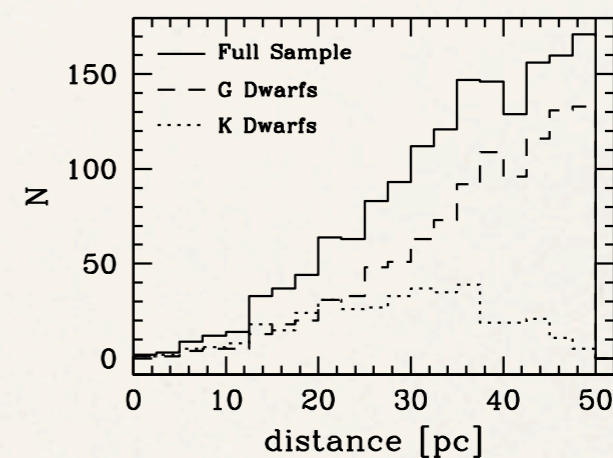
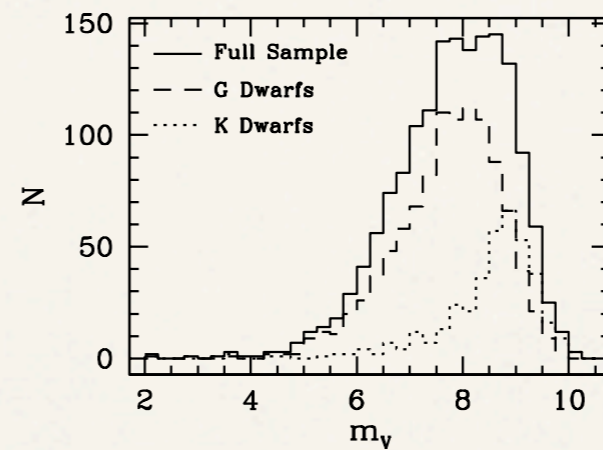
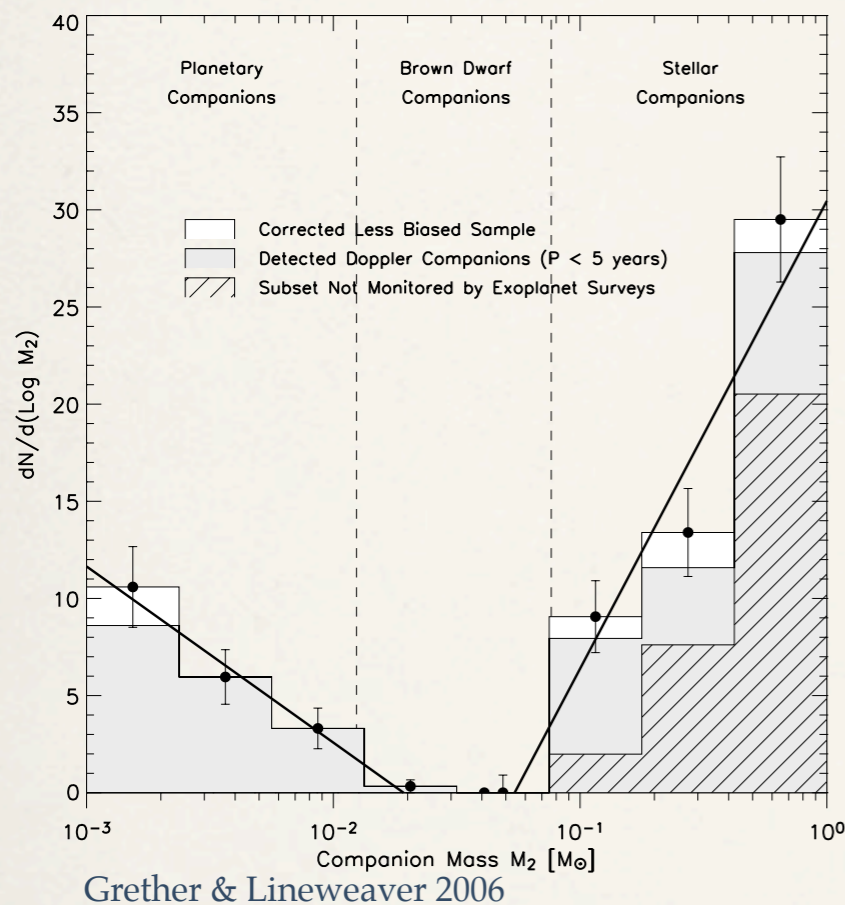
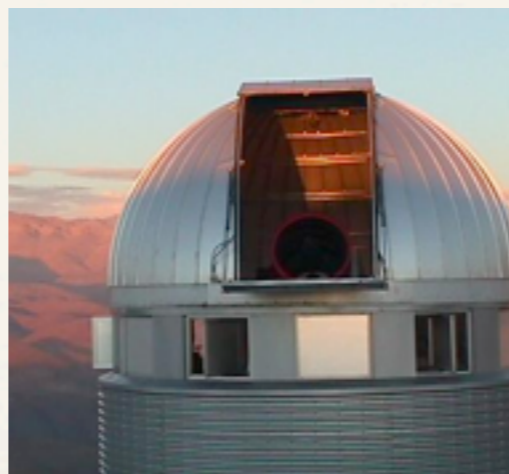


