

4/04/05

***Test 3, Chapter 6, sections 5, 6, Chapter 7, Chapter 8,
sections 1, 2, 6, 7, 10, Chapter 9, sections 1 - 5.1
Friday, April 8.***

Review sheet posted. Office hours, make appointment.

News: NASA re-affirms robots can't
fix Hubble on time. Still refuses to
do it with astronauts.

Pic of the day

Colliding galaxies

INTEGRITY WEEK

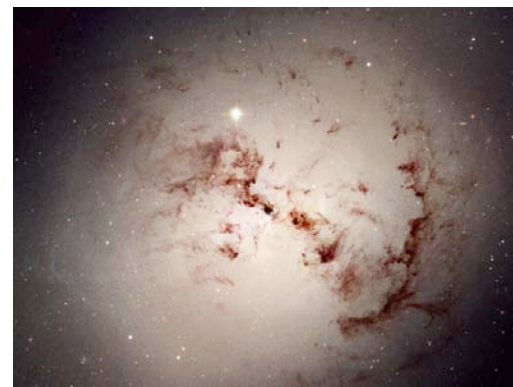
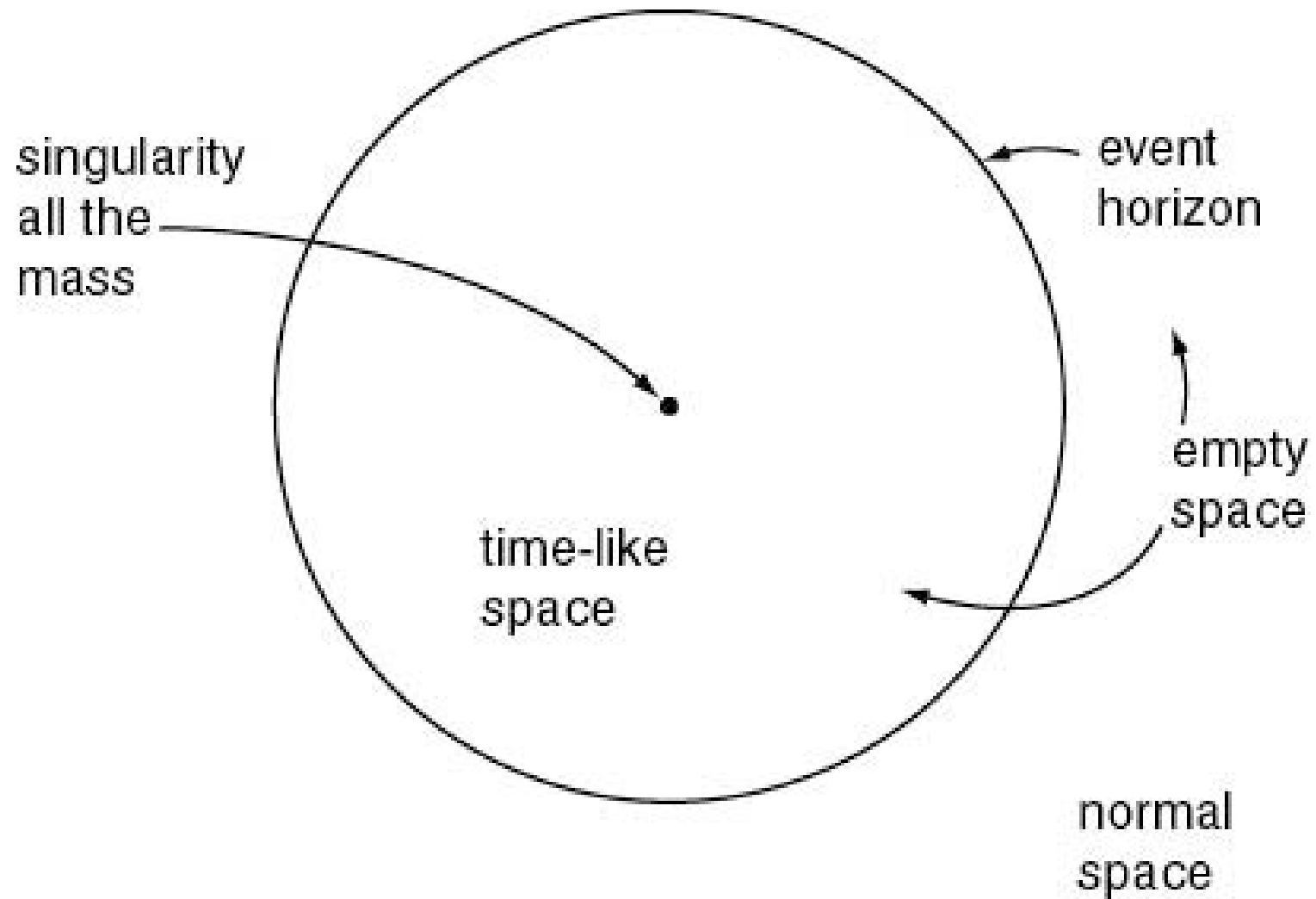
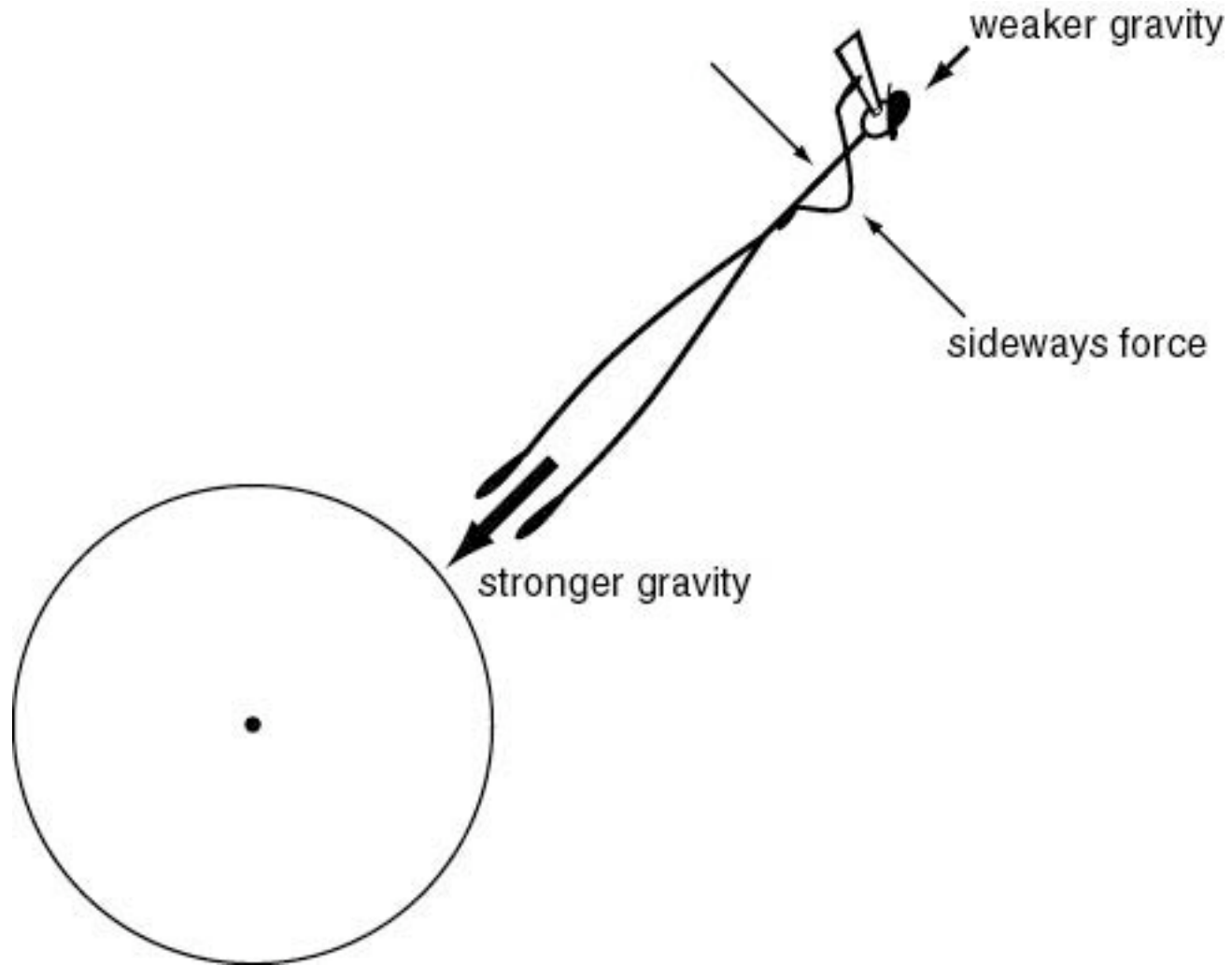


