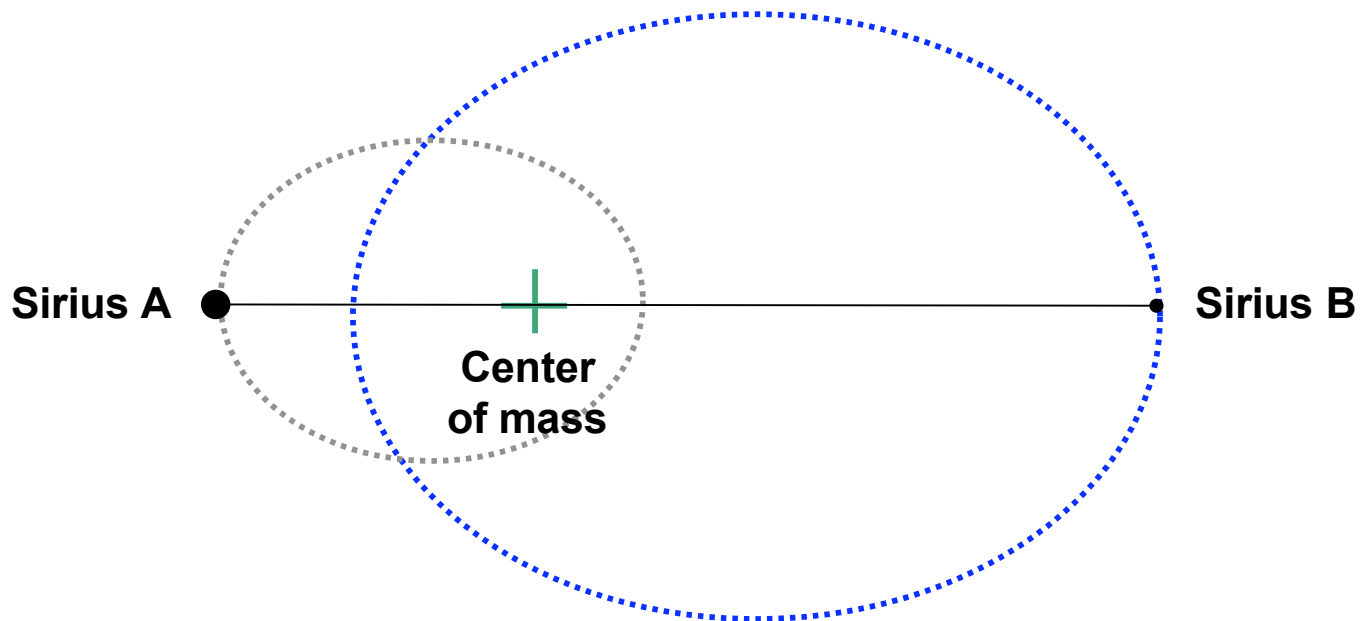


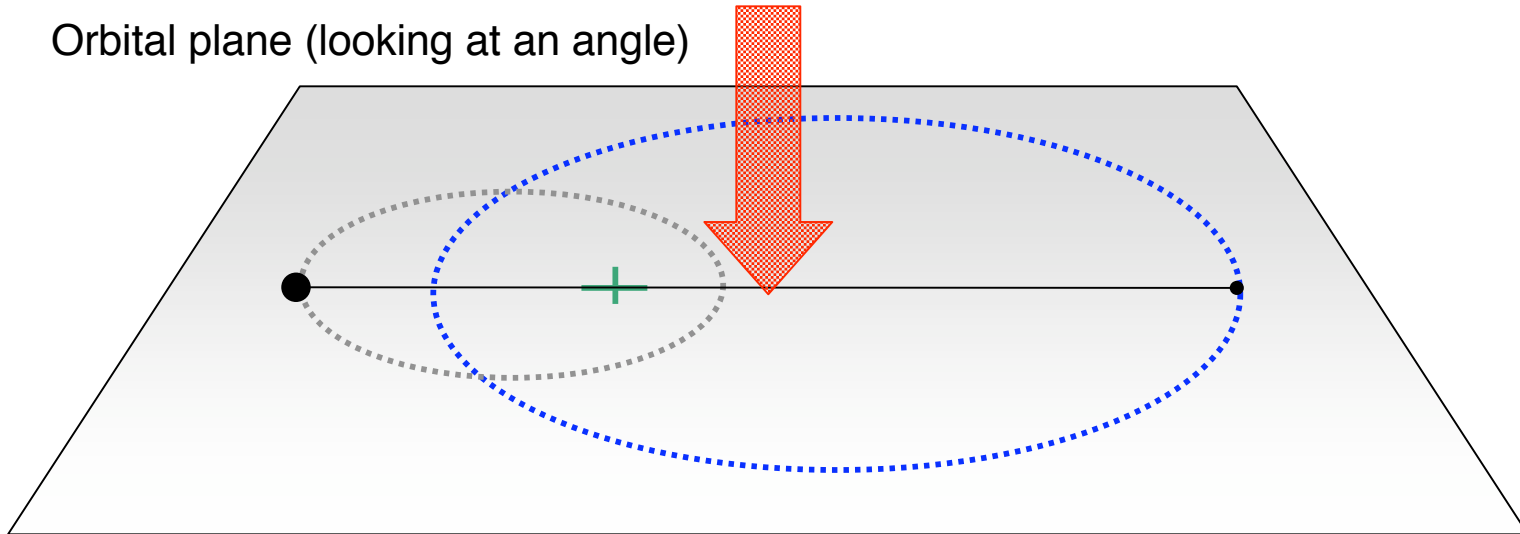
# Orbital Motion

## Sirius A and Sirius B

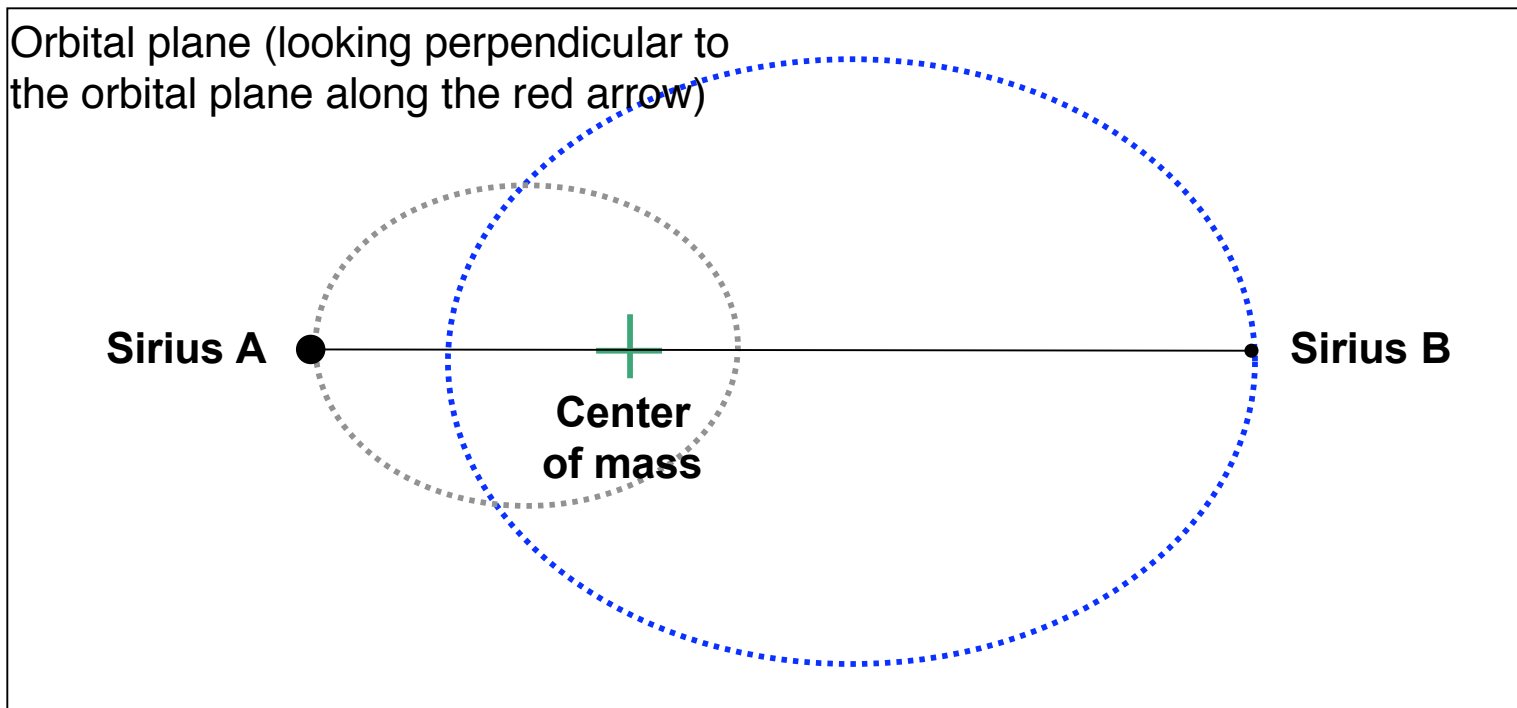


# Orbital Motion Sirius A and Sirius B

Orbital plane (looking at an angle)

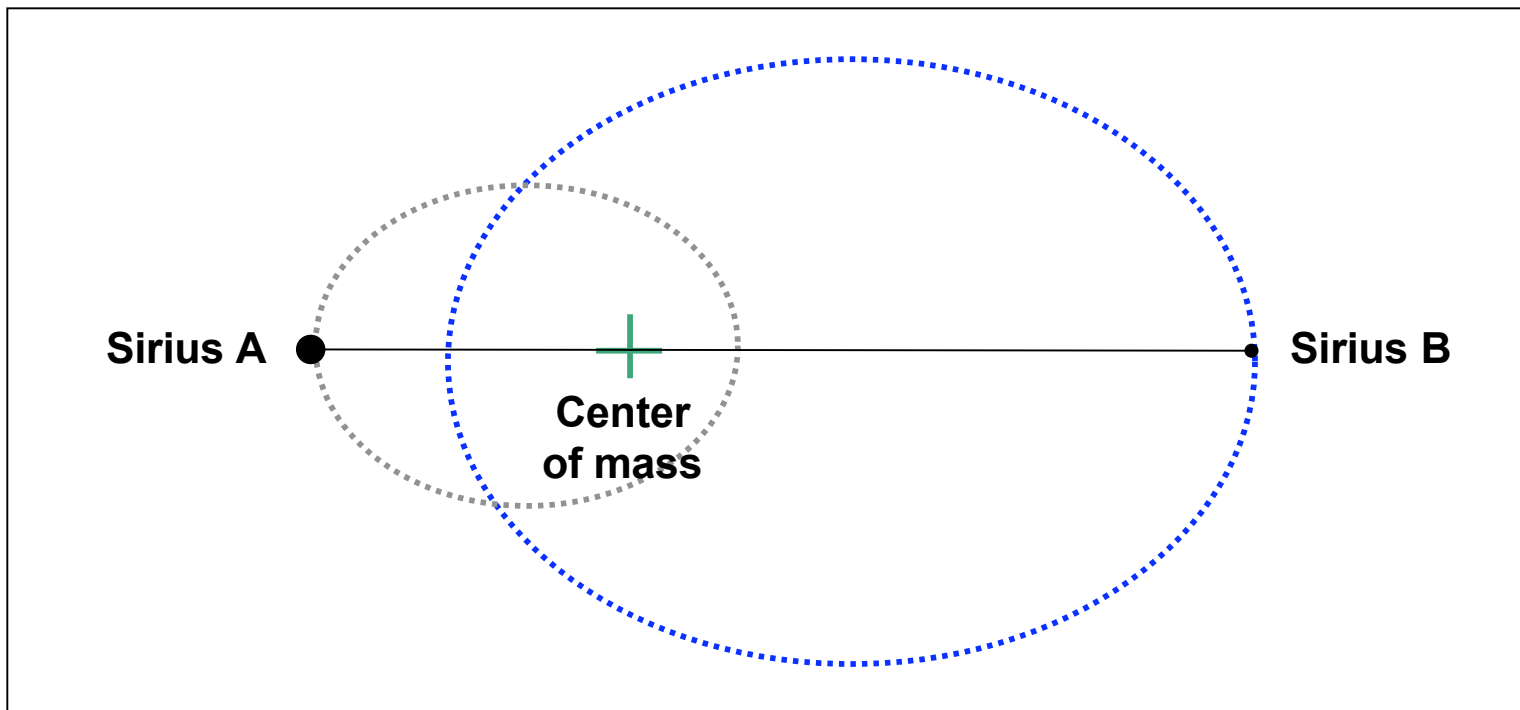
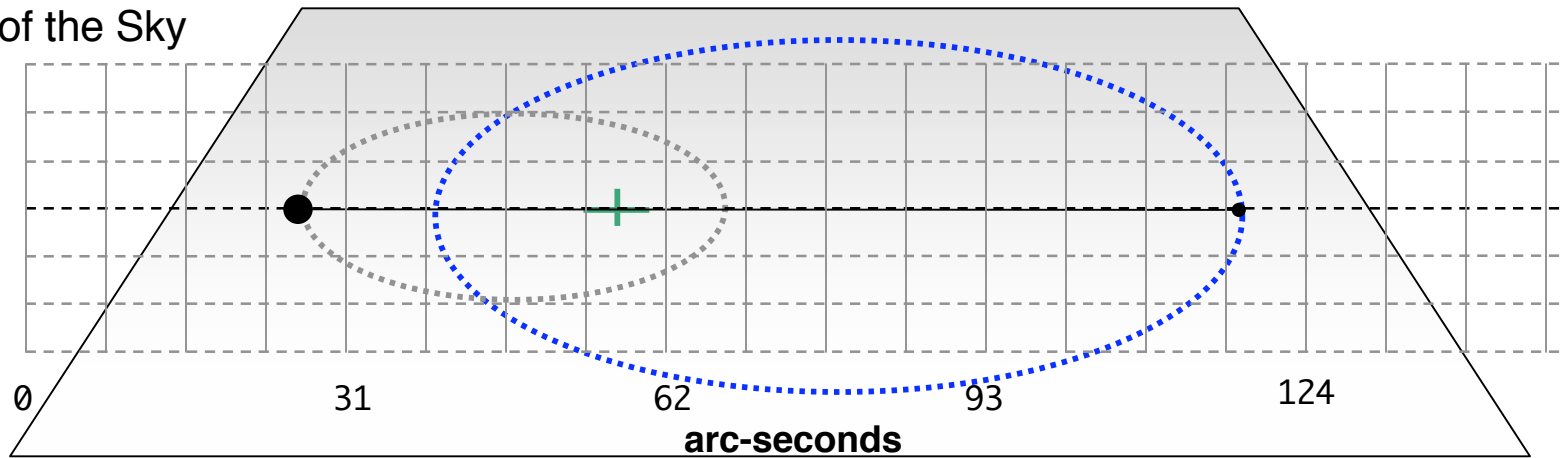


