

On the Mass Transfer and Accretion in Symbiotic Binaries

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Abstract

My contribution will be focused to the principal interaction between the binary components of symbiotic stars - the mass transfer via the wind, which is responsible for the appearance of the symbiotic phenomenon. I will briefly introduce the way how to estimate the mass-loss rate from the giant, and point the long-standing problem between the high luminosity of the burning white dwarf and its deficient fueling by the giant in the canonical Bondi-Hoyle accretion mechanism. Possible solution of this mass-transfer problem by focusing the giant wind towards the orbital plane will be discussed.