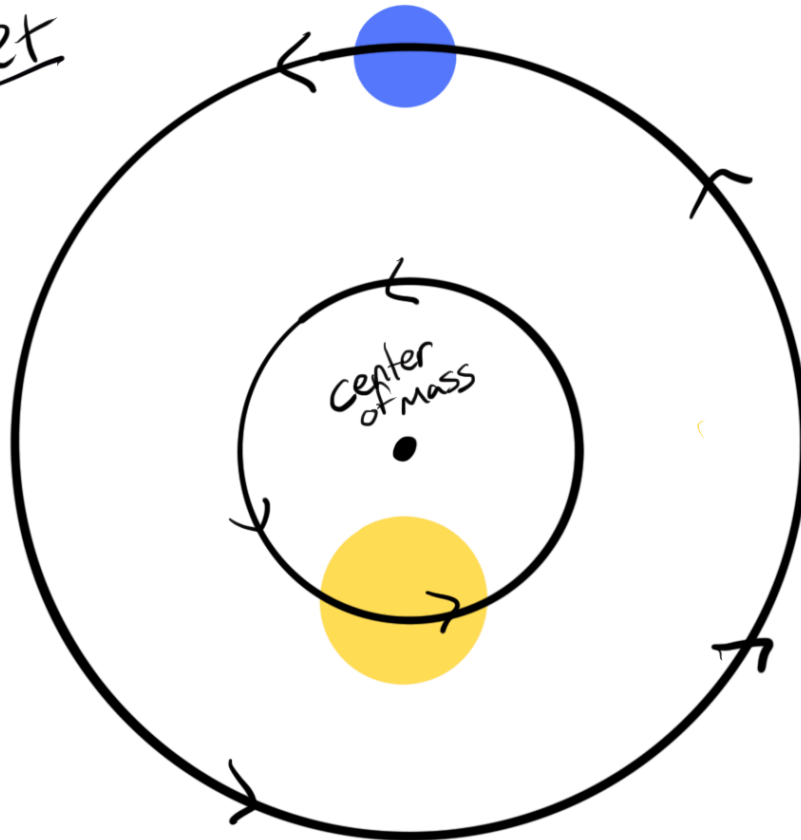


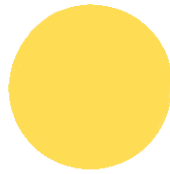
# Extra Solar Planet

Top view

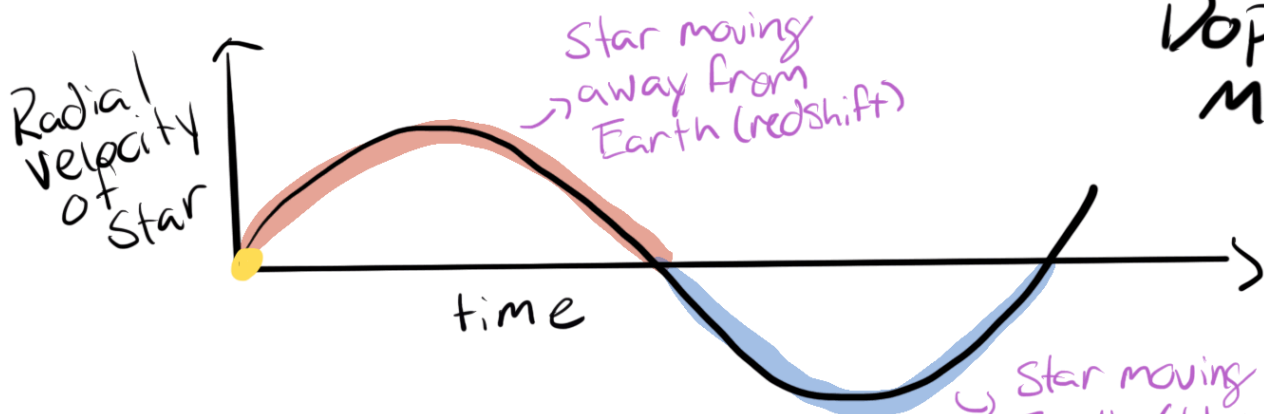


Earth  
↓

Side view



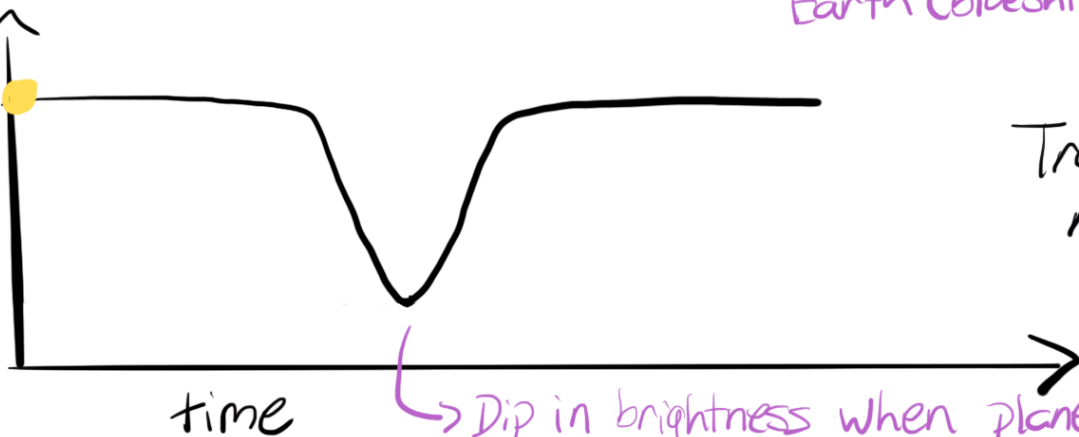
Doppler method



Star moving towards Earth (blueshift)