Orbital plane (looking perpendicular to the orbital plane along the red arrow)



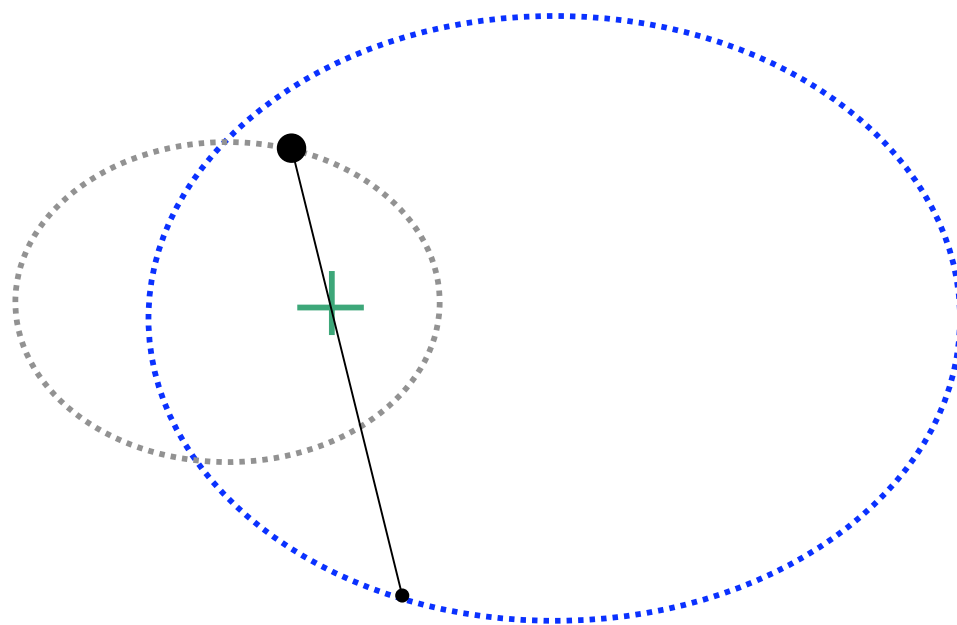
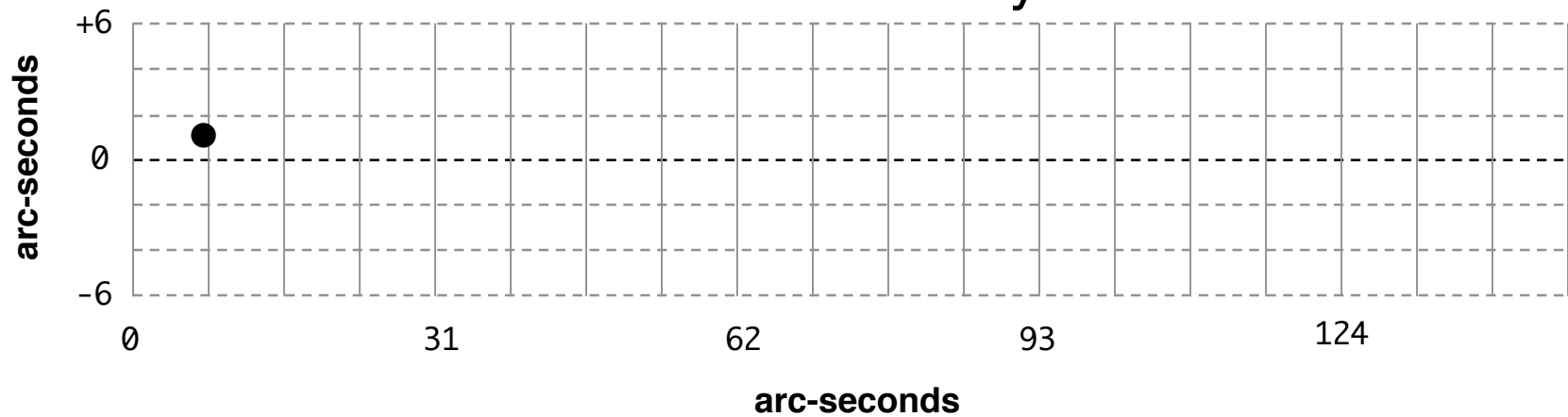
# Orbital Motion Sirius A and Sirius B

Plane of the Sky



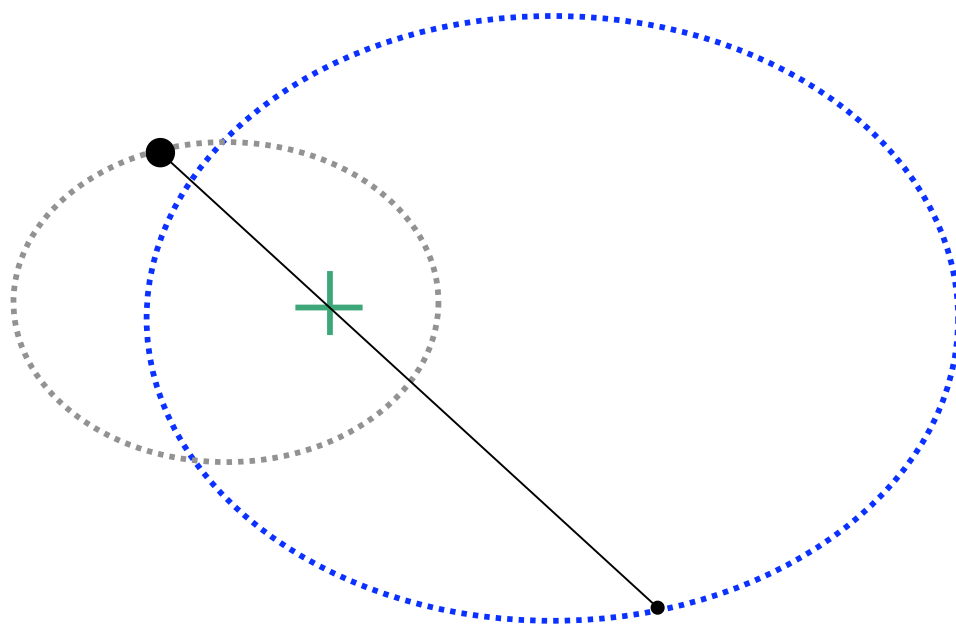
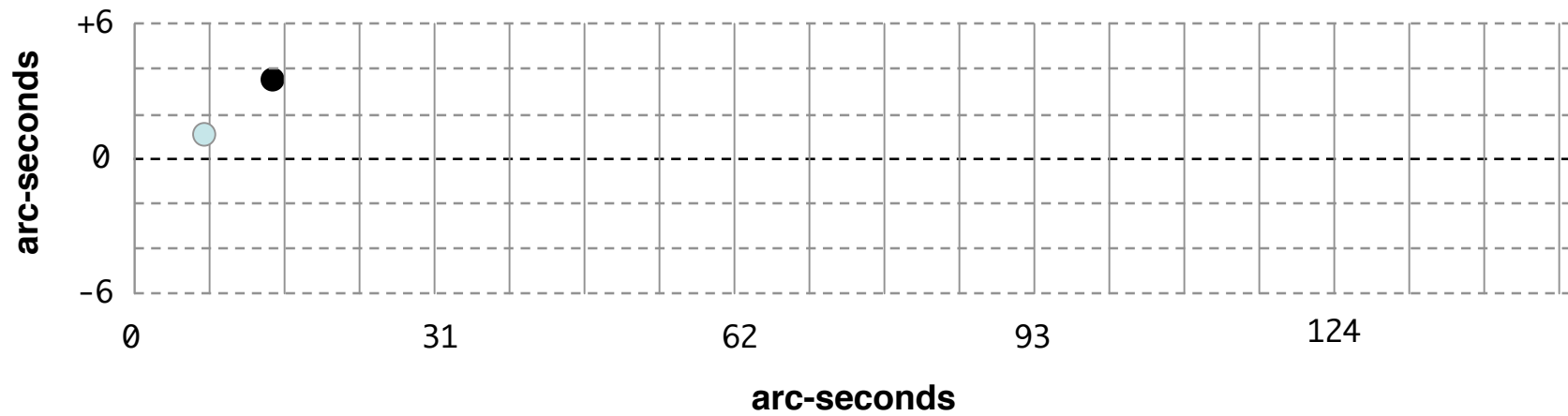
**1850**

# Sirius A on the sky

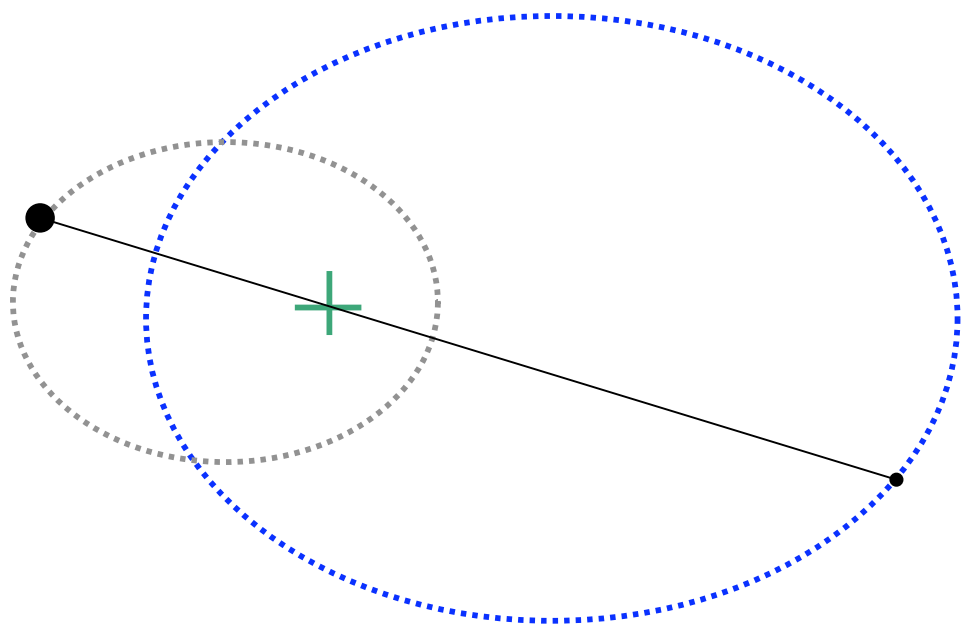
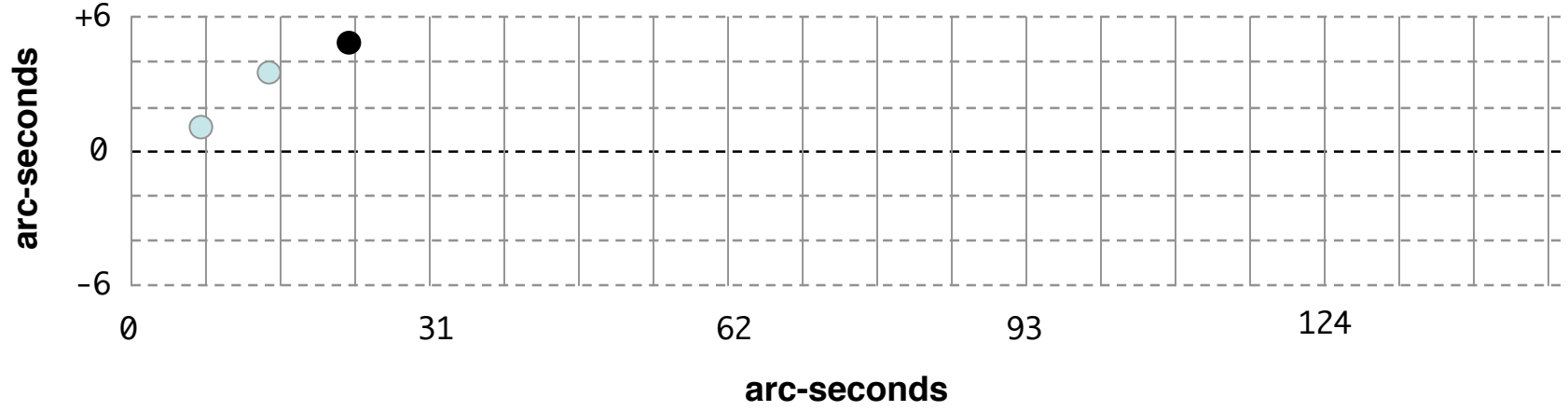


