ON THE CCD-STUDY OF THE RED DOUBLET OF IONIZED SILICON
IN THE SPECTRUM OF $\beta$ Lyr RADIAL VELOCITIES AND MAGNETIC FIELD

M. Yu. SKULSKIJ*, S. I. PLACHIND**, Yu. F. MAL'KOV**
* Lviv Polytechnical Institute, Lviv 290060, Ukraine
** Crimea Astrophysical Observatory, Nauchny 334413, Ukraine

ABSTRACT Spectral CCD observations of $\beta$ Lyr in SiIII 6347 A and 6371 A lines have been carried out. Radial velocity curves and masses of both companions (2.9 $M_\odot$ and 13.2 $M_\odot$) of the close binary system have been obtained. From Zeeman CCD-spectrograms a magnetic field of the bright component has been confirmed.