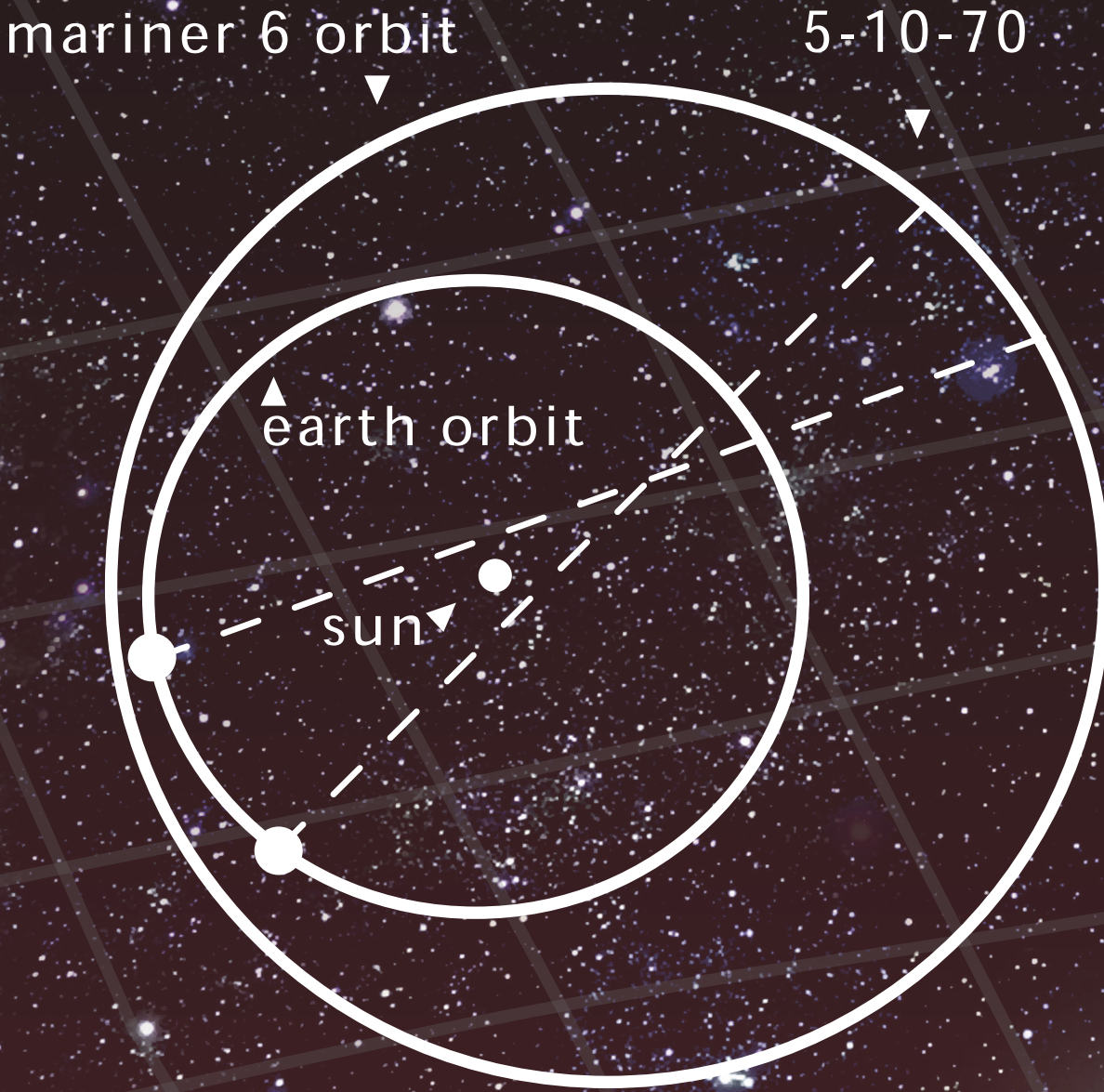
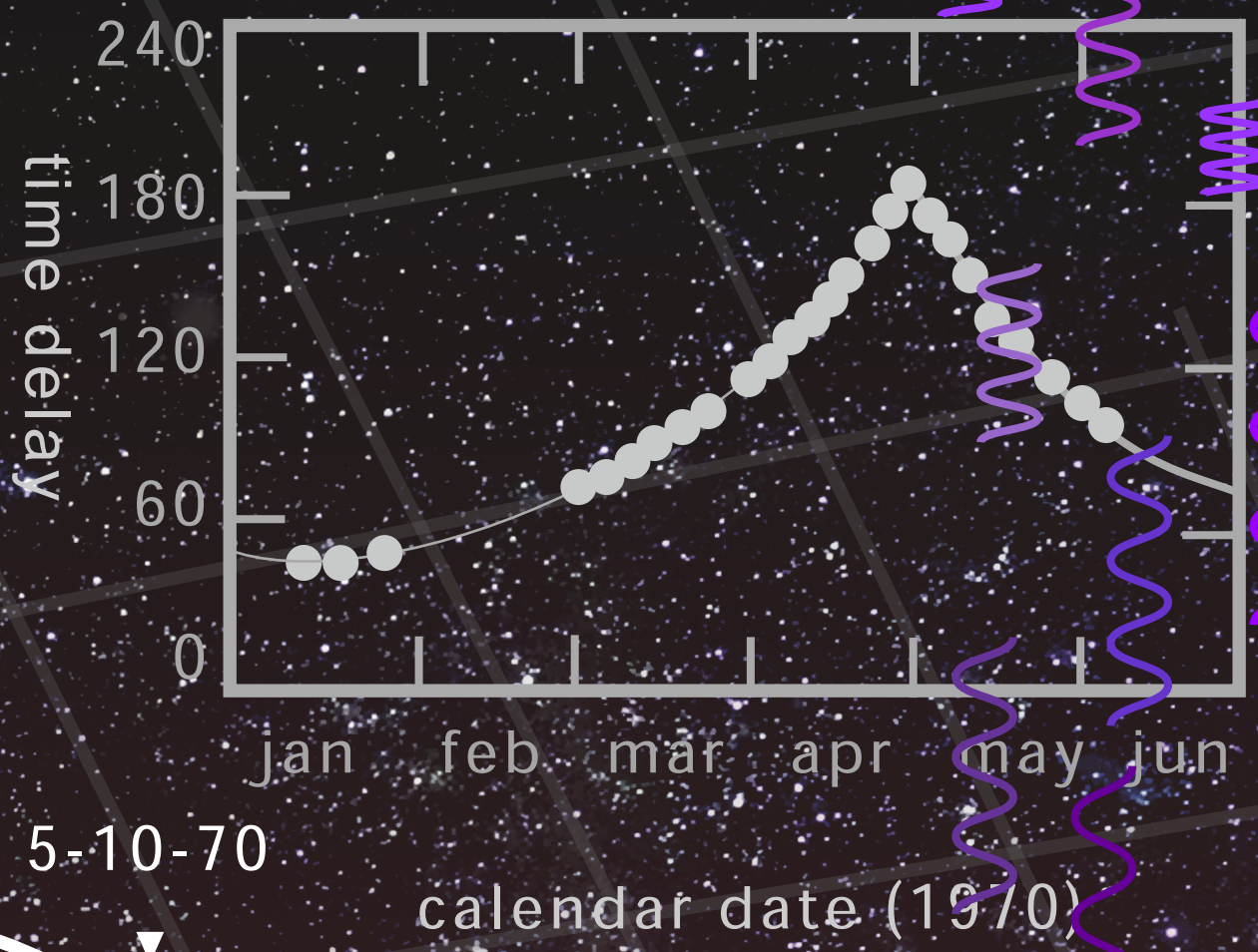