Brightness of star

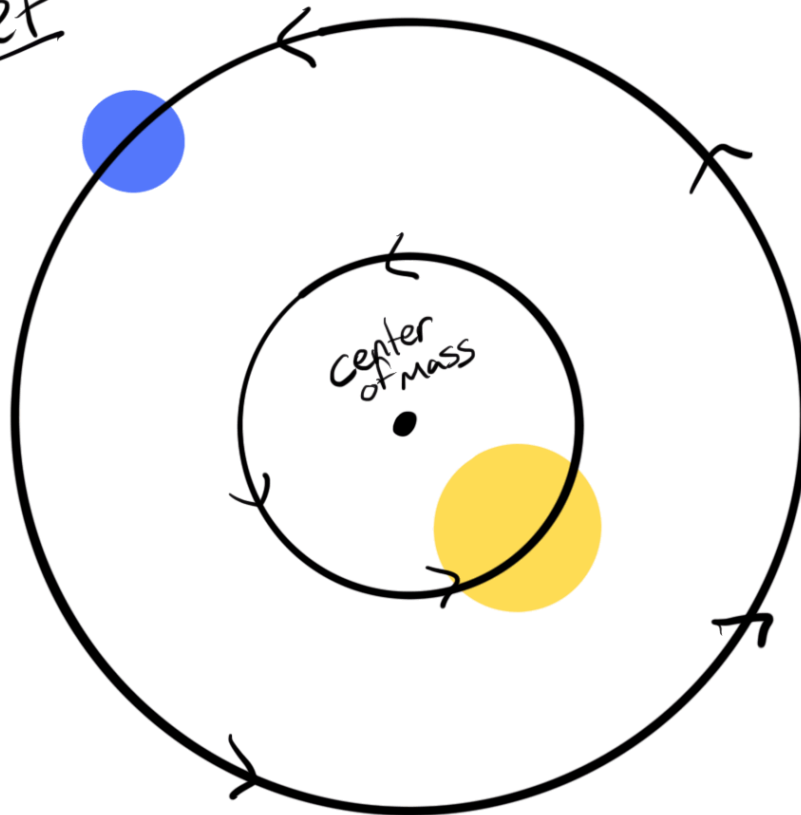
Transit method



Dip in brightness when planet in front of star (size of dip dependent on temp and size and distance of planet)

