

NASA IUE PREPRINTS

(Received since Newsletter No. 28)

- "Investigation of Random and Fixed Pattern Noise in High Dispersion IUE Spectra", S. Adelman and D. Leckrone.
- "The Ultraviolet IUE Spectrum of the Population II Horizontal-Branch A Star HD 109995", S. Adelman and D. Leckrone.
- "Discovery of an Accretion Shock Cone in 22 Vulpeculae", I. Ahmad and S. Parsons.
- "Ultraviolet Spectrum and Probable Chemical Composition of the High-Excitation Planetary Nebula M1-1", L. Aller, et al.
- "Prediction of an H<sub>2</sub><sup>+</sup> Satellite Feature at 1100 Å in the Spectra of DA White Dwarf Stars," S. Digel and H. Shipman.
- "Interstellar Zinc Revisited: Possible Depletion in High Density Sight-Lines", A. Harris and J. Mas Hesse.
- "The Outer Atmosphere of Procyon (α CMi F5 IV-V): Evidence of Supergranulation or Active Regions", C. Jordan, et al.
- "The Stellar Population in the Wolf-Rayet Knot in NGC 5430", W. Keel.
- "IUE Observations of Interstellar Hydrogen Deuterium Toward Alpha Cen B", W. Landsman, et al.
- "Temperatures for Hot and Pulsating DB White Dwarfs Obtained with the IUE Observatory", J. Liebert, et al.
- "Ultraviolet, Optical, Infrared, and Microwave Observations of HR 5110", I. Little-Marenin, et al.
- "The Intrinsic UV Continua of O Stars", D. Massa and B. Savage.
- "H1504+65: The Hottest Degenerate Yet", J. Nousek, et al.
- "The Extinction Law in the Open Cluster NGC 457 and the Intrinsic Energy Distribution of φ Cas (FOIa)", P. Rosenzweig and N. Morrison.
- "Analysis of UV Spectrum (2000 Å to 3000 Å) of Vega", K. Sadakane.
- "Continued Ultraviolet Studies of Some Be Stars of Later Type", A. Slettebak.
- "The Abundance of Gallium in B-Type Chemically Peculiar Stars," M. Takada-Hidai.
- "Observations of 3 BL Lacertae Objects: Constraints on Inhomogeneous Relativistically-Beamed Jet Models", D. Worrall, et al.
- "Colors of Reflection Nebulae. III. UV Scattering by Small Particles in the Reflection Nebulae Associated with 17, 20 and 23 Tau", A. Witt, et al.

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- "S<sub>2</sub>: A Clue to the Origin of Cometary Ice?", J. Klinger et al. (eds.), in "Ices in the Solar System", D. Reidel Publ. Co., p. 463, 1985.
- "The Newly Discovered Eclipsing Supergiant 22 Vulpeculae", T. Ake, et al., 1985, Ap.J., 298, 772.
- "The Effective Temperature of the White Dwarf Star and ZZ Ceti Candidate Wolf 485A", 1984, PASP, 96, 996.
- "He2-36: A Planetary Nebula with a High-Velocity Jet?", W. Feibelman, 1985, A. J., 90, 2550.
- "The Ultraviolet Spectrum of the Planetary Nebula M3-27", W. Feibelman, 1985, PASP, 97, 404.
- "Ultraviolet Albedo of Cometary Grains", P. Feldman and M. A'Hearn, J. Klinger et al. (eds.), in "Ices in the Solar System", D. Reidel Publ. Co., p. 453, 1985.
- "Ultraviolet Spectroscopy of Cometary Comae: An Update", P. Feldman, 1984, Adv. Space Res., Vol. 4, No. 9, 177.
- "Ultraviolet Interstellar Absorption Toward Stars in the Small Magellanic Cloud. IV. Highly Ionized Gas Associated with the Small Magellanic Cloud", E. Fitzpatrick, and B. Savage, 1985, Ap. J., 292 122.
- "Spectrum Synthesis Study of Selected Ultraviolet Metal Lines in Hot DA White Dwarf Stars", R. Henry, et al., 1985, Ap. J. Suppl., 57, 145.
- "The UV Spectrum of the Symbiotic Binary AR Pavonis During Eclipse Egress", J. Hutchings and A. Cowley, 1982, PASP, 94, 107.
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- "Time-Resolved UV Spectroscopy of Be Ursae Majoris", J. Hutchings and A. Cowley, 1985, PASP, 97, 328.
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- "The August 1984 Eclipse of 22 Vulpeculae", S. Parsons, et al., 1985, PASP, 97, 725.
- "Simultaneous IUE and Ground-Based Observations of 48 Librae", M. Rovira, et al., 1985, Rev. Mexicana Astron. Astrof., 10, 245.

- "The Resonance Lines of B II and Be II in Hg-Mn Stars", K. Sadakane, et al., 1985, Ap. J., 297, 240.
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- "The IUE Spectrum of AX Monocerotis", J. Sahade and E. Brandi, 1985, Rev. Mexicana Astron. Astrof., 10, 229.
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