

## CATALOGUE OF RADIAL VELOCITIES AND POSITIONS FROM OBJECTIVE PRISM PLATES

J. Stock

Centro de Investigaciones de Astronomía  
Venezuela

*Received 1985 May 22*

Objective prism plates are used to determine positions, approximate radial velocities, magnitudes, and spectral types for 10055 stars in a selected southern zone. The catalogue produced is the first part of an extensive survey which serves as a finding list for possible high velocity stars, and which may contribute to the study of the kinematic characteristics of the Milky Way Galaxy. This catalogue is presented on microfiche.

A description of the observations and reduction techniques used to produce the following catalogue can be found in Stock (1984).

The content of the catalogue is the following:

- Column 1: Running Number.
- Column 2-4: Right Ascension, equinox 1950.0
- Column 5-7: Declination.
- Column 8: Spectral type.

Column 9: Photographic magnitude.

Column 10: Radial velocity.

*Key words:* RADIAL VELOCITIES

Column 11: Number of plate pairs.

Column 12: Total weight.

Column 13: Number in the Yale Catalogue.

Column 14: HD-Number.

Column 15: An asterisk indicates that the star is listed by Stock and Wroblewski (1971)

### REFERENCES

- Stock, J. 1984, *Rev. Mexicana Astron. Astrof.*, 9, 77.
- Stock, J. and Wroblewski, H. 1971, *Publ. Dept. Astr. Univ. Chile*, 2, 3.

Jurgen Stock: Centro de Investigaciones de Astronomía "Francisco J. Duarte", Apartado Postal 264, Mérida 5101-A, Venezuela.