



Figure 7.8b – V/R variation of H α profile in 2011 from March to July in which the periastron had occurred. The position of high-density part represents by the white region in the disc is depend on the V/R ratio with respect to the observer's line of sight toward the star which indicates by the arrows. The V/R variation from 28th May to 17th July shows a period of the V/R cycle less than 50 days. This period is very short for one-armed oscillation model. From the drawing, the disc supposed had a faster rotation rate during or near the periastron passage. Thus, it is likely that the perturbation stem from the tidal effect of the companion.