

COMMISSION 27 OF THE I. A. U.
INFORMATION BULLETIN ON VARIABLE STARS

Number 3023

Konkoly Observatory
Budapest
13 May 1987
HU ISSN 0374-0676

THE PROPER MOTION OF THE AGK3 VARIABLE STARS. IV.

WY Cyg - YY Cyg - R Lac

This is the fourth note on a program conducted to check the proper motion of the AGK3 red variable stars which seem to be affected by systematic errors (Stephenson 1978).

In the previous notes (López 1986; López and Cesco 1986; López and Torres 1987) the redeterminations of the proper motions of CR Gem, SS Vir and RX Peg were reported, the results being quite different from the values quoted in the AGK3 but in good agreement with other determinations, thus confirming Stephenson's (1978) hypothesis.

In this note, we want to draw attention to three stars: AGK3 +44 1985 = WY Cyg, AGK3 +42 2014 = YY Cyg and AGK3 +42 2207 = R Lac for which the AGK3 proper motions seem to be spuriously large when compared with previous determinations (e.g. Palmer 1945; Alden and Osvals 1961). Since first-epoch positions are not available to us, we are not able to attempt the redetermination of new proper motions.

Carlos E. López
Juan G. Sanguin
Obs. "Félix Aguilar"
Avda. Benavídez 8175 (oeste)
5413 Chimbass - San Juan
Argentina

References:

- Alden, H.L., Osvals, V. (1961). Publ. Leander McCormick Obs. XI, 111.
López, C.E. (1986). IBVS No. 2864.
López, C.E., Cesco, M.R. (1986). IBVS No. 2940.
López, C.E., Torres, J.E. (1987). IBVS No. 2980.
Palmer, F. (1945). Lund Medd. Ser. II No. 118
Stephenson, C.B. (1978). Astron. J. 83, 816.