# Extra Solar Planet

Top view

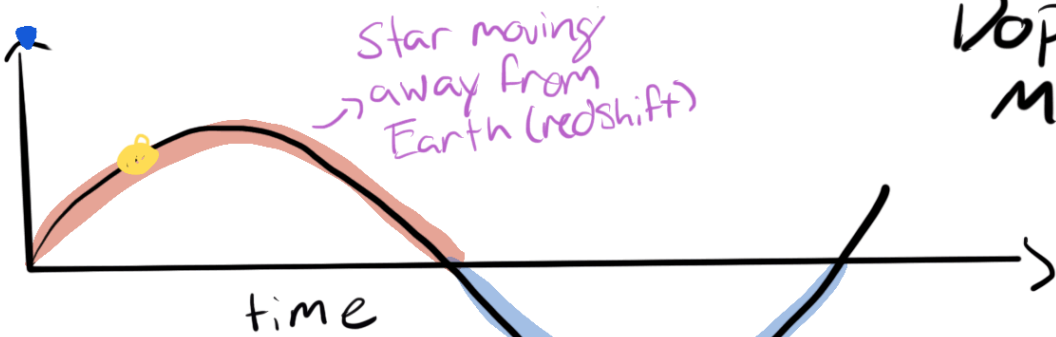


Earth  
↓

Side view

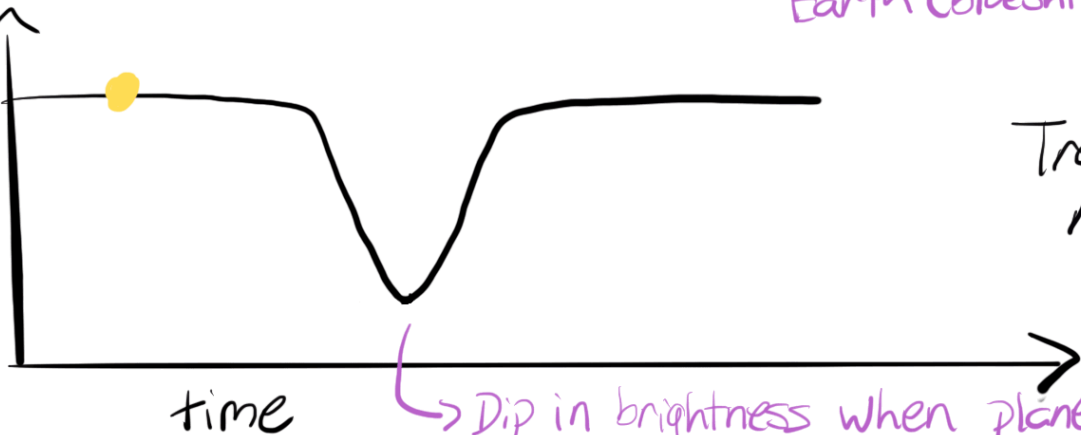


Radial velocity of star



Doppler method

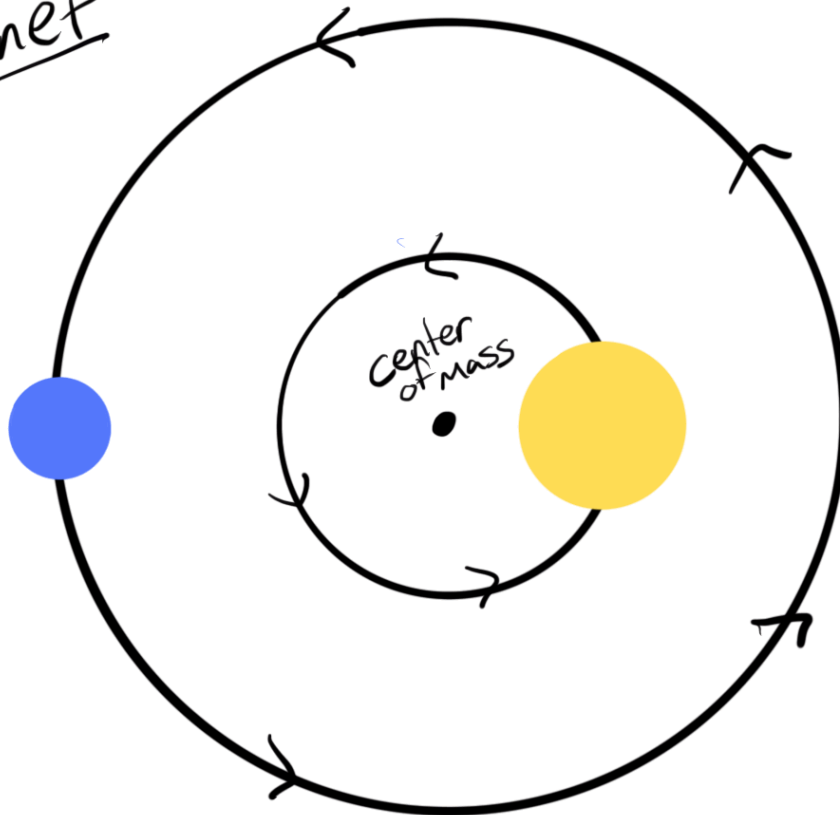
Brightness of star



Transit method

# Extra Solar Planet

Top view

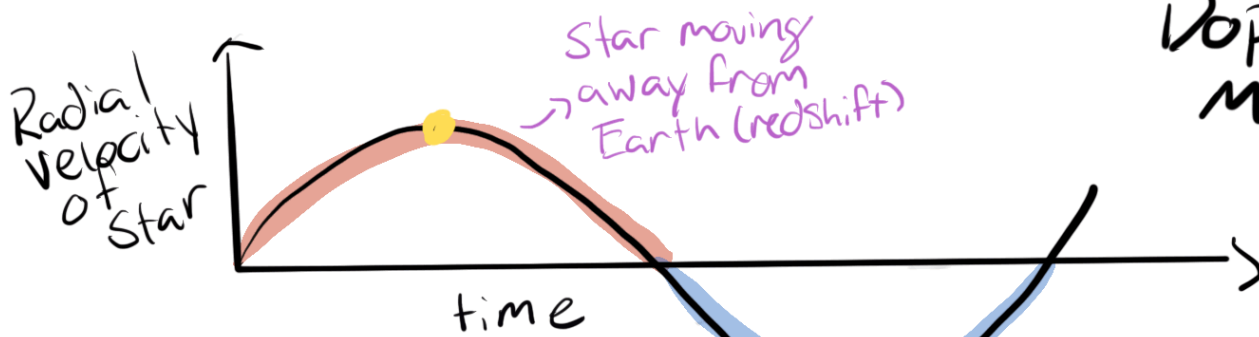


Earth  
↓

Side view

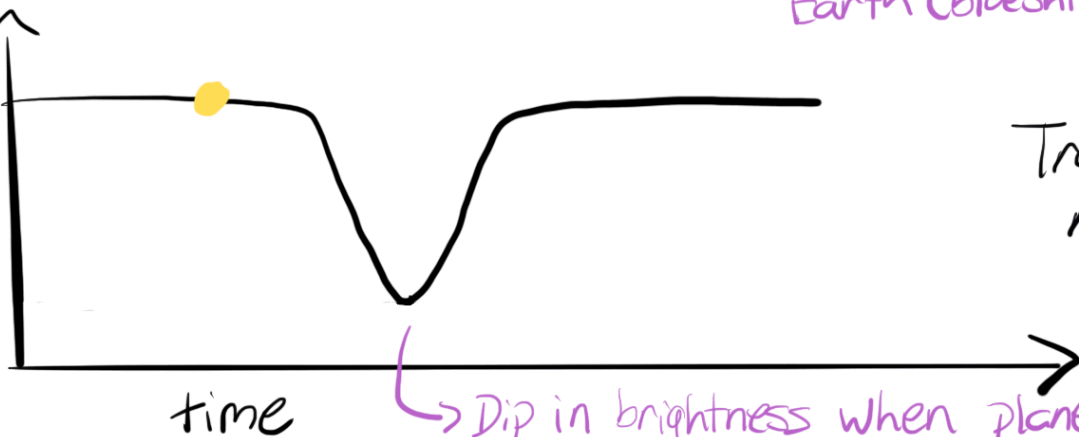


Doppler method



Star moving towards Earth (blueshift)

