## Flare Stars Database

At present in the Galaxy there are more than 1500 known flare stars (UV Ceti type variables) discovered mainly during the last 30 years. All flare star discoveries are practically the result of the long term monitoring work with Wide-field telescopes. As a product of the endeavour and efforts of many astronomers we now have some catalogues of flare stars in stellar aggregates, as well as in the Solar vicinity.

A standard data-processing package of programmes for the existing catalogues of flare stars in computer readable form in the field of the stellar aggregates Orion M 42/43 (Natsvlishvili 1991), Pleiades (Tsvetkov et al. 1993), Praesepe (Tsvetkova et al. 1992), Cygnus (Tsvetkov & Tsvetkova 1990), Coma Berenices cluster (Erastova 1981), in the Solar vicinity — N.I. Shahovskaya (1978), Pettersen (1976), Semkov et al. (1988) and the subcatalogues of flare stars from the General Catalogue of Variable Stars (Kholopov 1985), subsequent Name-lists of Variable Stars and the New Catalogue of Suspected Variable Stars (Kholopov 1982) is prepared.

The programme package is realised for personal computers IBM XT/AT or compatible in Turbo C 2.0++. It gives flexible environment for easier access to the data, consisting of the characteristics of the flare stars and the literature describing them.

The following functions are realized:

- editing a record of a chosen catalogue;
- · sorting the records by a chosen flare star characteristic;
- extracting of records of fixed indication;
- · addition of new records;
- deletion of records;
- printing of records.

The input of new data for processing with the software package is realized in interactive mode and convenient form for the users.

It is permitted to delete an existing catalogue, if different reasons require to remove it.

The reported database will be at the disposal of astronomers during the meeting of the Working Group in Potsdam this year.

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