Sirius A and B in space

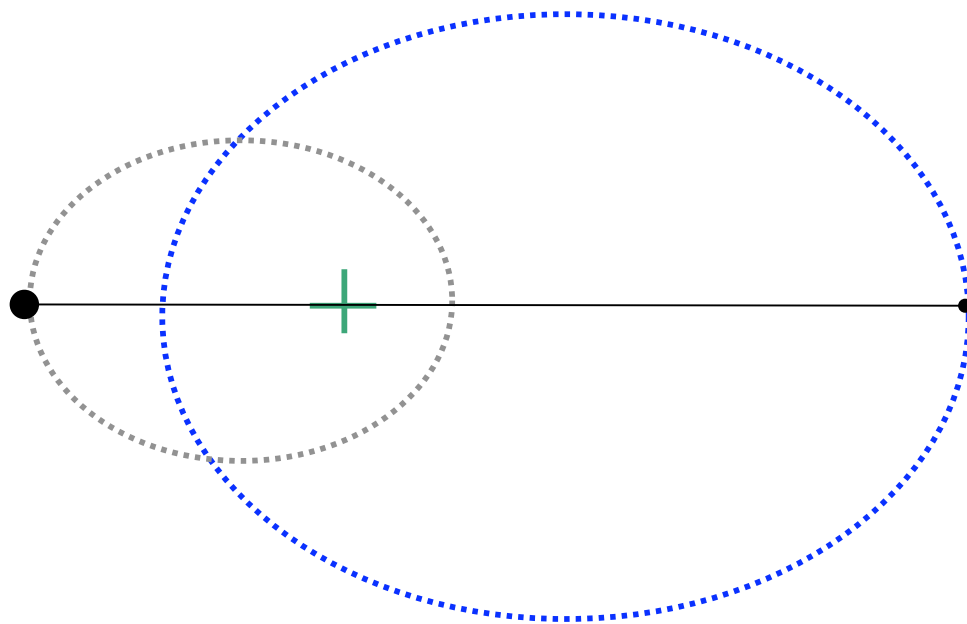
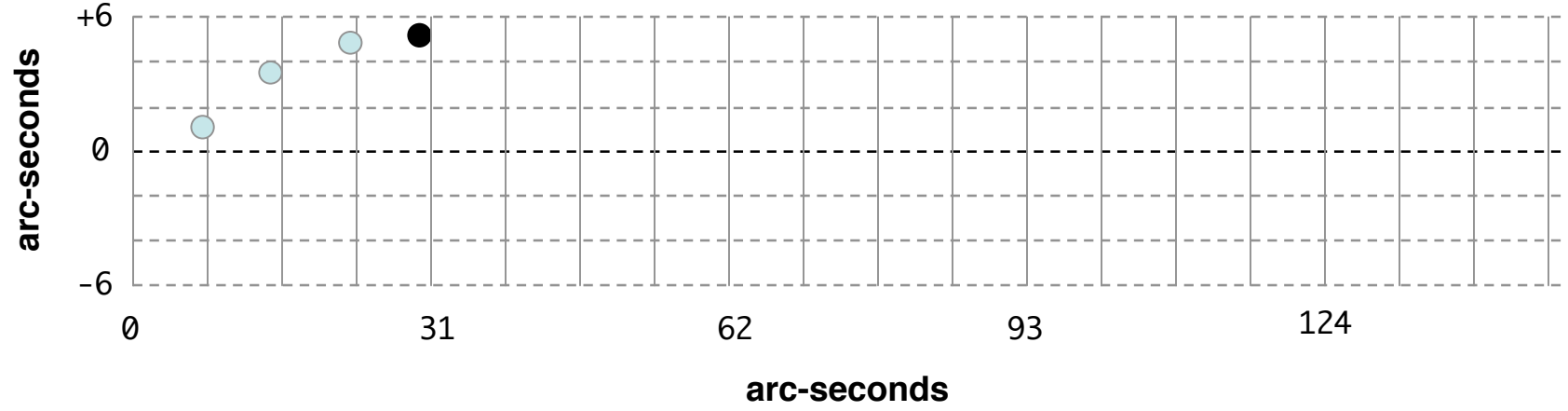
# 1855



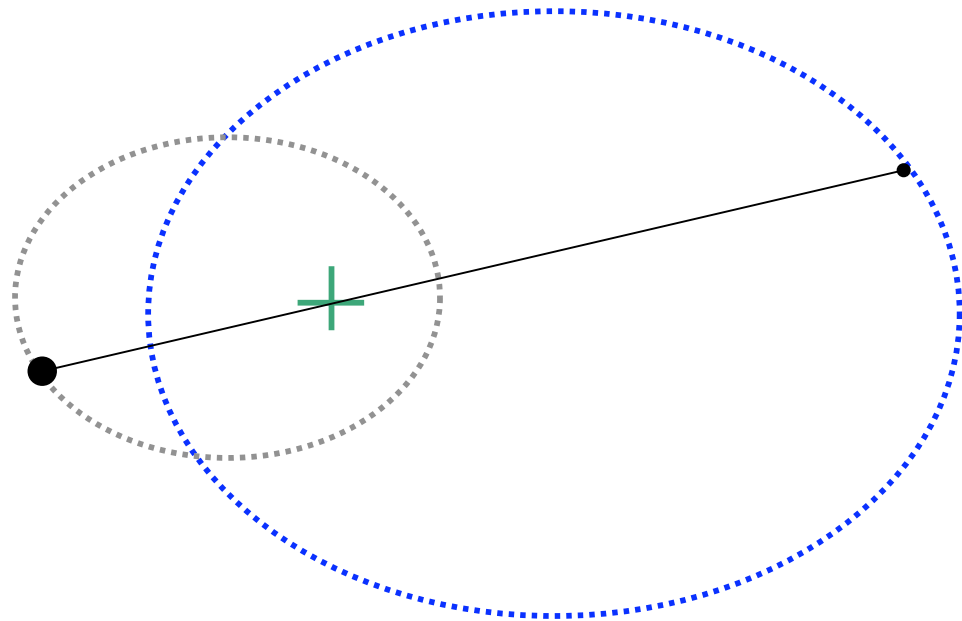
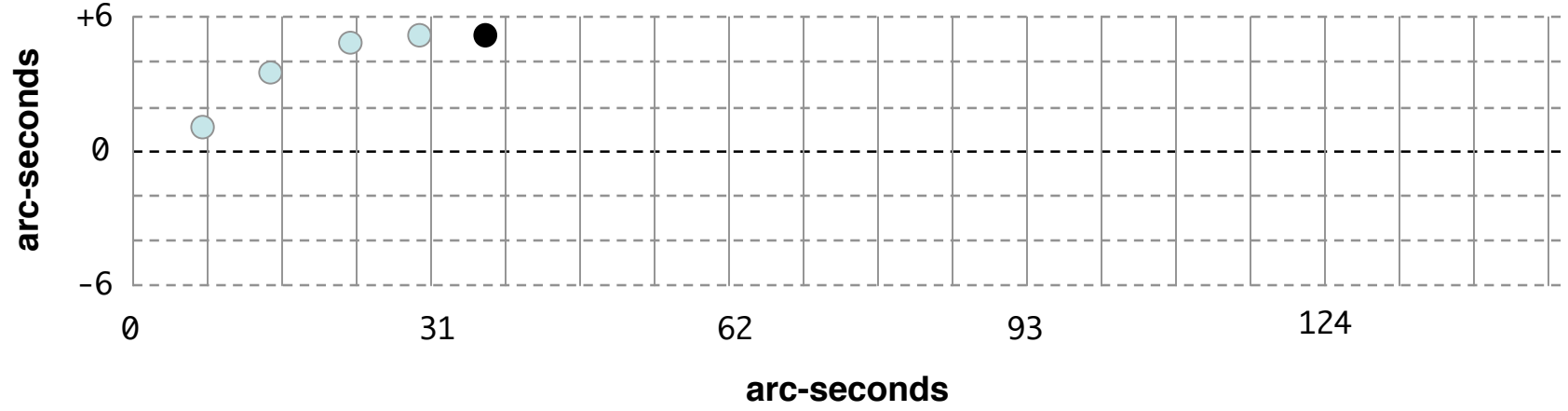
1860



# 1865

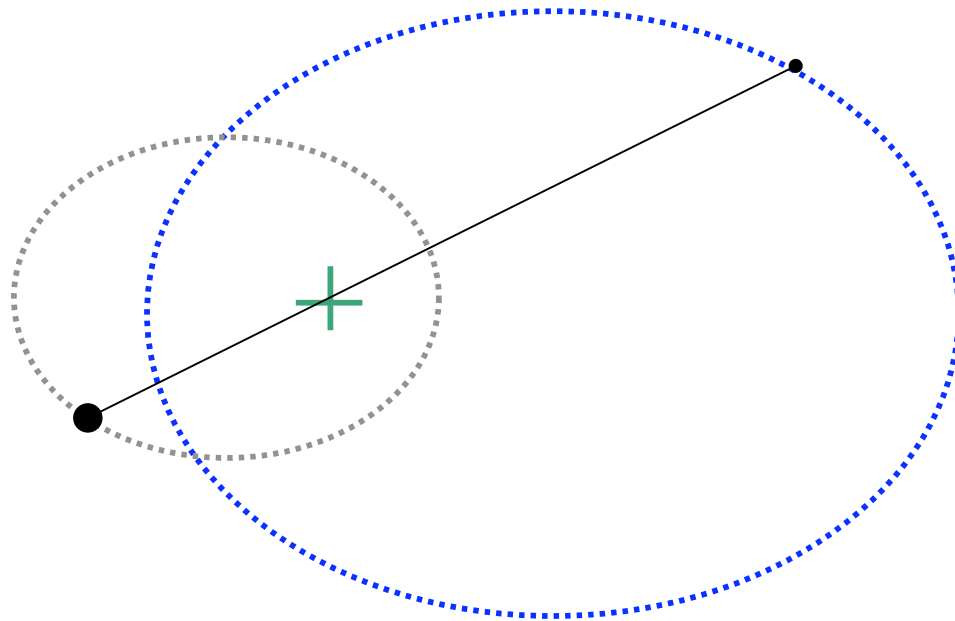
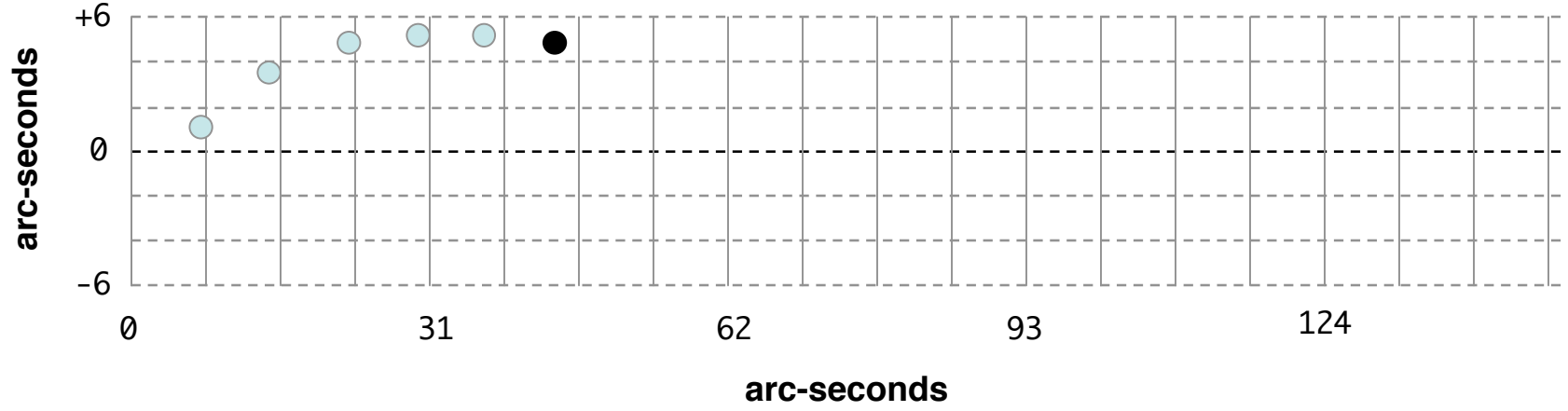