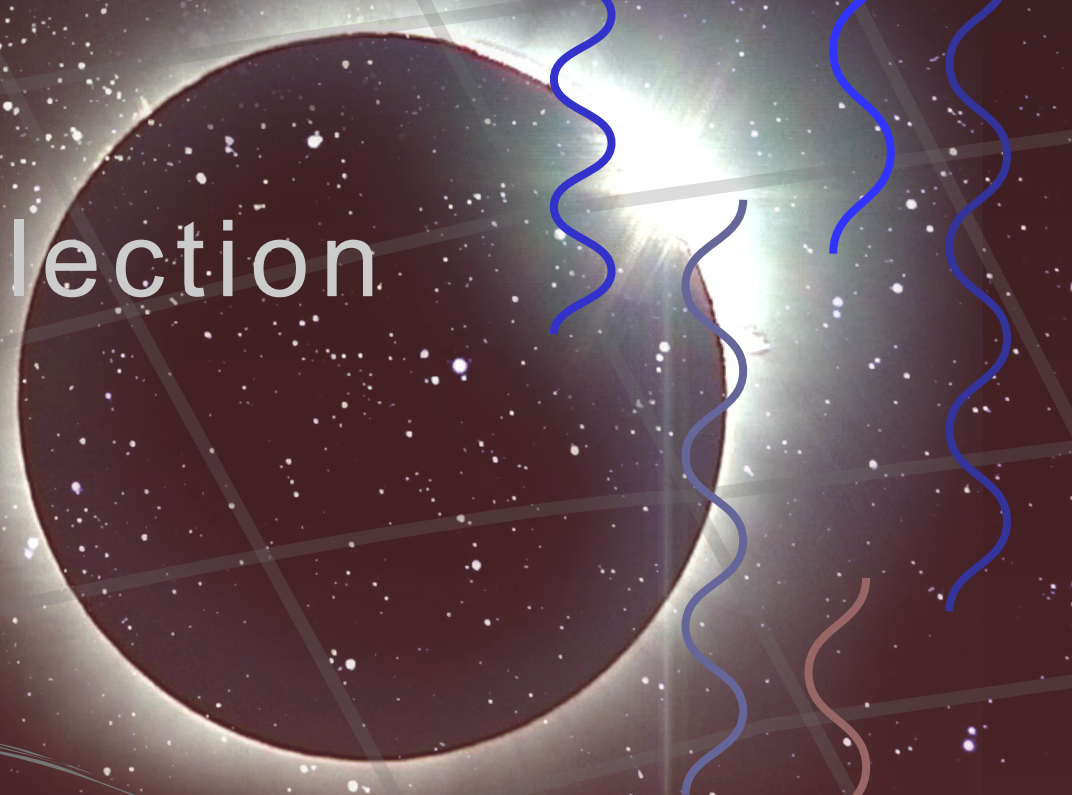


