

ROTATION OF THE MASS DONORS IN SYMBIOTIC STARS

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We have measured the rotational velocities ($v \sin i$) of the mass donors for 40 symbiotic stars using the cross-correlation function (CCF) method, on the base of high-resolution spectra from the 2.2m telescope and FEROS spectrograph (ESO, La Silla). In a sub-sample of 15 S-type symbiotic stars (with known orbital periods and well measured rotation) we did not find evidence for a statistically significant deviation from the synchronization for any of these 15 objects. Other problem that we are investigating is: do the mass-donors in symbiotic stars rotate faster than isolated giants.