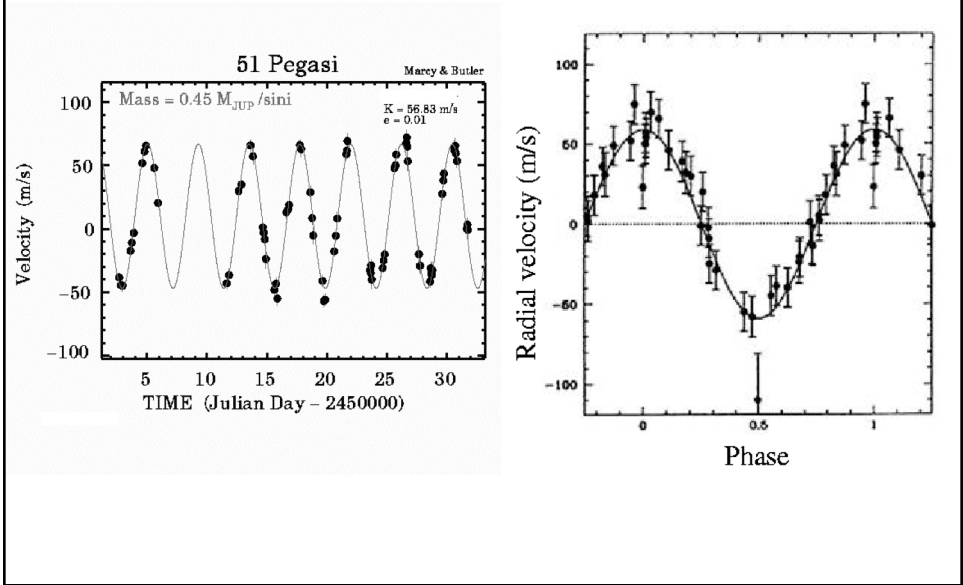
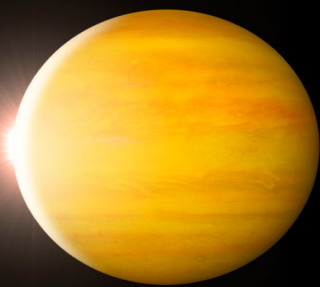


1st Radial Velocity (RV) Exoplanet Discovery



THE FIRST PLANET DISCOVERED AROUND A SUN-LIKE STAR



51 Pegasi b

Discovered October 6, 1995

This year we celebrate the discovery of 51 Pegasi b in October, 1995. This giant planet is about half the size of Jupiter and orbits its star in about 4 days. '51 Peg' helped launch a whole new field of exploration.

TEMPERATURE

51 Pegasi b has a temperature of **1000C°/1800F°**.

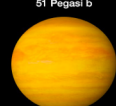

ORBITAL PERIOD

51 Pegasi b orbits its host star **every 4 days**.

DISTANCE FROM EARTH


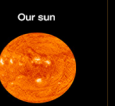
51 Pegasi b is **50 light-years** from Earth.

PLANET COMPARISON

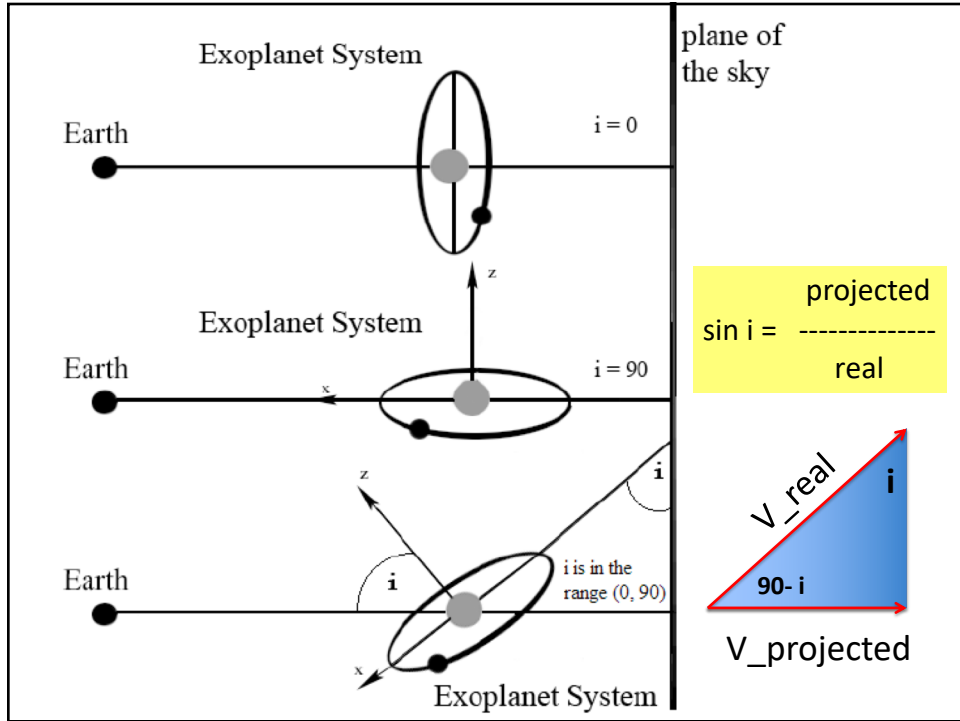



51 Pegasi b is **47% less massive**, but **50% larger** than Jupiter.

STAR COMPARISON

51 Pegasi is **11% more massive** and **23% larger** than our sun.



What causes the unusual shape to this curve?