Brightness of star

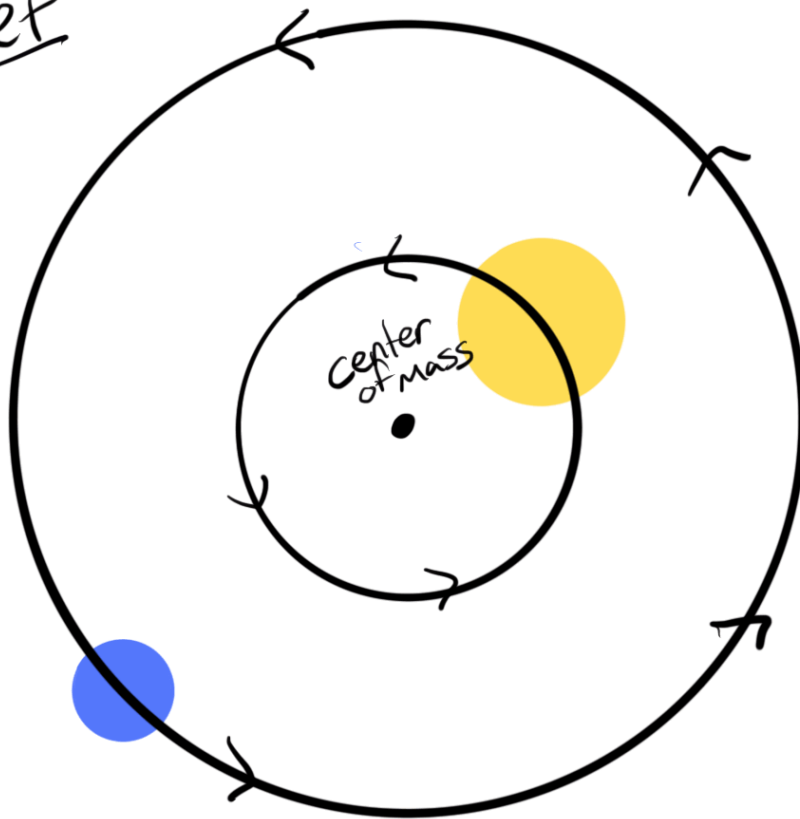


Transit method

Dip in brightness when planet in front of star (size of dip dependent on temp and size and distance of planet)

