

Spectangular – spectral disentangling for detailed chemical analysis of binaries

Daniel P. Sablowski

Disentangling of spectra helps to improve the orbit parameters and allows detailed chemical analysis. Spectangular is a GUI program written in C++ for spectral disentangling of spectra of SB1 and SB2 systems. It is based on singular value decomposition in the wavelength space and is coupled to an orbital solution. The results are the component spectra and the orbital parameters.

