

The thesis focuses on the analysis of the light curve of eclipsing binary called CzeV 371 Aur by program PHOEBE. The data were collected during five years, each season is analysed separately. This binary is a detached system consisting of two main sequence stars of the spectral type K with the period of 0,90696 days. Other parameters of this system are the inclination  $i = 85,19^\circ$  or the temperature of the secondary component  $T_2 = 4060 K$  assuming the temperature of the primary component  $T_1 = 4200 K$ . This system is interesting for asymmetries on the light curve, which are changing during the years. These can be interpreted as a spot on the primary component. According to the character and the rate of its changes, we can say that it is probably not the same spot in all seasons, but it is rather a group of smaller short-lived spots.