John Paul Cox -- The evolution of variable stars -- Evolution of cepheids with pulsationally driven mass loss -- Mixing core material into the envelopes of red giants -- Pulsations of B stars-A review of observations and theories -- Stability of radial and non-radial pulsation modes of massive ZAMS models C -- Linear nonadiabatic pulsations of homogeneous ZAMS stars -- Thirteen-color photometry of BW-Vulpeculae: Revisited -- Spectroscopy and photometry of the optical photosphere of BW Vulpeculae: Radiative transfer, ionization, and opacity effects -- BW Vulpeculae pulsation kinematics -- High resolution observations of iota herculis -- The observational status of ? cephei stars -- Periodic line profile and photometric variations in mid-b stars -- Nonlinear behavior of nonradial oscillations in ? per -- The nature of 53 persei -- Preliminary results of a survey for line profile variations among the O stars -- The Maia stars - A real class of variable stars -- Empirical-theoretical modeling of Be variable mass-loss via variable: Photospheric mass-

outflow; Coronal opacity; Radiation-amplified wind-piston, driving pulsating cool-envelope -- Low frequency oscillations of uniformly rotating stars and a possible excitation mechanism for variable B stars -- Oscillations in massive spinning stars -- Rapidly oscillating Ap stars and Delta Scuti variables -- The unusual Delta Scuti star τ 2 Tau -- Period variations in SX PHE stars: CY AQR, DY PEG and HD 94033 -- Far-ultraviolet observations of the Delta-Scuti variable Beta Cassiopeiae -- Recent observations of some rapidly oscillating Ap stars -- Are there any true τ set Ap stars? -- Searches for rapid line profile variations of two pulsating CP2 stars: HD 128898 and HD 201601 -- Nonradial pulsations of τ Scuti stars -- Cepheids: Problems and possibilities -- A possible solution to the cepheid mass problem? -- The mass of the classical Cepheid SU Cygni -- BM cas: Rosetta stone Manqué -- Cepheid period-radius relations -- The cepheid temperature scale -- Properties of the light curves of s-Cepheids -- Light curves for Cepheids in NGC 6822 -- The luminosities of the binary Cepheids SU Cyg, SU Cas, and W Sgr -- Frequency analysis of the unusual short-period Cepheid EU Tauri -- Double mode pulsators in the instability strip -- Fourier decomposition of LMC cepheid light curves -- Time-dependent fourier analysis, application to nonlinear pulsations of stellar models -- A study of time-evolving hydrodynamic cepheid models -- Hydrodynamic models of bump cepheids -- Modeling of cepheid behavior in the infrared -- Field RR Lyrae stars -- On the mixed-mode RR Lyrae variables in the globular cluster Ic 4499 -- VBLUW photometry of RR Lyrae stars in τ cen and M4 -- A surface brightness analysis of eight RR Lyrae stars -- A universal period-infrared luminosity relation for RR Lyraes? -- Nonlinear RR Lyrae models with time dependent convection -- The structure of variable star light curves -- Long-period variables -- Multiperiodicity in the light curve of alpha orionis -- A periodic variation in the radial velocity of arcturus -- RHO Cassiopeiae: A hyperbright radial pulsator? -- Population II variables -- Simultaneous optical and infrared photometry of RV Tauri stars -- RV Tauri stars: The resonance hypothesis -- Comparison of observational and theoretical parameters for short-period Type II cepheid variables -- Some current problems in helioseismology -- The intermediate-degree f-mode multiplets of the sun -- Comparison of 1983 and 1979 SCLERA observations -- Confirmation of detection and classification of low-order, low-degree, acoustic modes with 1985 observations -- R-mode oscillations in the sun -- Inverse problem of solar oscillations -- Nonadiabatic, nonradial solar oscillations -- Pulsational analyses of post planetary nebula central stars and degenerate dwarfs -- Constraints on the atmospheric compositions of PG1159-035 and similar pulsating stars -- PG 1346+082: An interacting binary white dwarf system -- A search for hot pulsators similar to PG 1159-035 and the central star of K 1-16 -- What are high l modes, if anything? -- Pulsations of white dwarf stars with thick hydrogen or helium surface layers -- Ensampling white dwarf g-modes -- Uniform period spacings in white dwarf models -- Theoretical expression for the rates of chance of non-radial pulsation periods in rapidly evolving stars -- Secular instabilities of rotating neutron stars -- Nonlinear pulsations of luminous He stars -- Pulsations of cataclysmic variables -- On the 9.25 minute X ray oscillations of V471 Tauri -- Hydrodynamic studies of oxygen, neon, and magnesium novae -- Capabilities of the hubble space telescope for variable-star research -- An asteroseismology explorer.