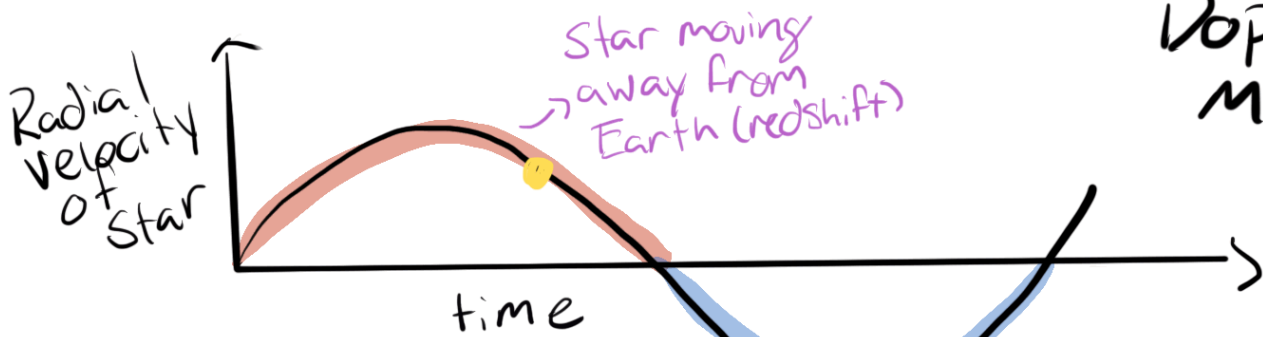
# Extra Solar Planet

Top view



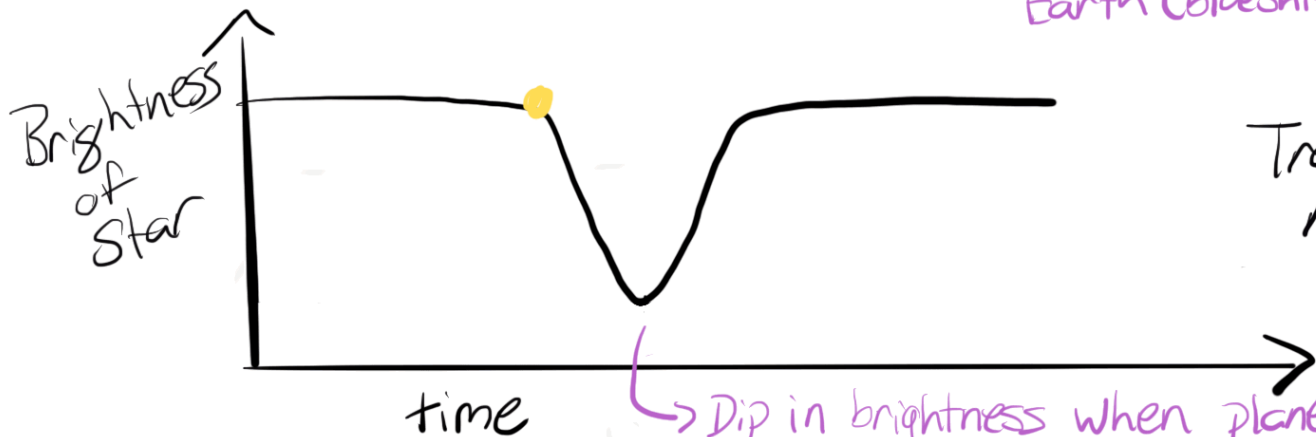
Earth  
↓

Side view



Doppler method

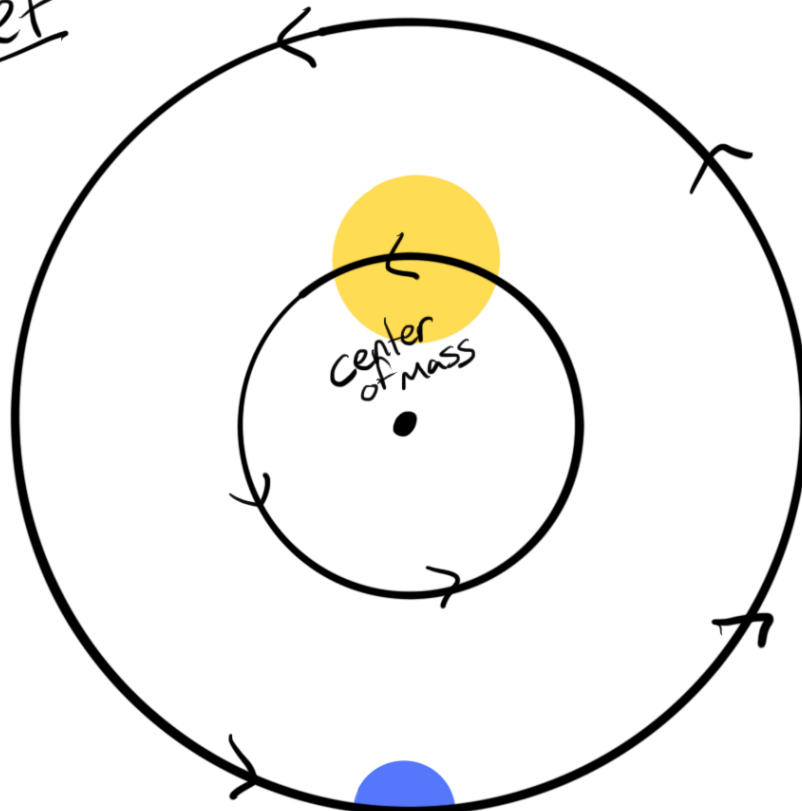
Star moving towards Earth (blueshift)



