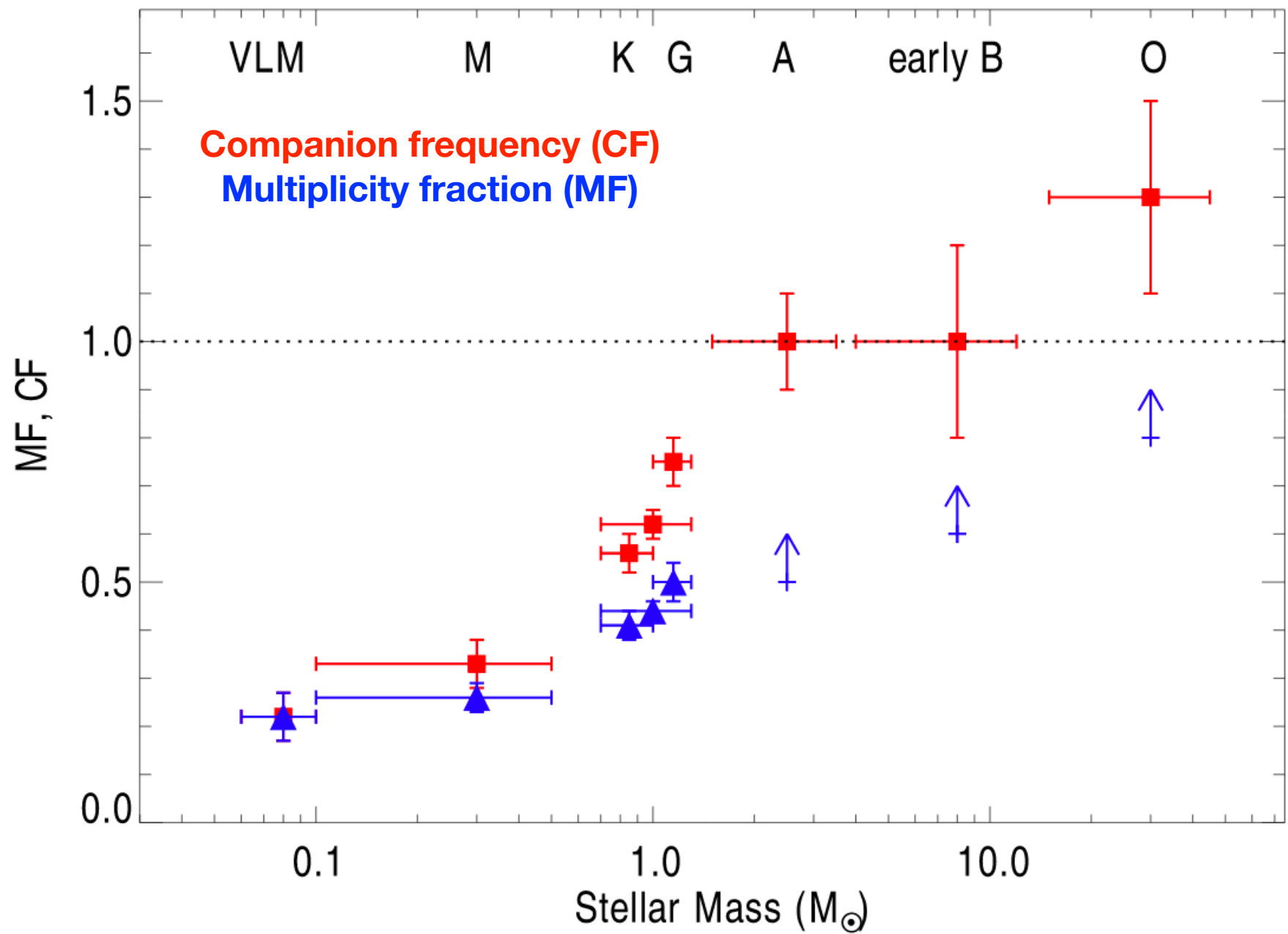
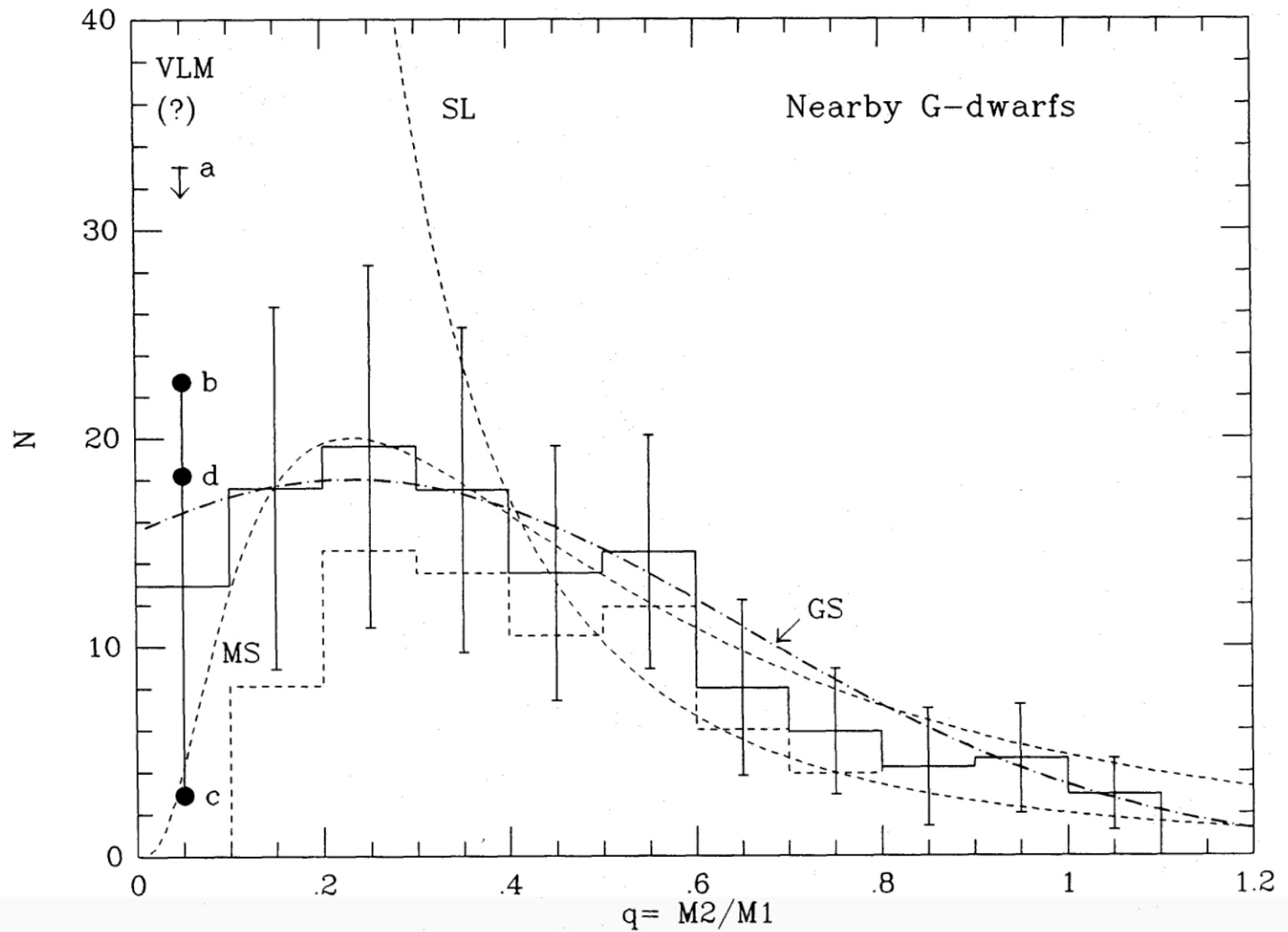


# Dynamics: binaries and interactions

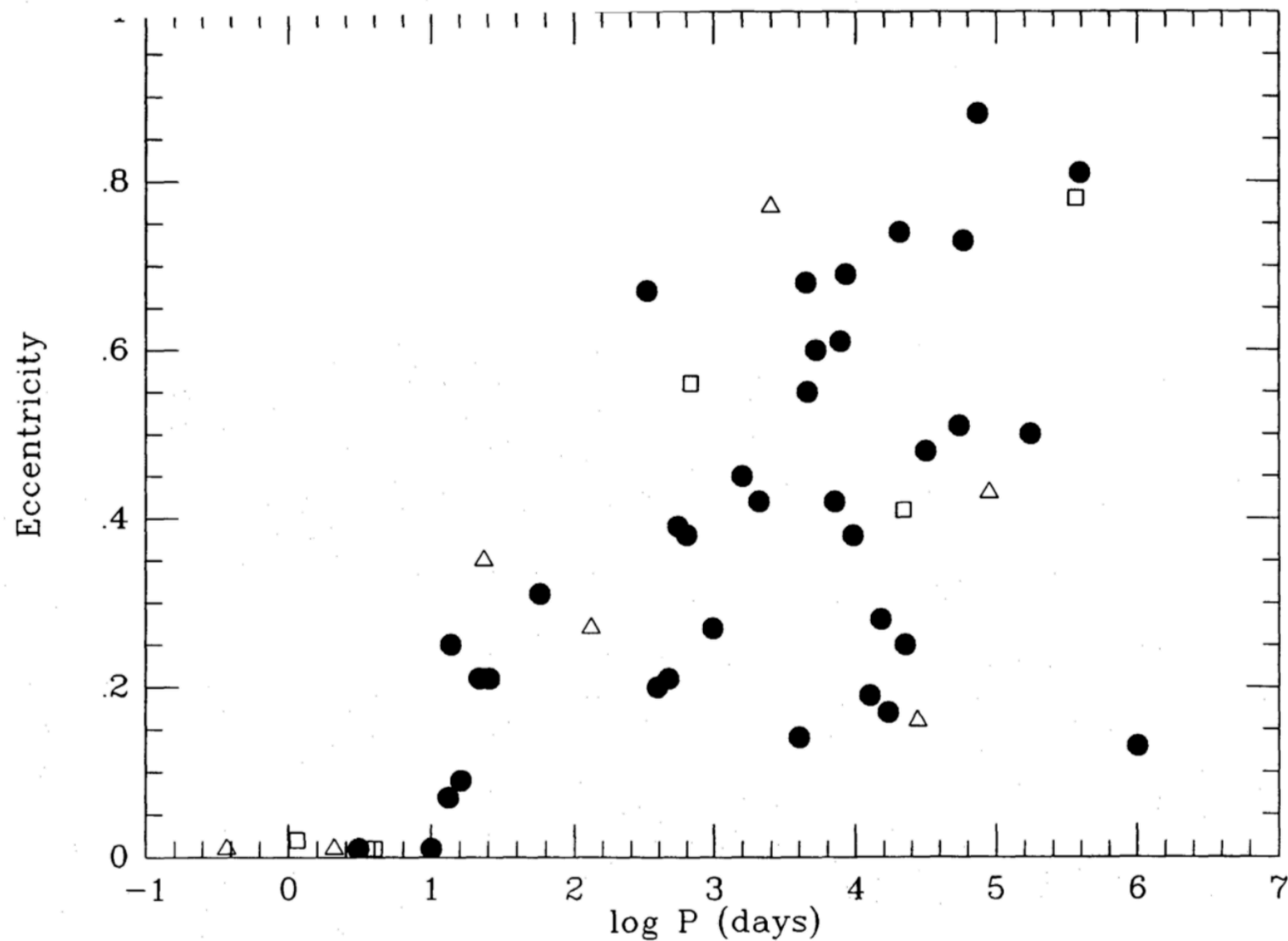