1870

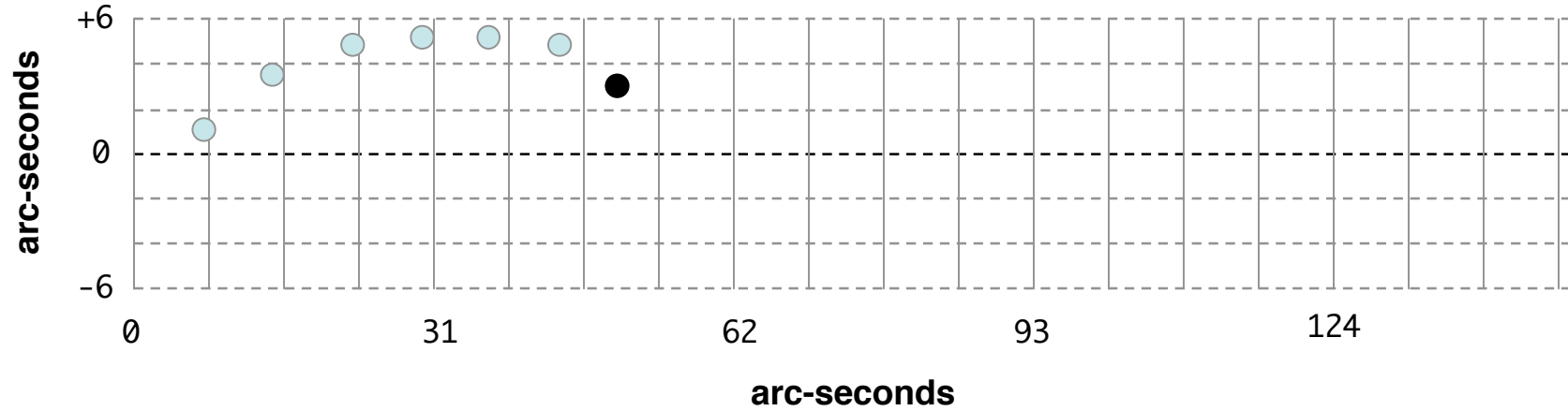




1875

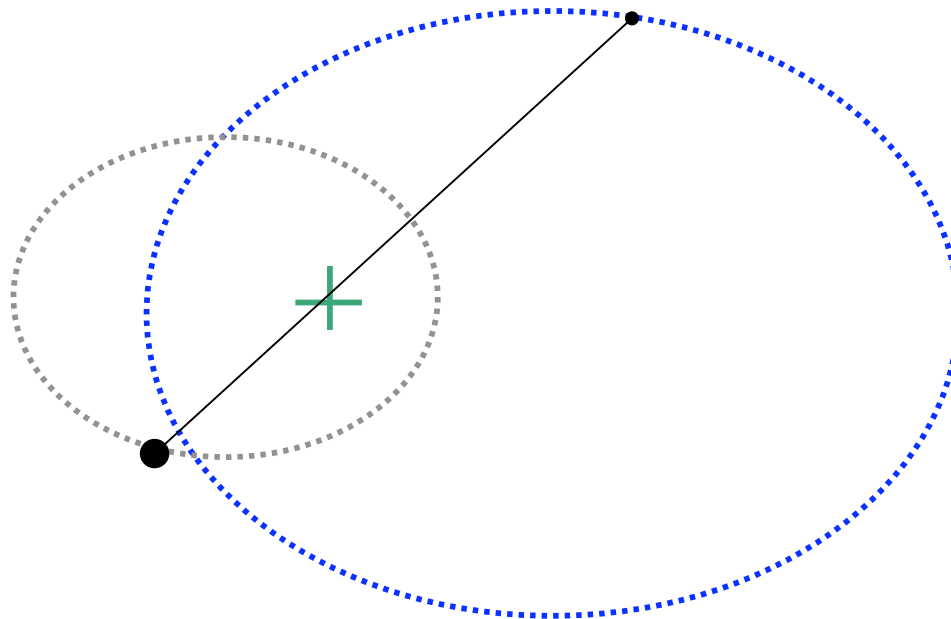


# 1880

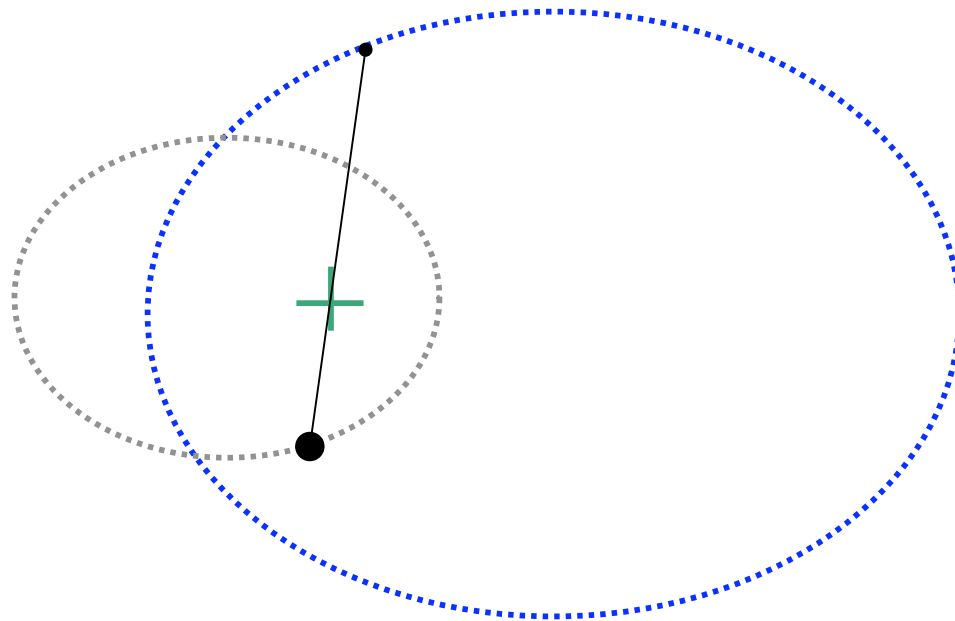
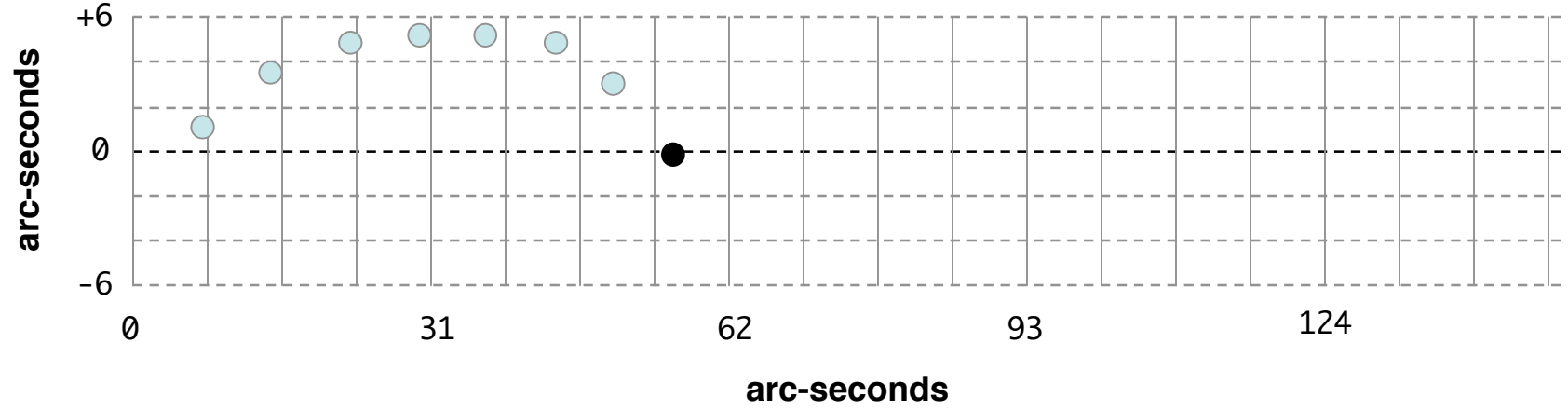


The "center of mass" will remain fixed in the following slides.

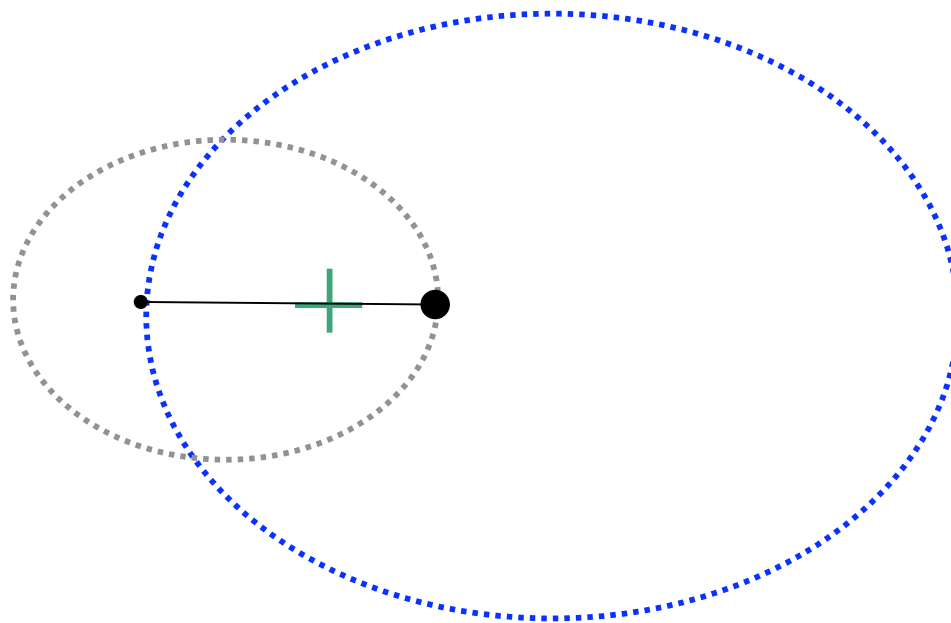
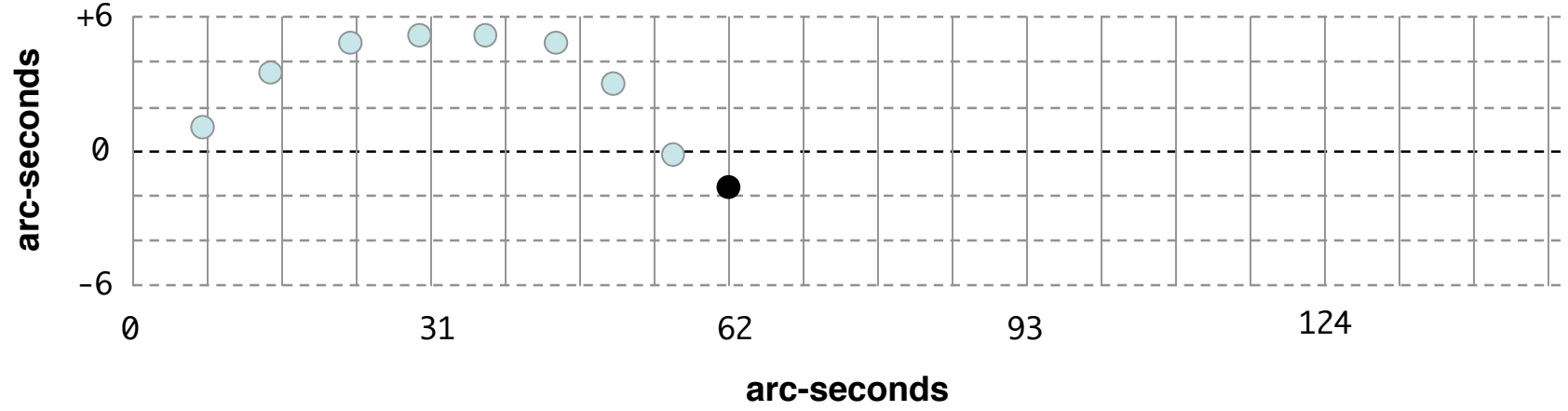
Watch the orbits carefully.



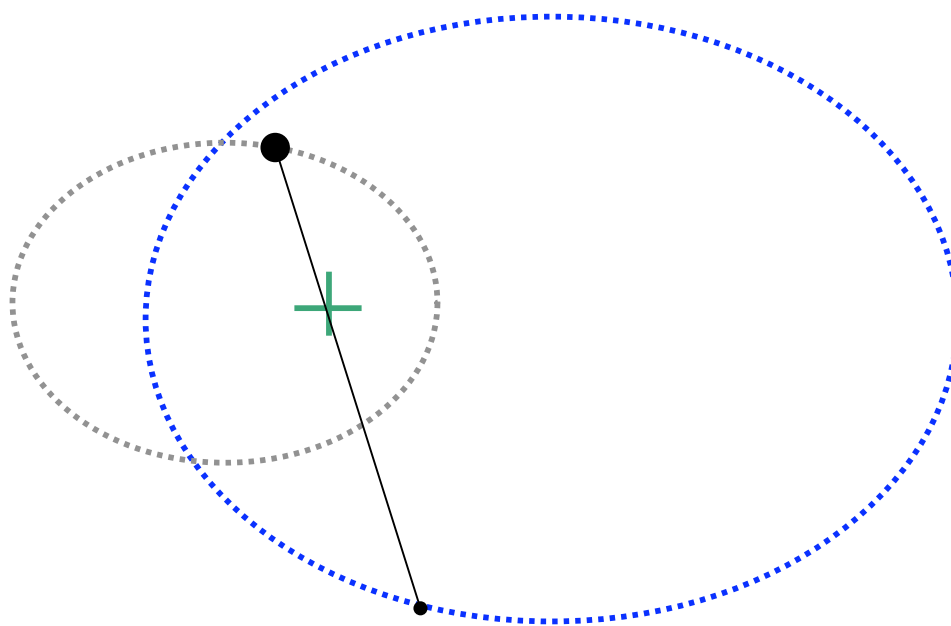
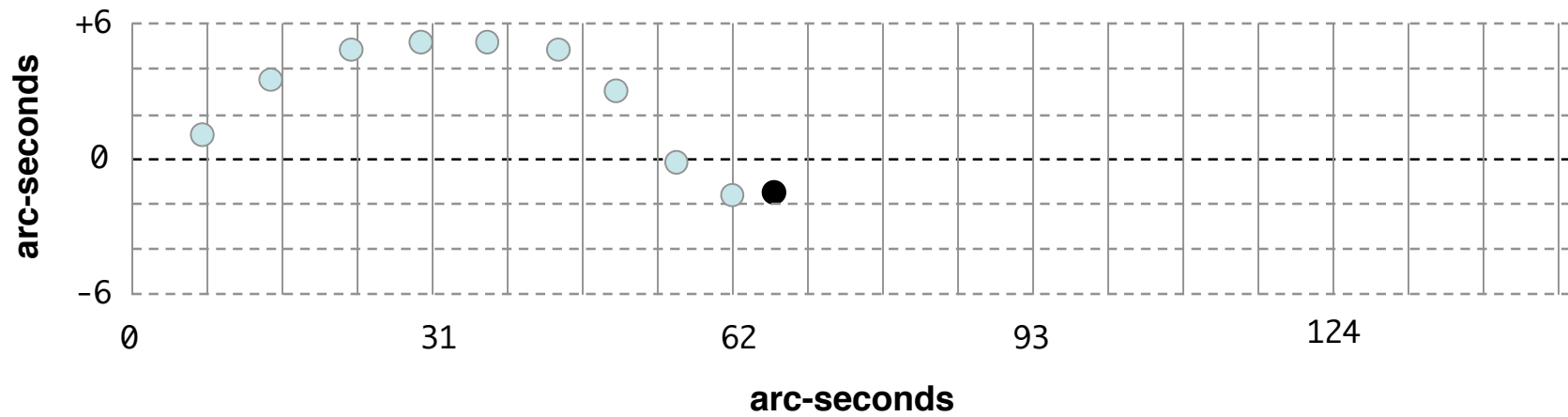
# 1885