Transit method

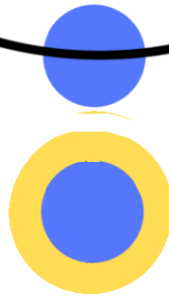
# Extra Solar Planet

Top view



Earth  
↓

Side view

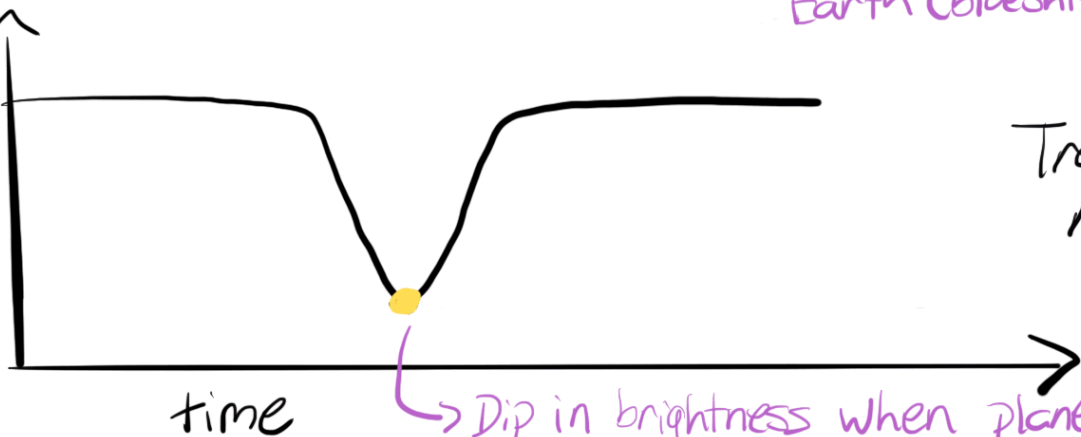


Radial velocity of star



Doppler method

Brightness of star

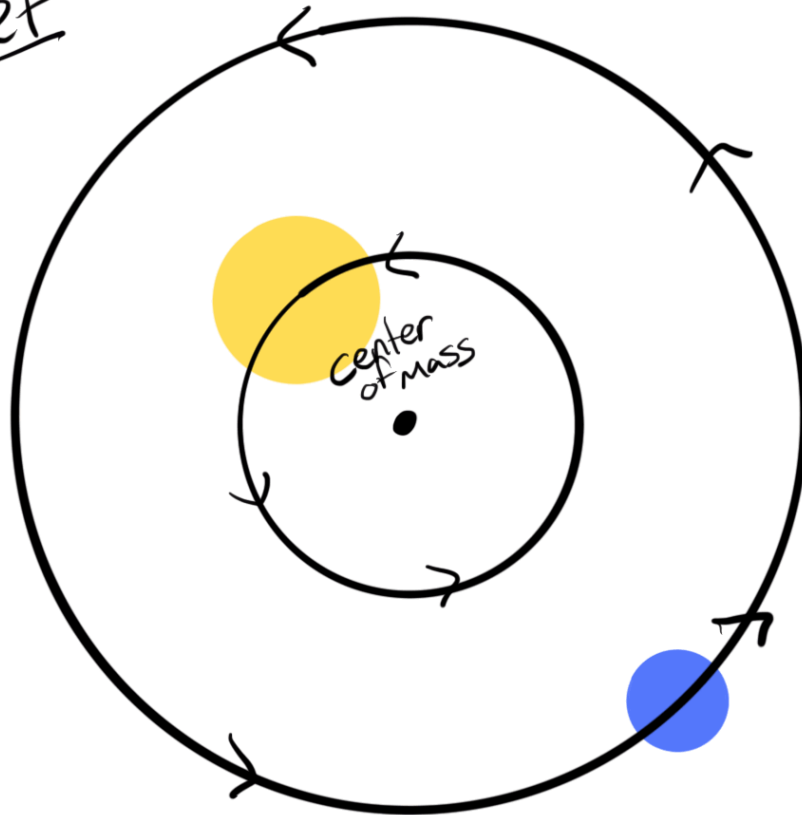


Transit method

↳ Dip in brightness when planet in front of star (size of dip dependent on temp and size and distance of planet)