shapiro time delay (1960)



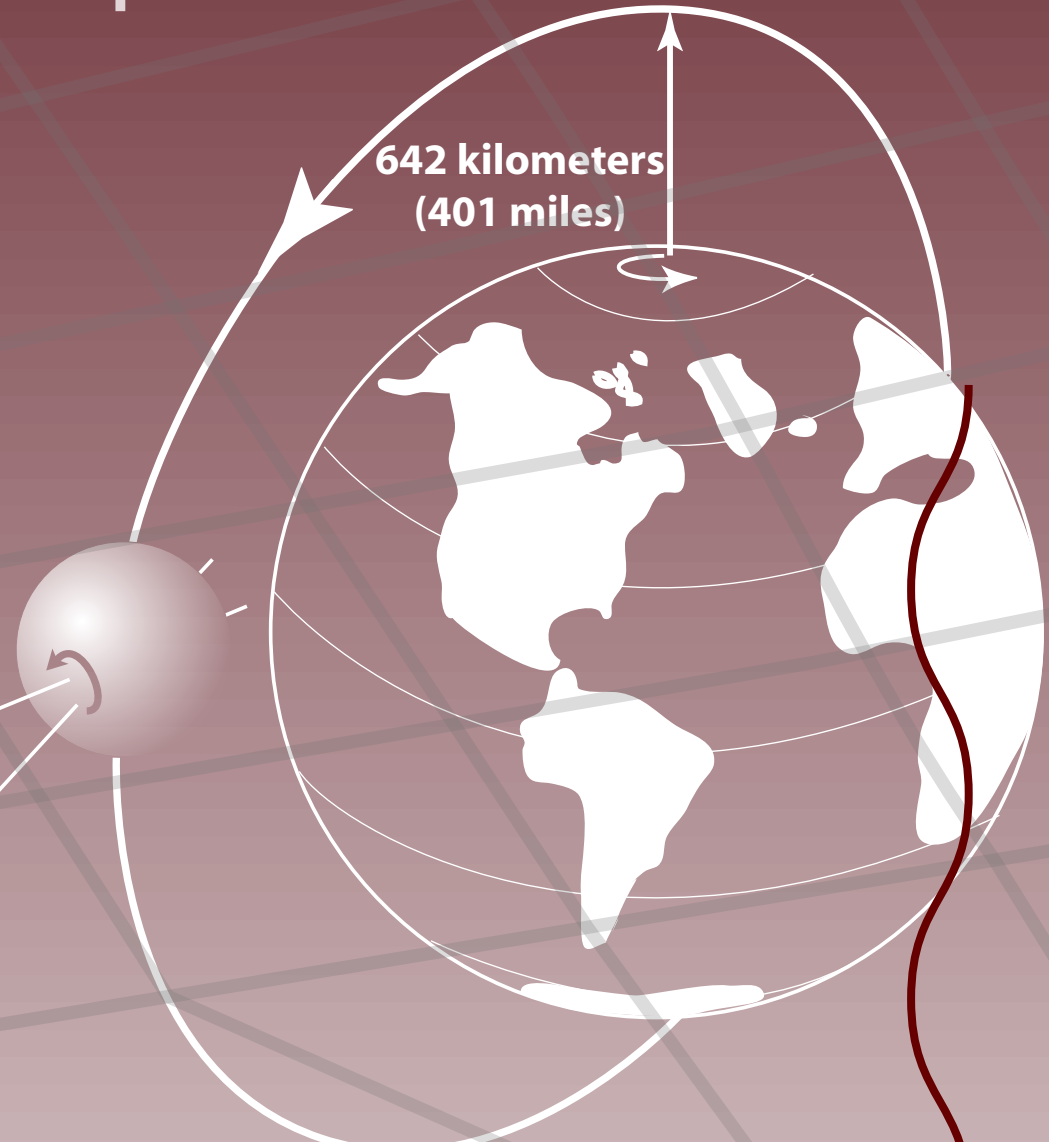
starlight deflection observed (1919)



relativity successfully explained Mercury's excess precession (1915)

gravitational red-shift gravity probe-a (1976)

relativity gyroscope experiment gravity probe-b (2004)



Frame-dragging Effect 39 milliarcseconds/year (0.000011 degrees/year)

Guide Star IM Pegasi (HR 8703)

Geodetic Effect 6,606 milliarcseconds/year (0.0018 degrees/year)

SPACETIME THE TESTS