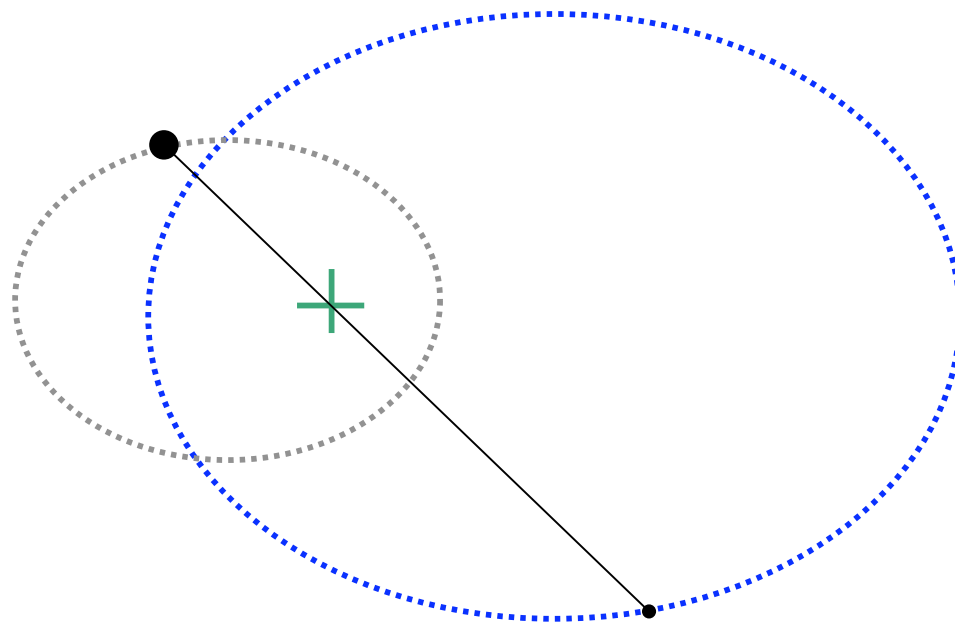
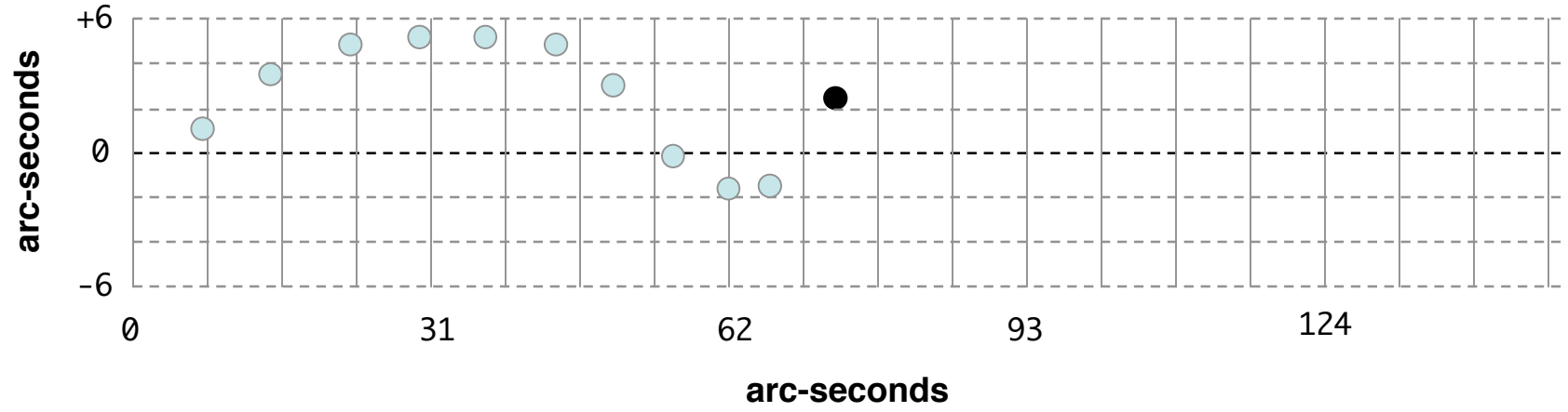
# 1890



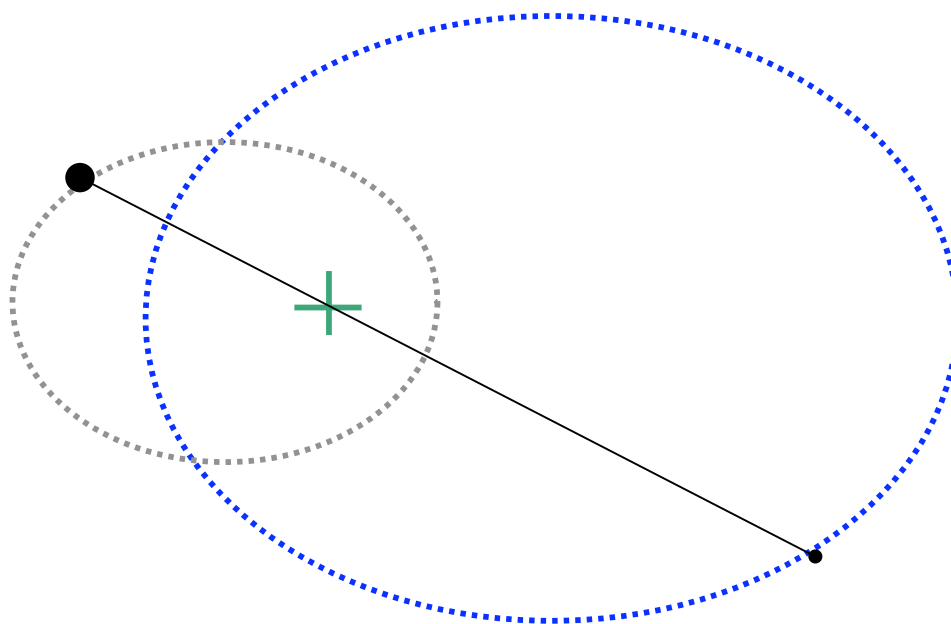
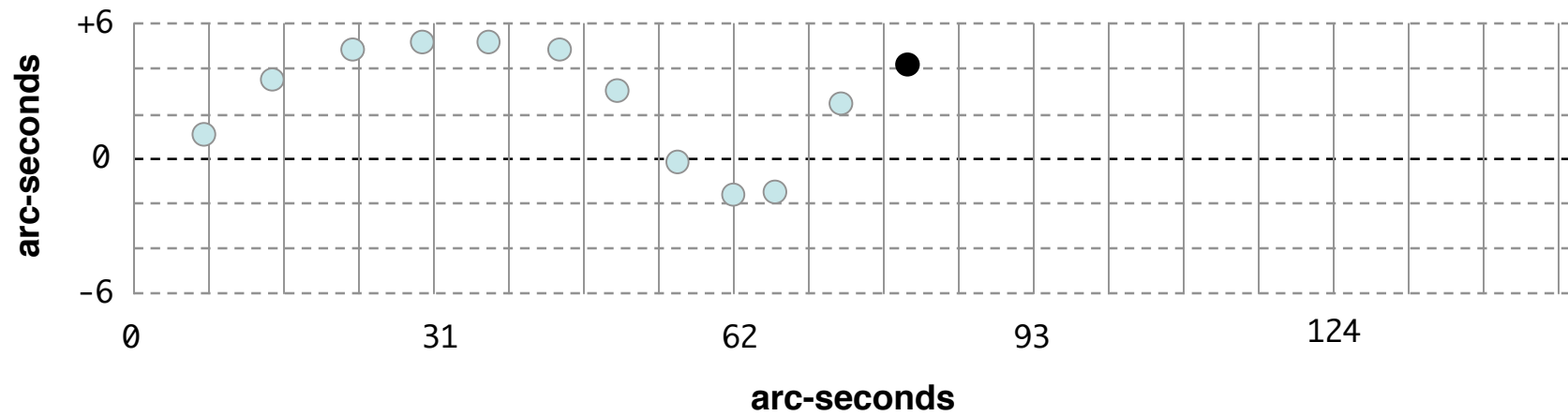
# 1895



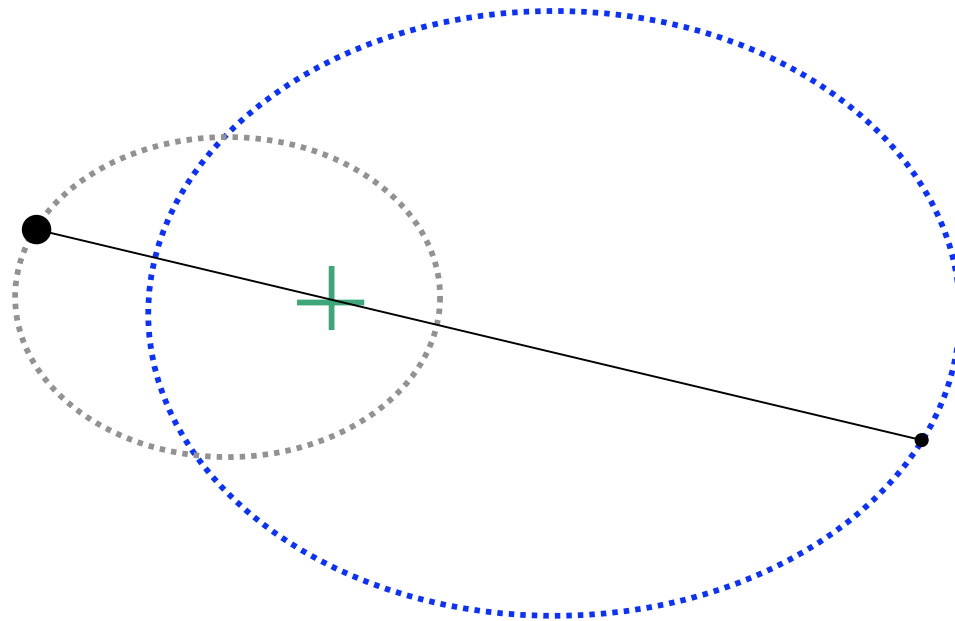
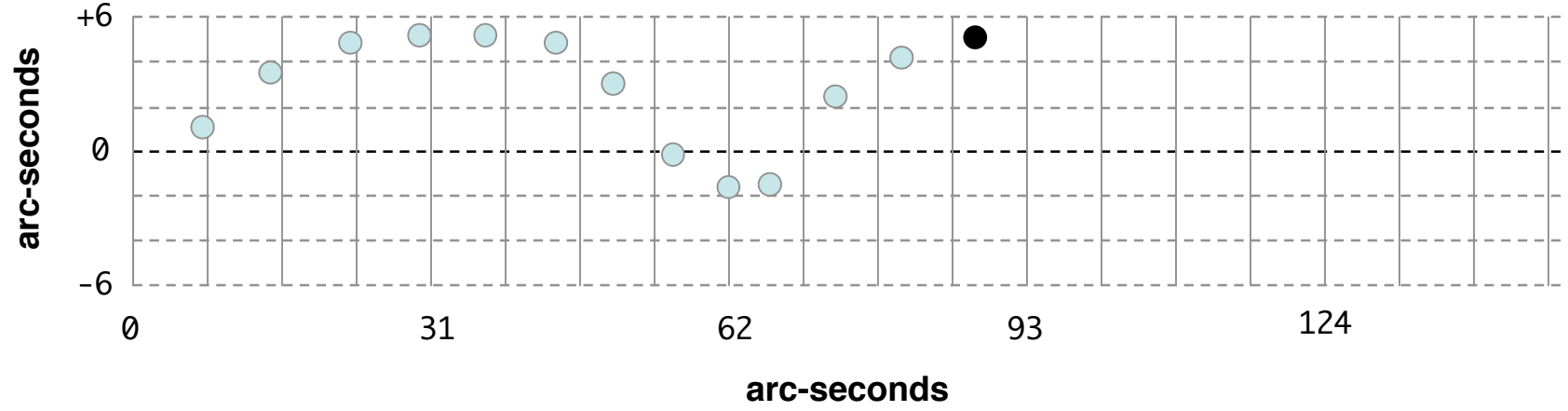
# 1900