# Extra Solar Planet

Top view

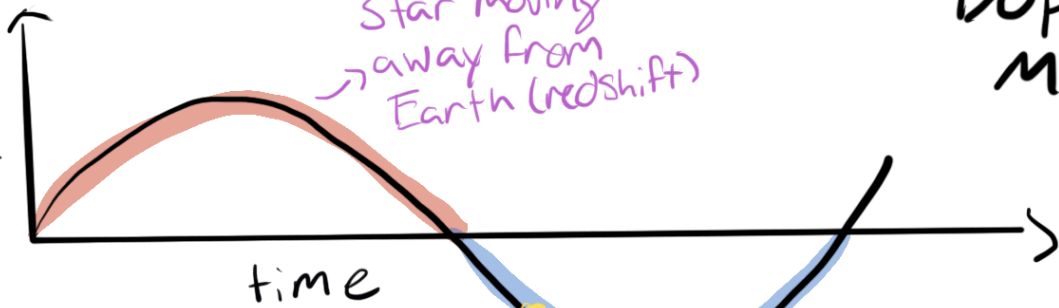


Earth  
↓

Side view

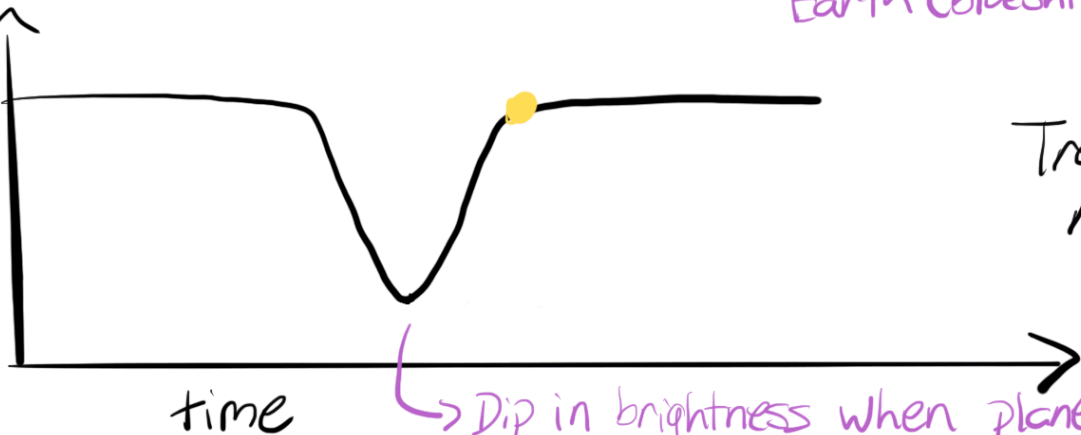


Radial velocity of star



Doppler method

Brightness of star

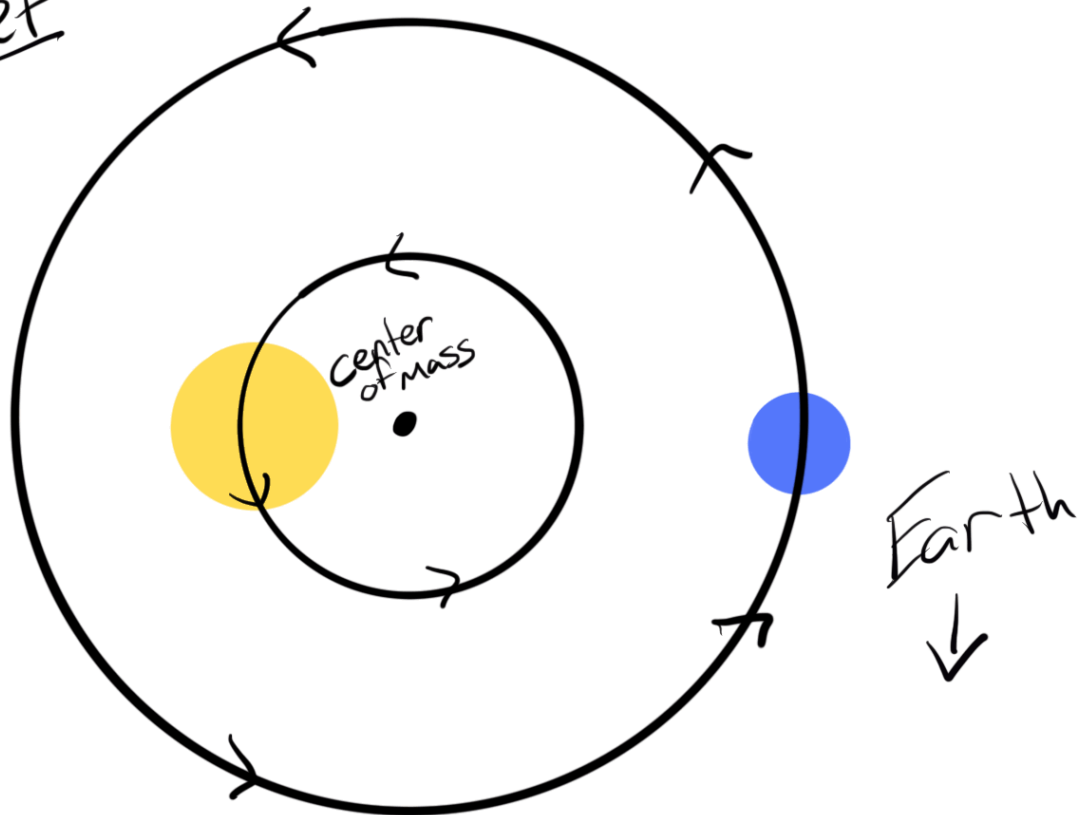


Transit method

↳ Dip in brightness when planet in front of star (size of dip dependent on temp and size and distance of planet)

# Extra Solar Planet

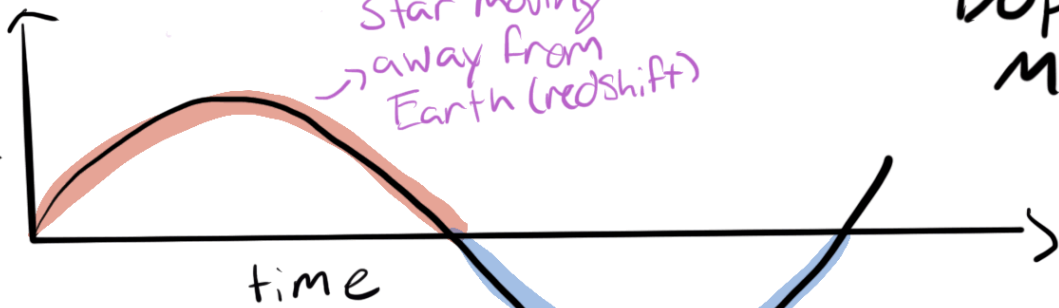
Top view



Side view



Radial velocity of star

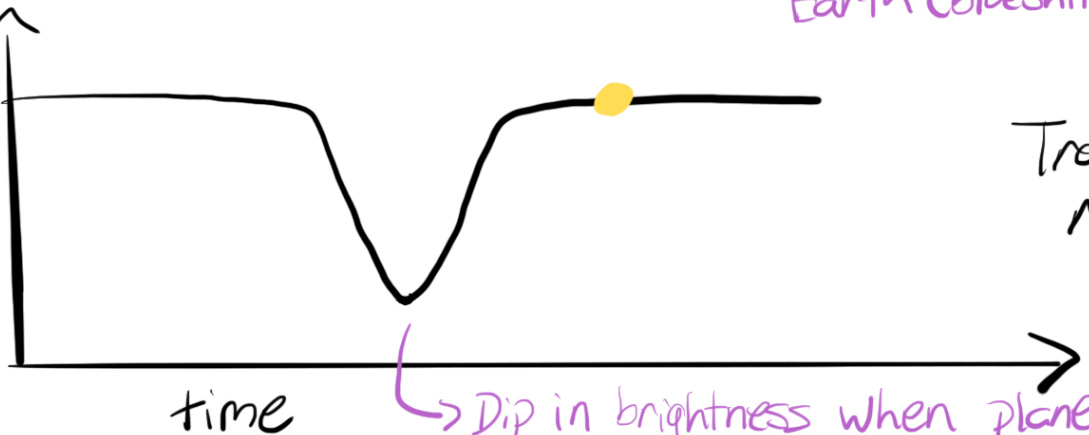


Star moving away from Earth (redshift)

Star moving towards Earth (blueshift)

