

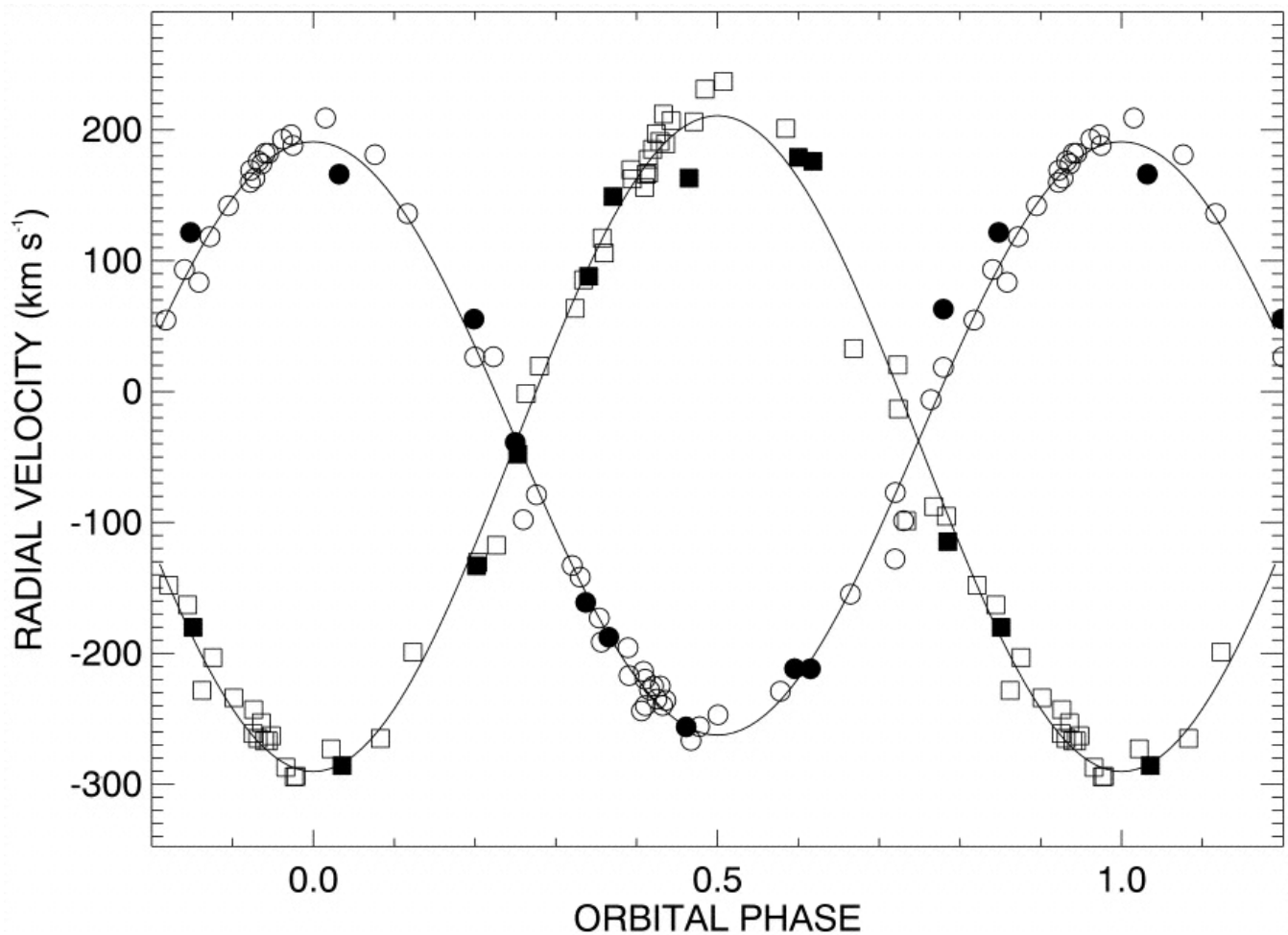
Topic 5: Measuring binary stars

Questions for discussion:

- 1) What are some ways that we can directly measure the masses of single stars?

Homework question:

Q5) a) For this dataset, determine $m \sin i$ for the two binary components (note that the period of the binary is 2.11 days):



b) Estimate the luminosities of the two stars.