# 1905

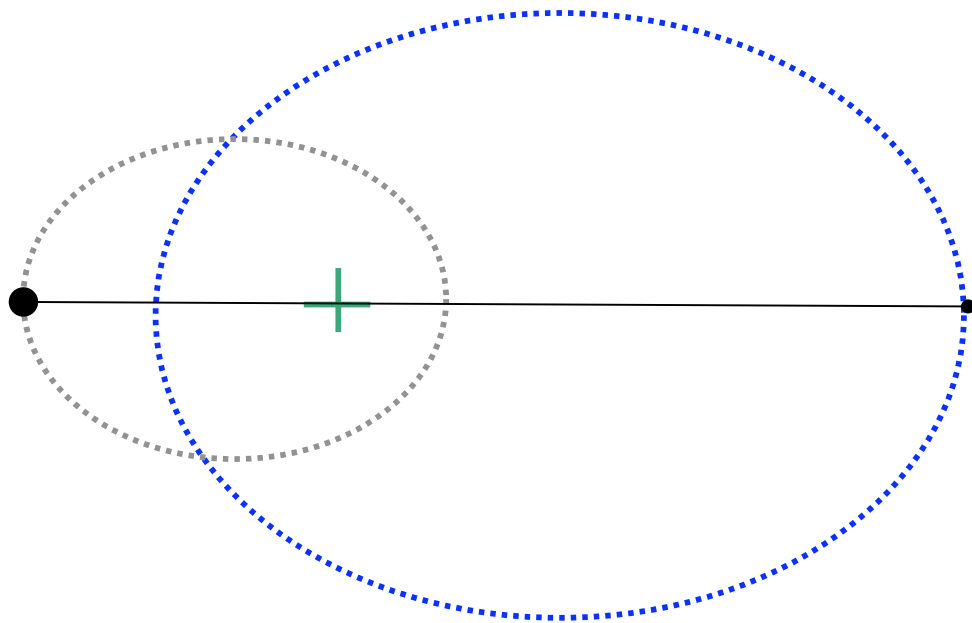
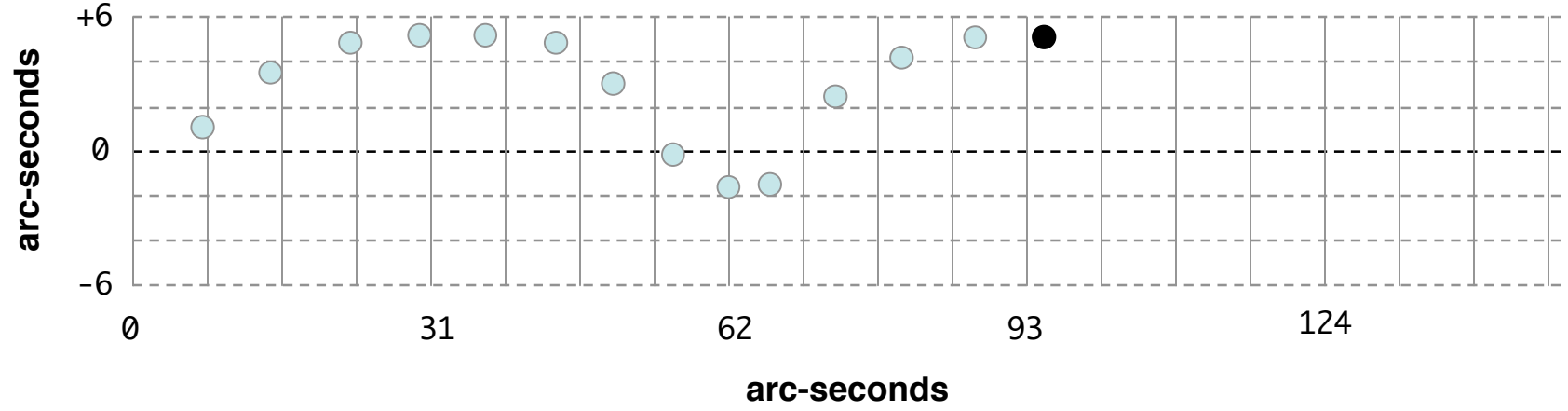


# 1910

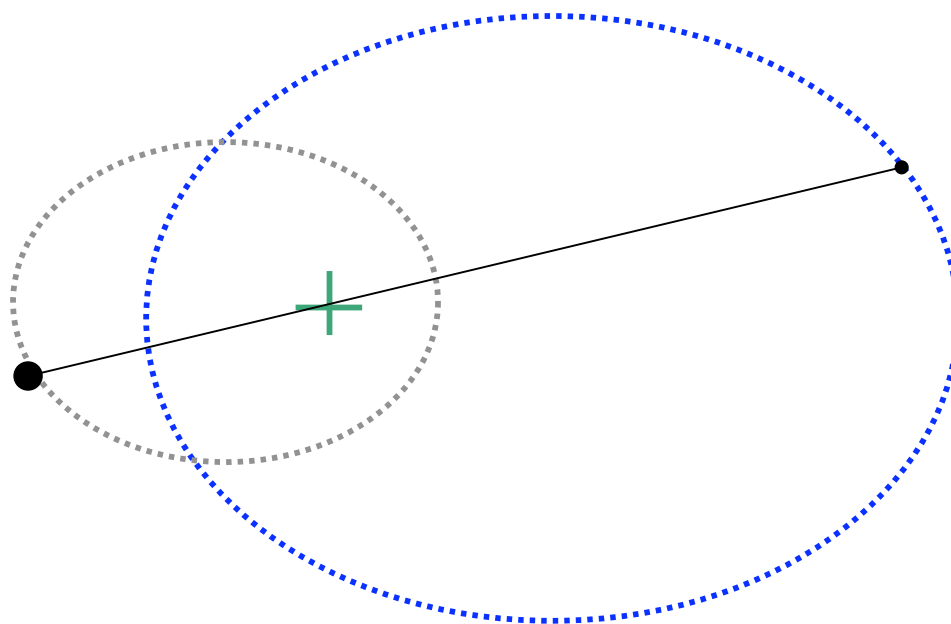
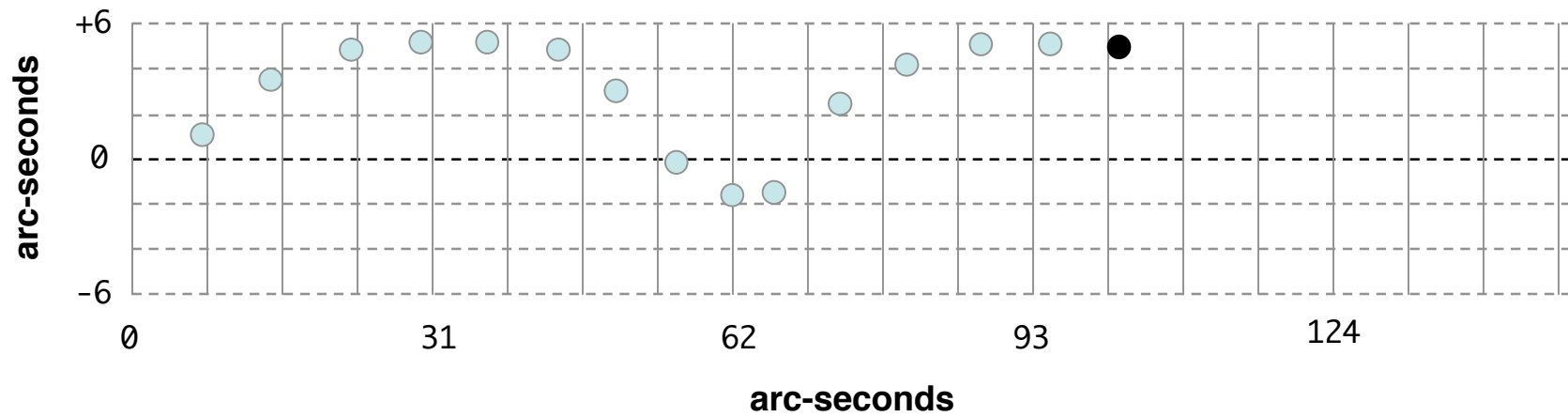




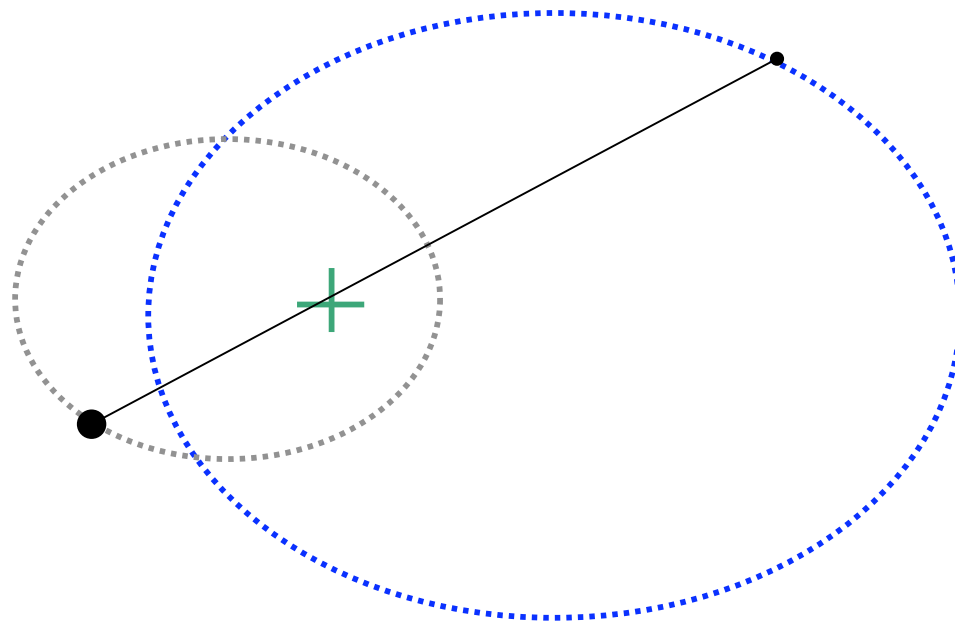
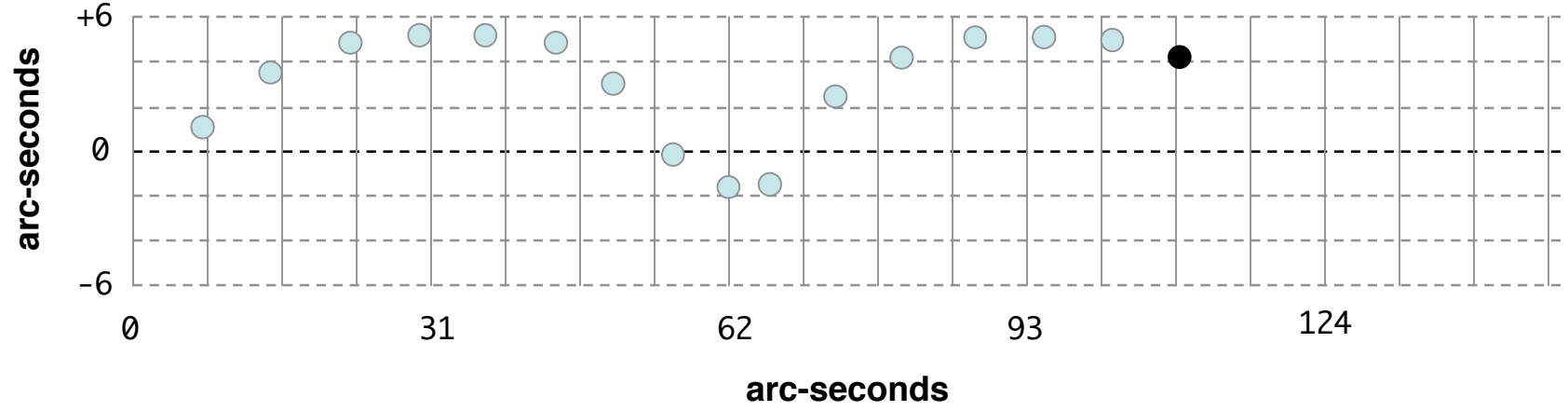
# 1915