Search for brown-dwarf companions of stars

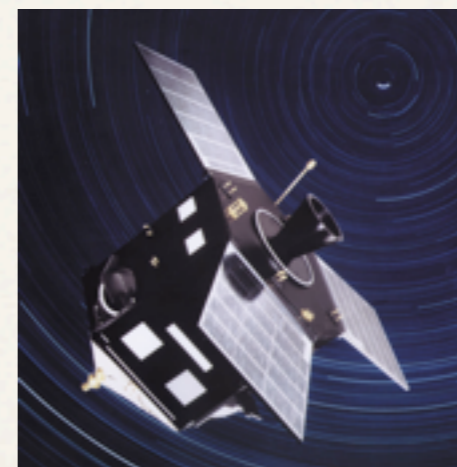
CORALIE sample of 1600 stars



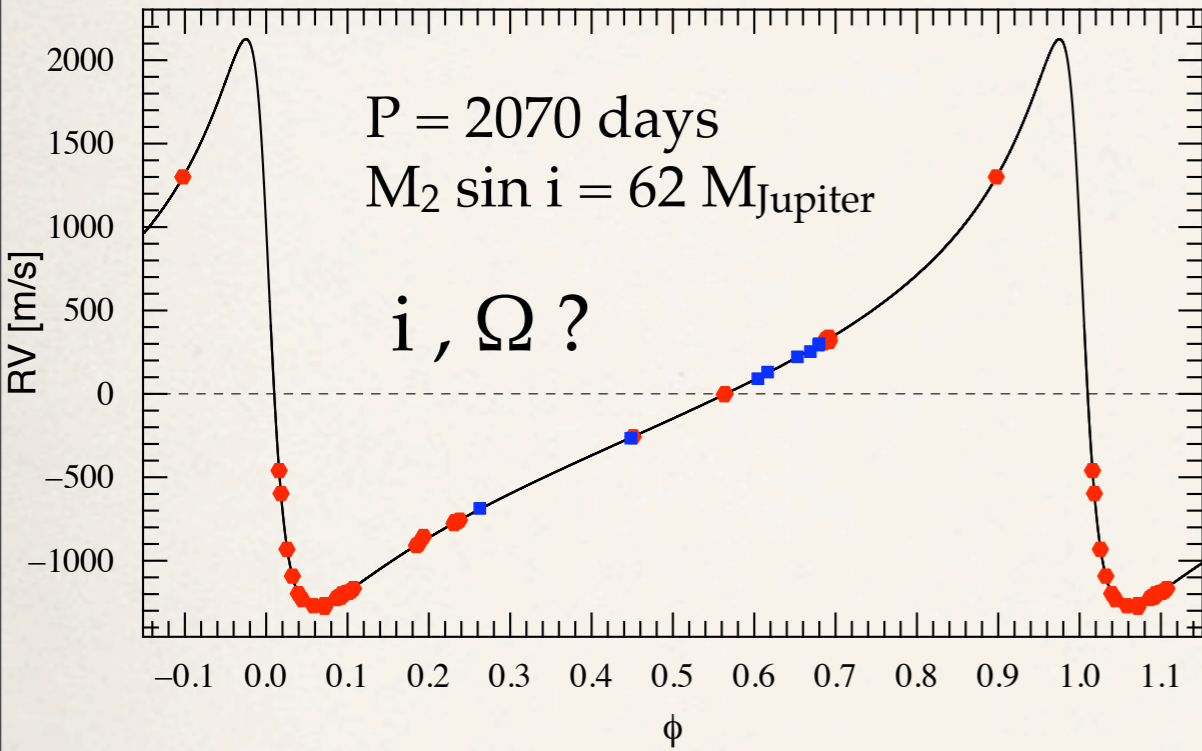
CORALIE



HIPPARCOS



constraining the masses



Example of a 3- σ detection: $M_2 = 90 \pm 12 M_{\text{Jupiter}}$

$a = 14 \pm 2$ mas $i = 49 \pm 9$ deg $\Omega = 100 \pm 12$ deg