Doppler method

Brightness of star



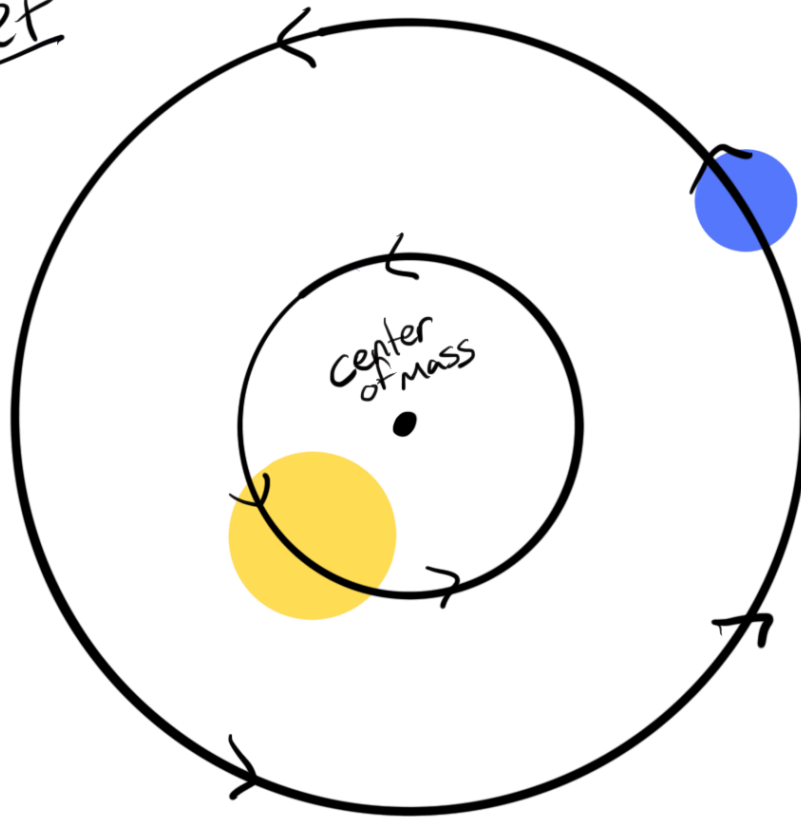
Dip in brightness when planet in front of star (size of dip dependent on temp and size and distance of planet)

Transit method



# Extra Solar Planet

Top view

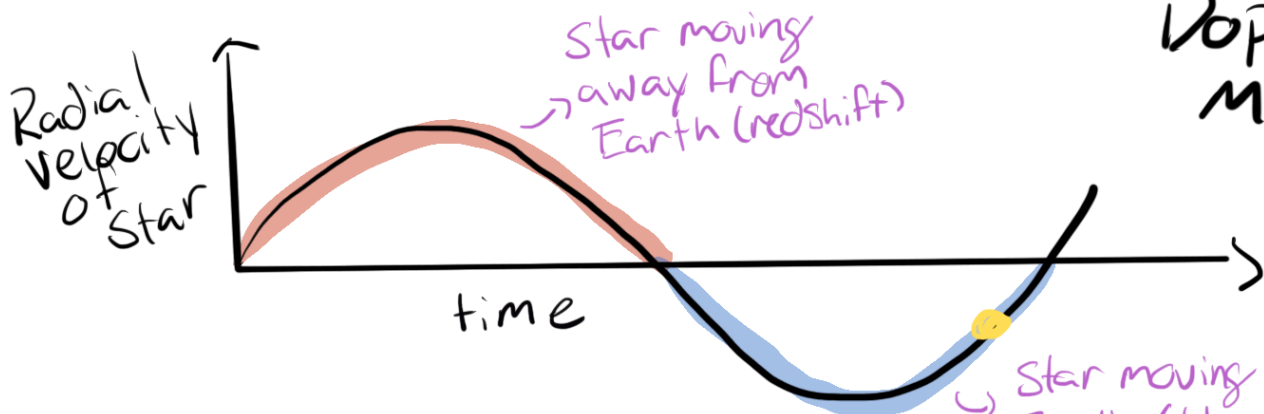


Earth  
↓

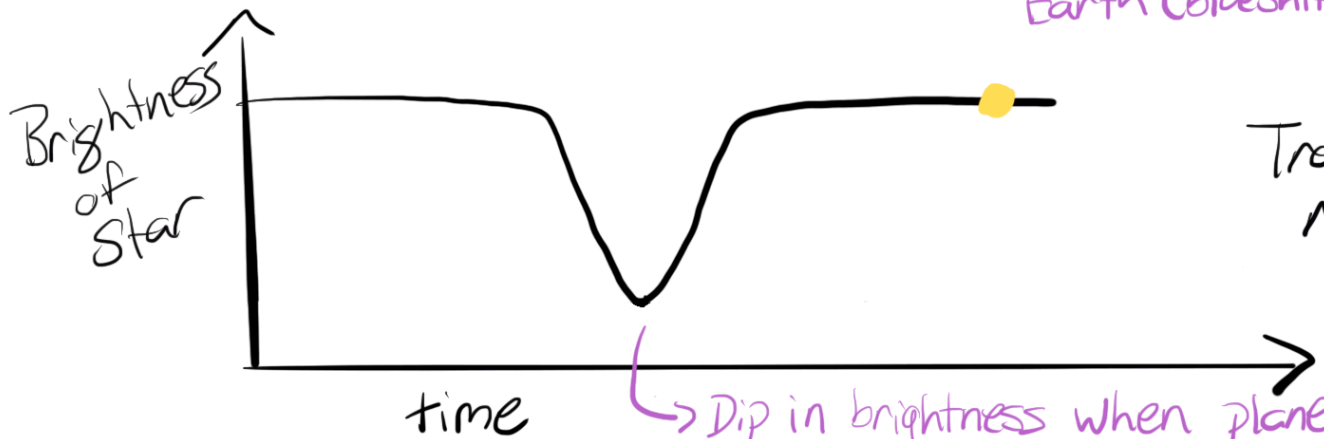
Side view



Doppler method



Star moving towards Earth (blueshift)



Transit method

Dip in brightness when planet in front of star (size of dip dependent on temp and size and distance of planet)