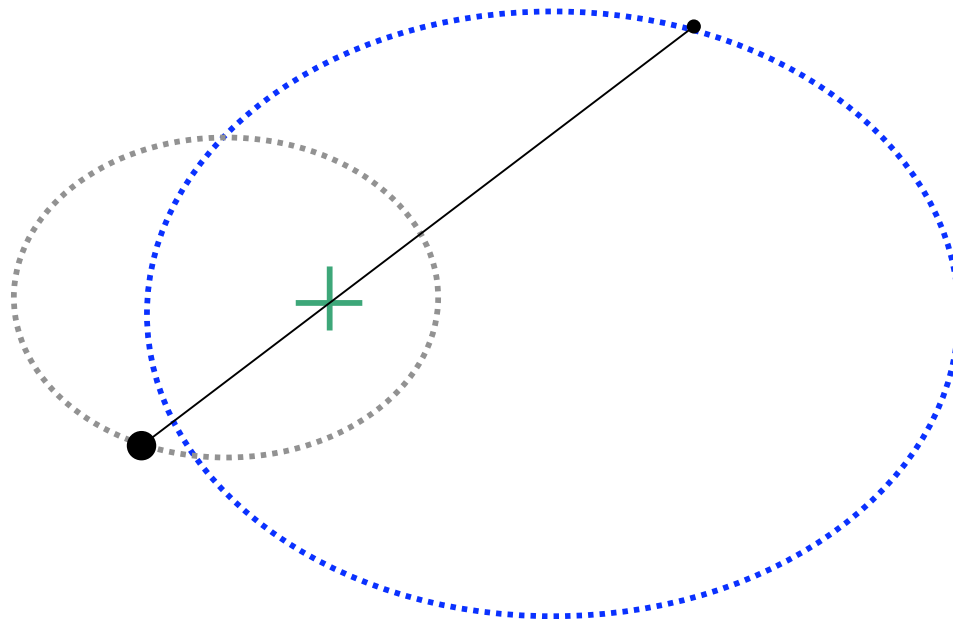
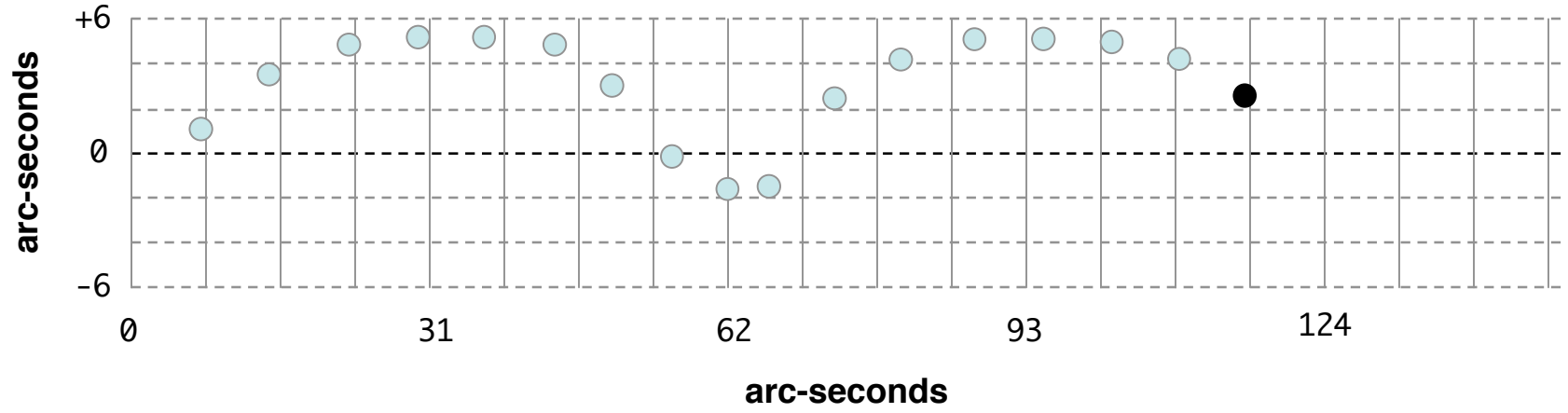
# 1920



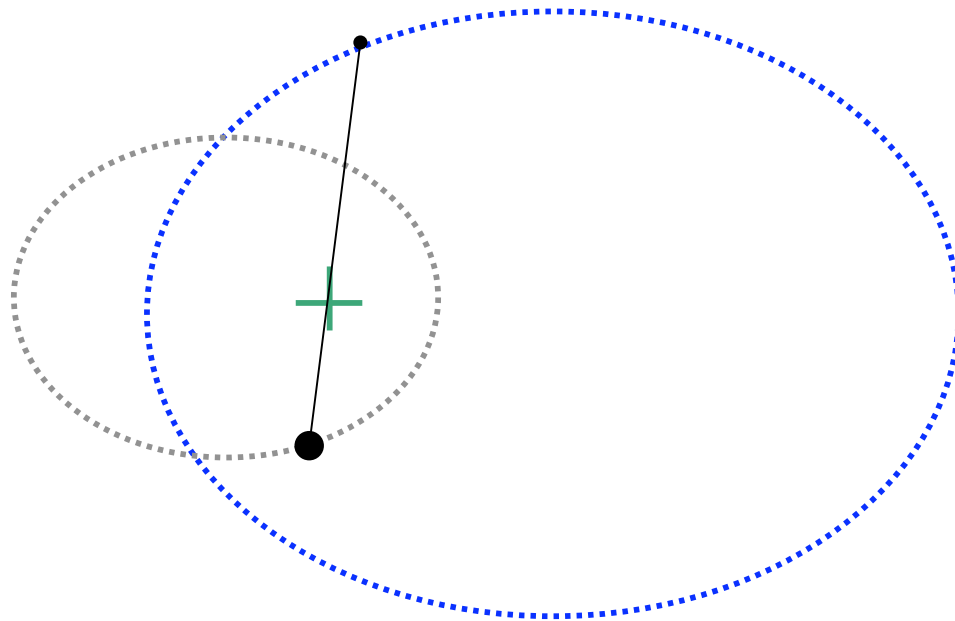
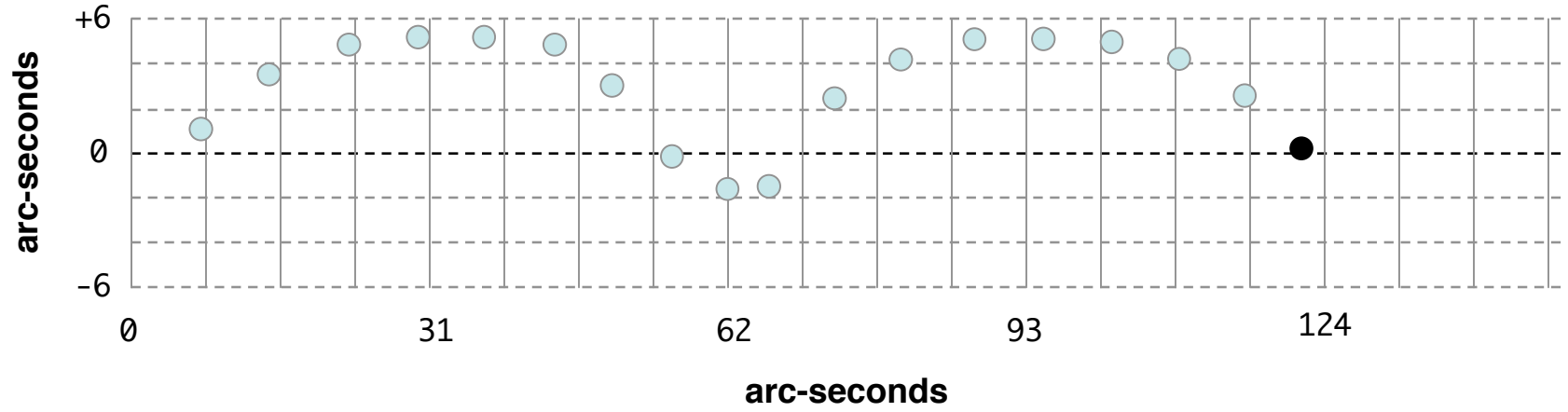
# 1925



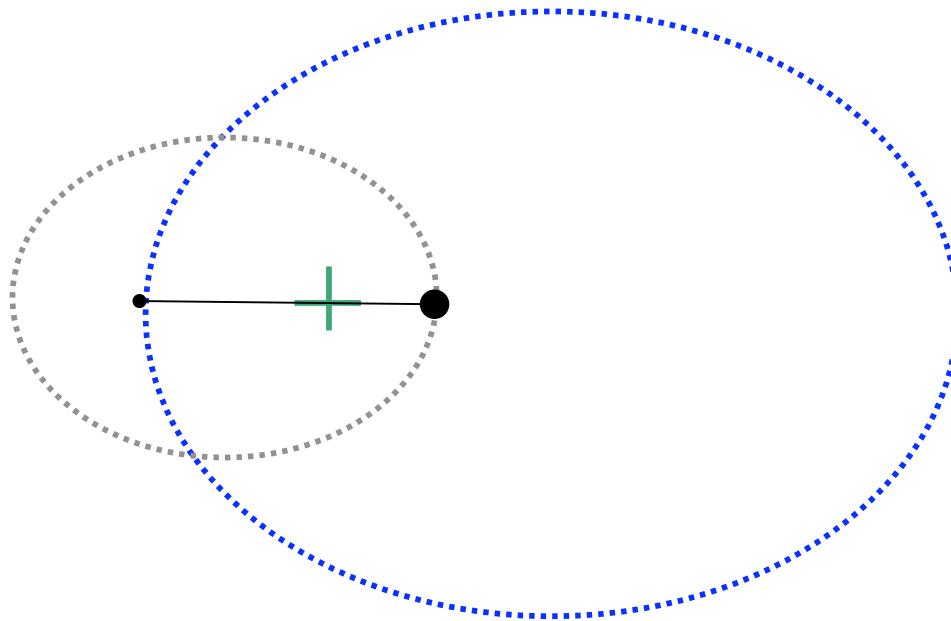
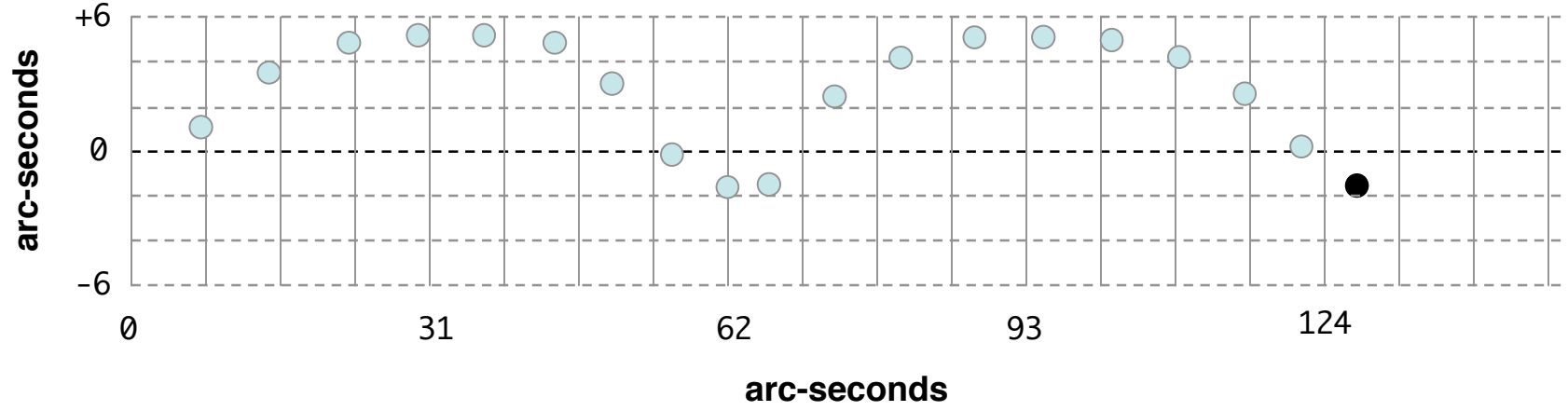
# 1930



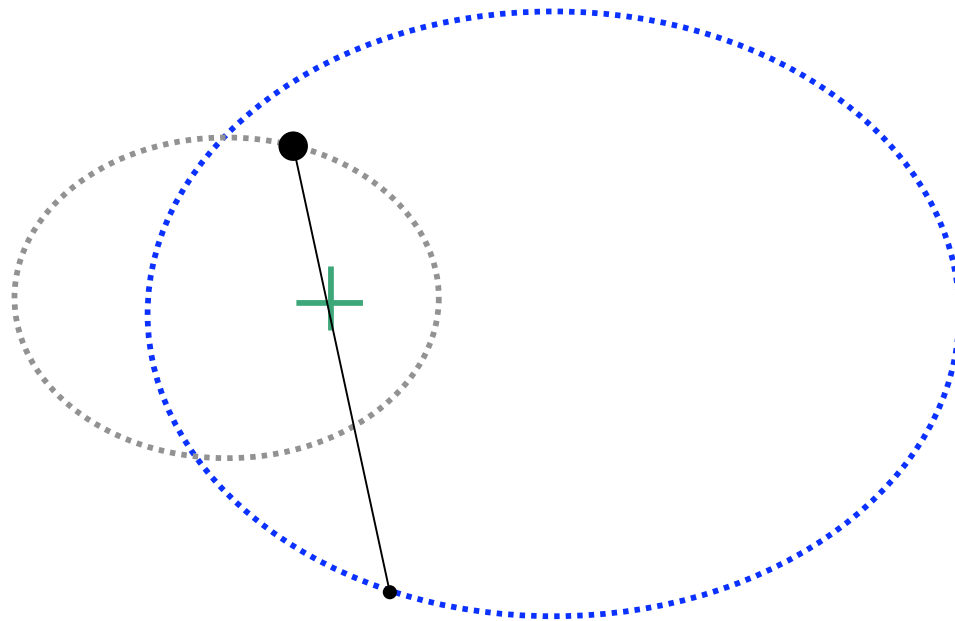
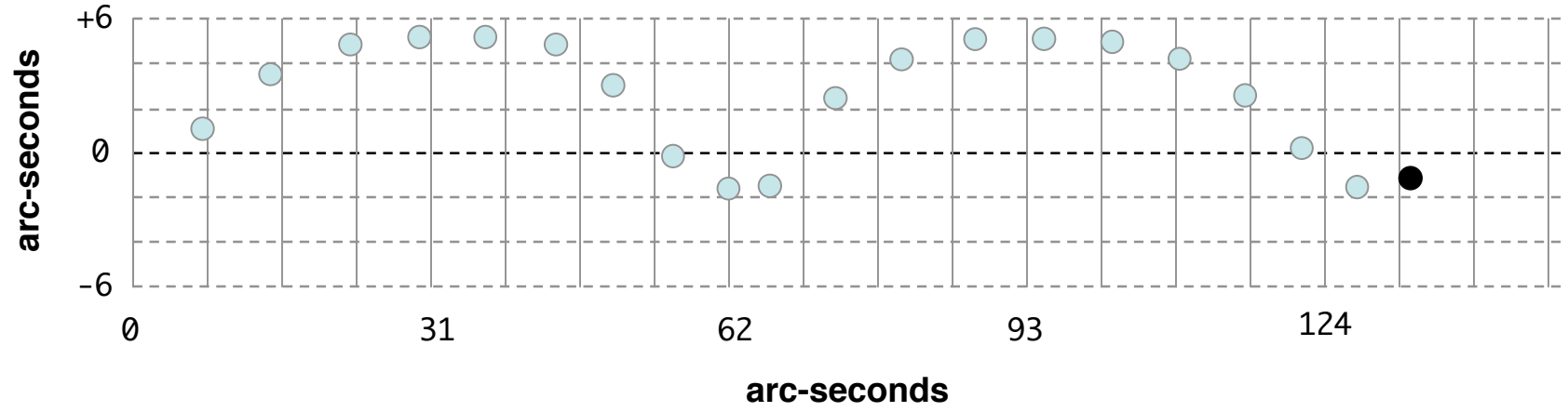
# 1935