Ay 20, Fall 2019, Lecture 16  
*Vikram Ravi*



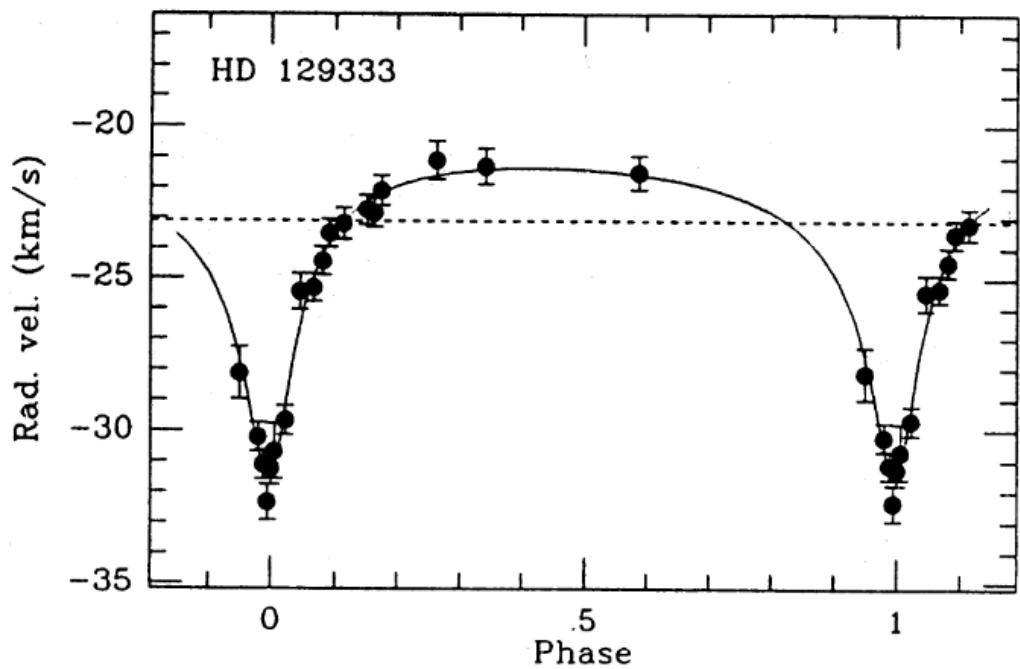
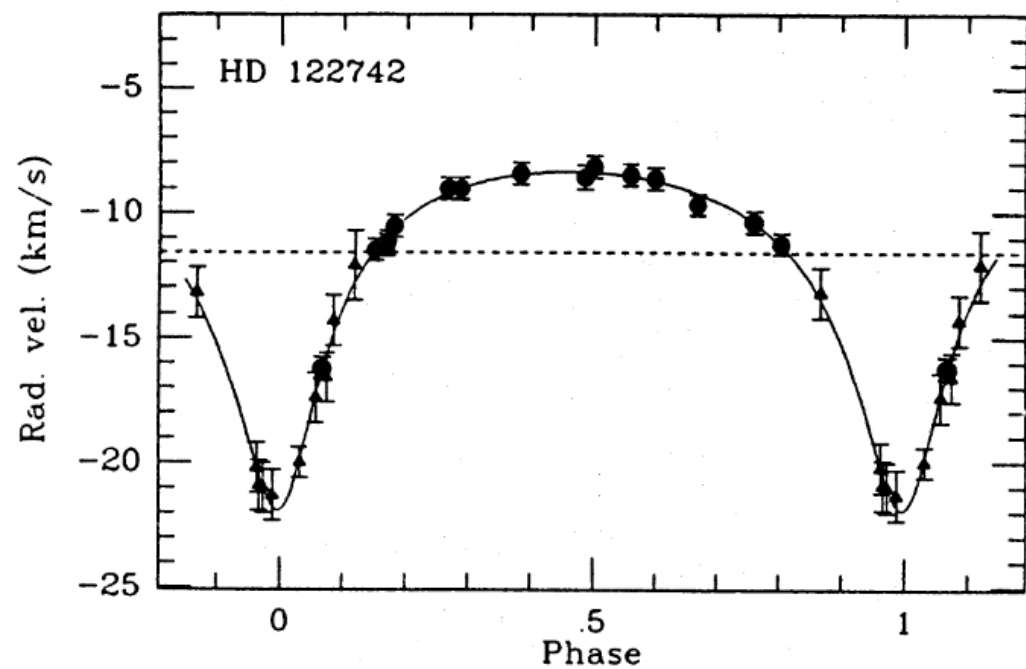
