

## 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.