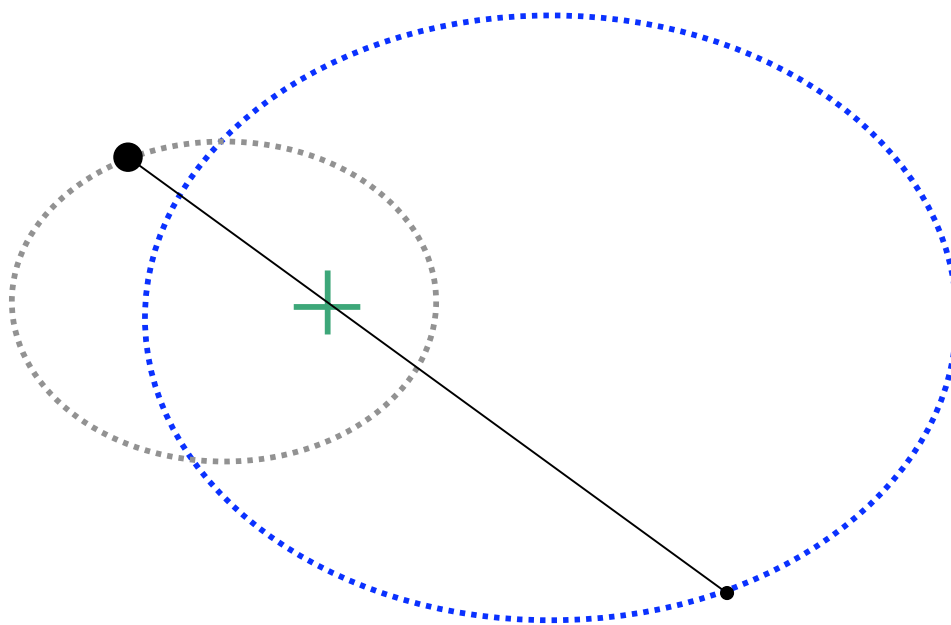
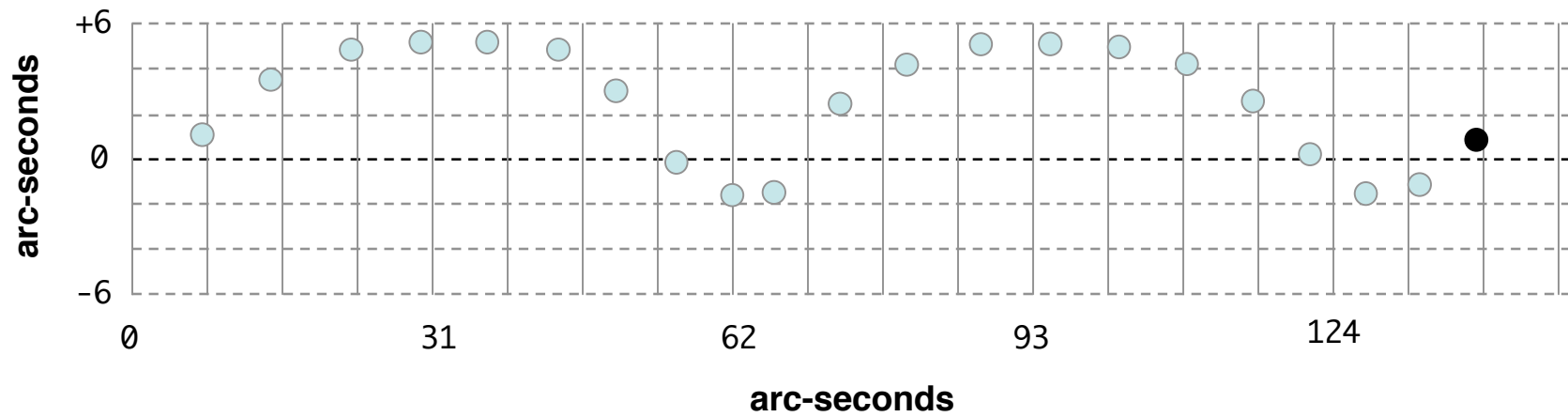
# 1940



# 1945

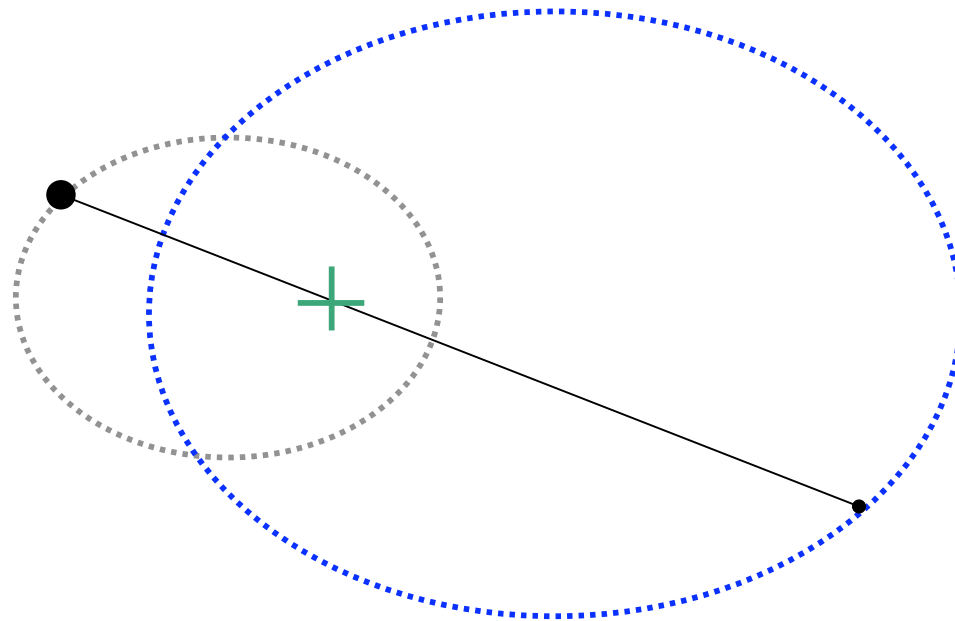
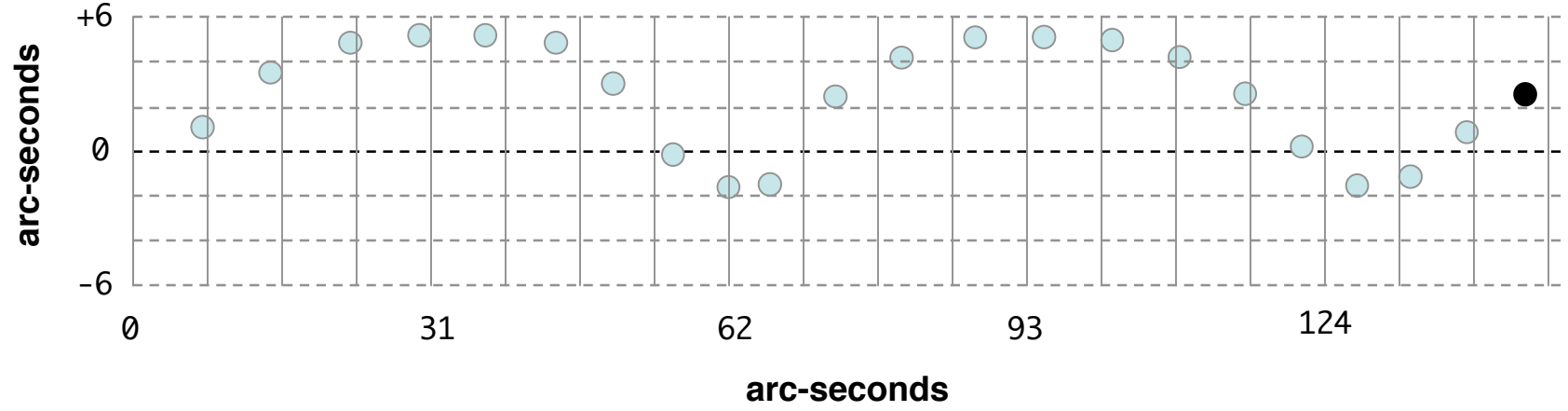


# 1950

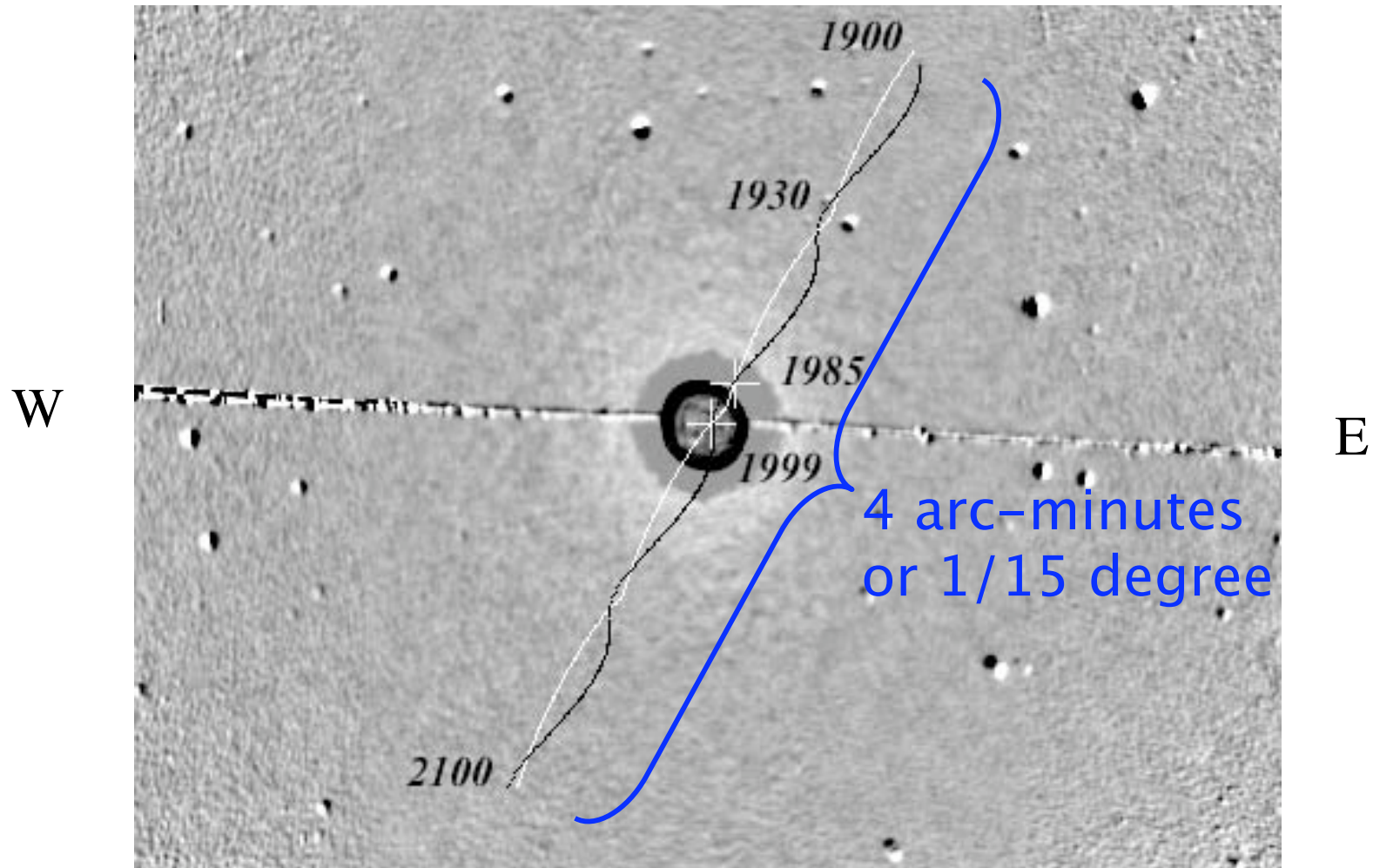




# 1955



North



**Search for Companions Around Sirius**

J.M. Bonnet-Bidaud , F. Colas and J. Lecacheux  
*Astronomy and Astrophysics v360, 991-996 (2000)*