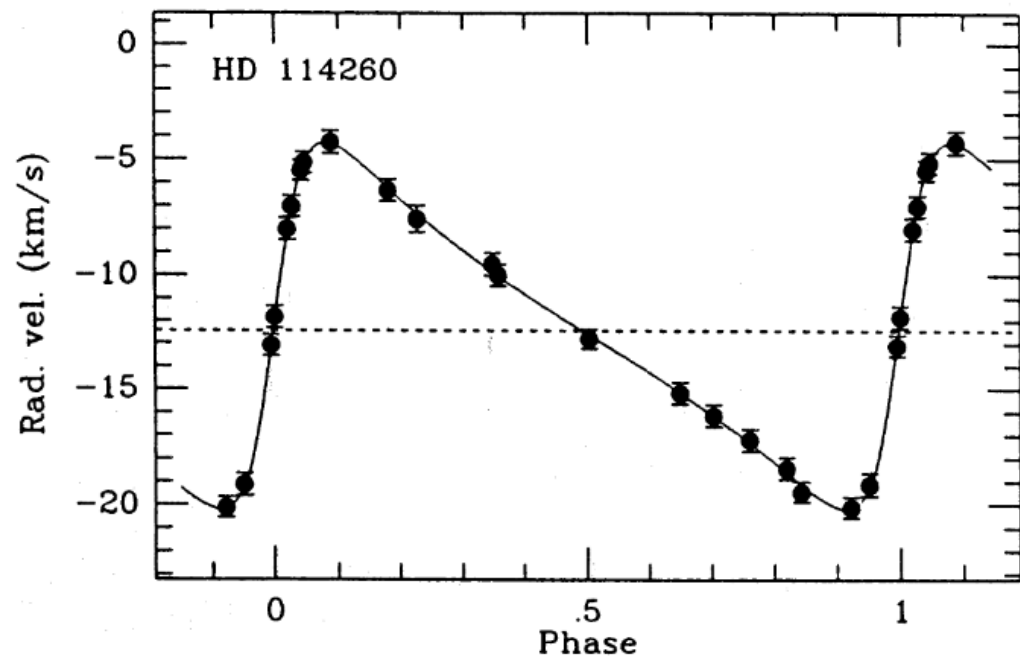
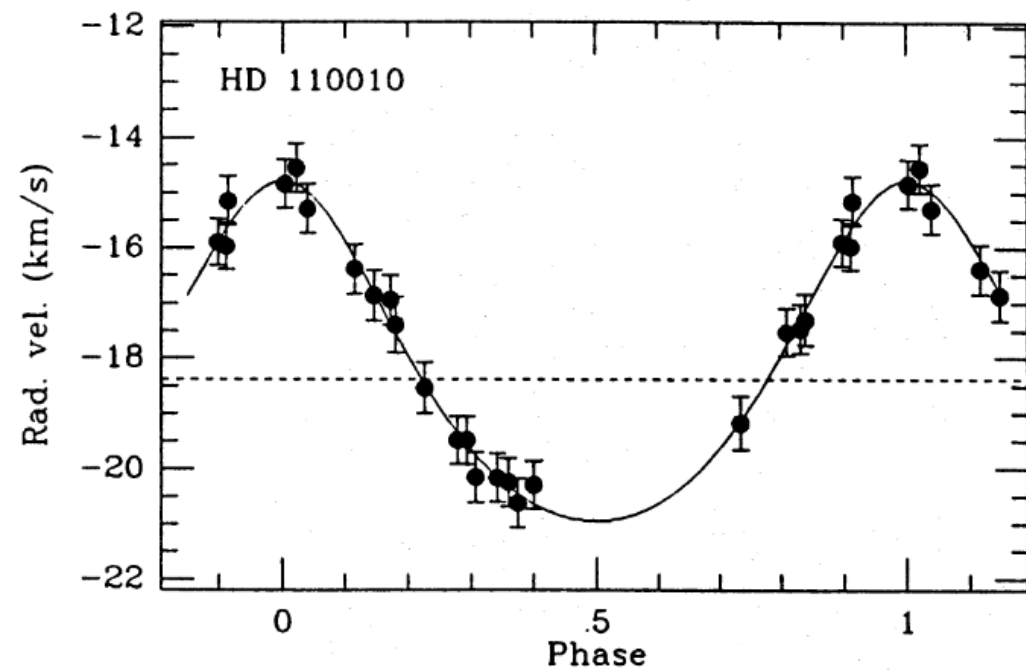
Duchene & Kraus 2013



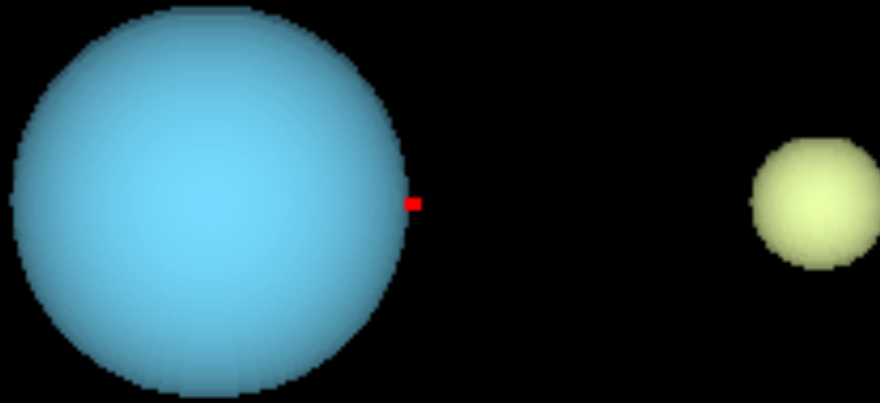
Duquennoy & Mayor 1991



**Fig. 5.** Diagram eccentricity versus period for the complete nearby G-dwarf sample. Note the strong circularization effect due to tidal stresses for short periods binaries. The symbols are according to the multiplicity of the system: ● double, △ triple, □ quadruple



Duquennoy & Mayor 1991



Total Brightness

