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**A CATALOGUE OF SHORT PERIOD PULSATING VARIABLE STARS
OF A AND F SPECTRAL CLASSES**

Delta Scuti, SX Phoenicis, rapidly oscillating Ap stars and some bright RRc type RR Lyrae variables are collected in a new catalogue. The database contains 415 stars (version Oct. 11, 1993), listed by Hipparcos Input Catalogue number, i.e. according to 2000.0 equatorial coordinates.

The content of the columns:

1. HIC number (Hipparcos Input Catalogue)
2. HR number (Bright Star Catalogue)
3. HD number (Henry Draper Catalogue)
4. SAO number (Smithsonian Astr. Obs. Catalogue)
5. Right ascension (2000.0 if the star is included in HIC)
6. Declination (2000.0 if the star is included in HIC)
7. V magnitude (HIC)
8. B-V colour index (HIC)
9. U-B colour index (BSC)
10. Period of variation (only the most relevant, in days, approx.)
11. Amplitude of variation (in magnitude)
12. Spectral type and luminosity class (HIC)
13. Rotational velocity ($v \times \sin i$ in km/s)
14. Type of variability and binarity:
 - Delta Scuti.....DS
 - SX Phoenicis.....SX
 - RR Lyrae.....RR
 - rap. oscill. Ap.....AP
 - suspected variable.....?
 - α CVn variable.....a
 - visual binary.....v
 - spectroscopic binary.....s
 - eclipsing binary.....e
15. *: if the star is also found in the catalogue containing 298 stars of Garcia et al. (1993a, 1993b)

The main differences between the present database and the catalogue of Garcia et al. are: our catalogue also contains the suspected Delta Scuti type and roAp stars but it does not contain references and some astrophysical data (e.g. Strömgren photometry, radial velocity, parallax and GCVS remarks). The data of our collection are based on earlier catalogues and individual papers.

A list on 34 binary Delta Scuti stars can be found in Szatmáry (1990).

We hope, that the catalogue is useful not only for the Delta Scuti specialists, because it helps to keep out these stars at the selection of comparison stars.

The catalogue is available from the author via E-mail or on your own diskette (IBM 1.2 or 1.44 Mbyte floppy). A handling program in Turbo Basic code is also available, upon request, which makes a selection by name of stars, catalogue number, constellation, spectral type, pulsation and binarity type or according to a given interval of coordinates, magnitudes, period, amplitude and rotational velocity.

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