Figure 9.1



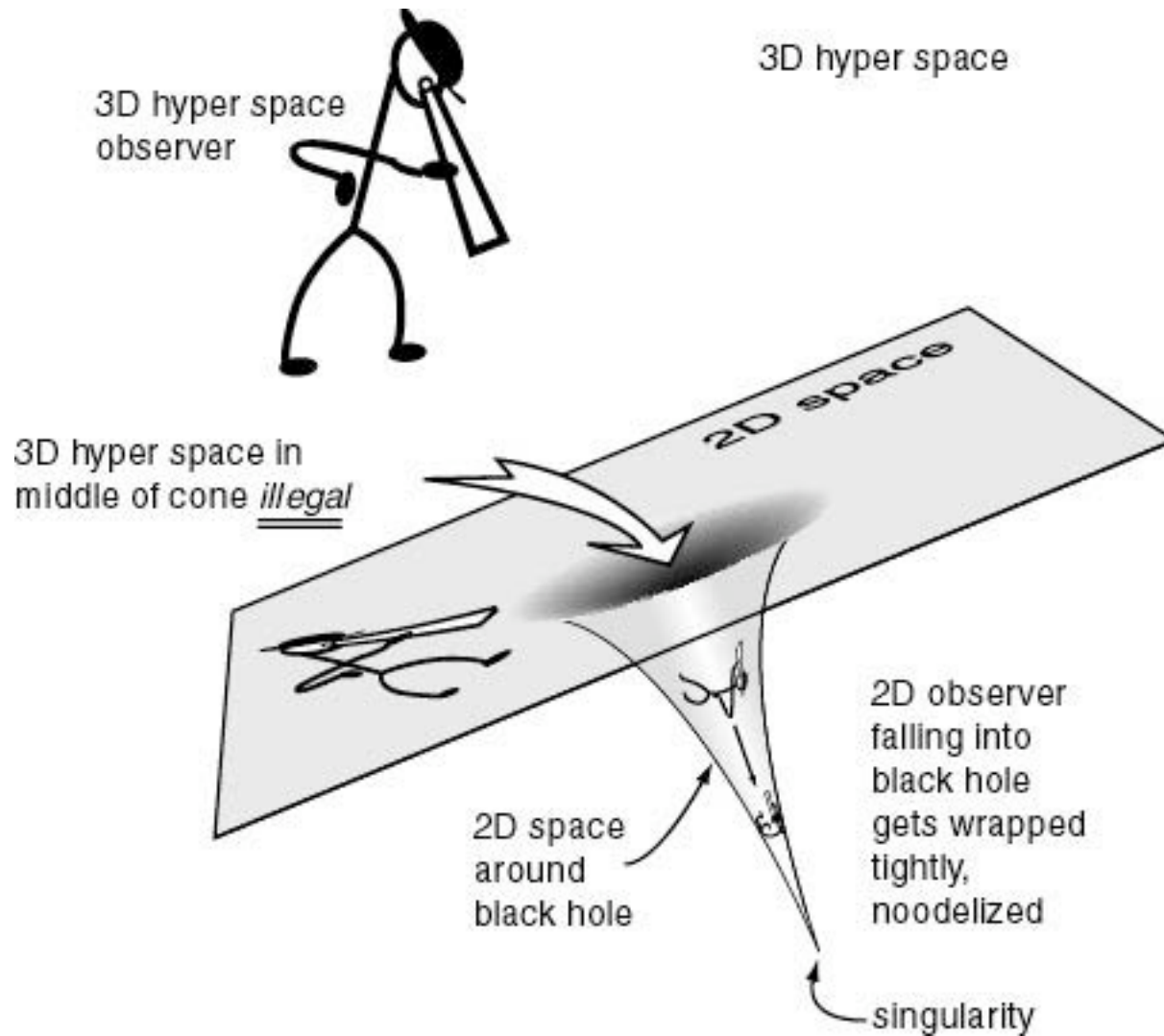
Basic properties of (non-rotating) black hole

Figure 9.2



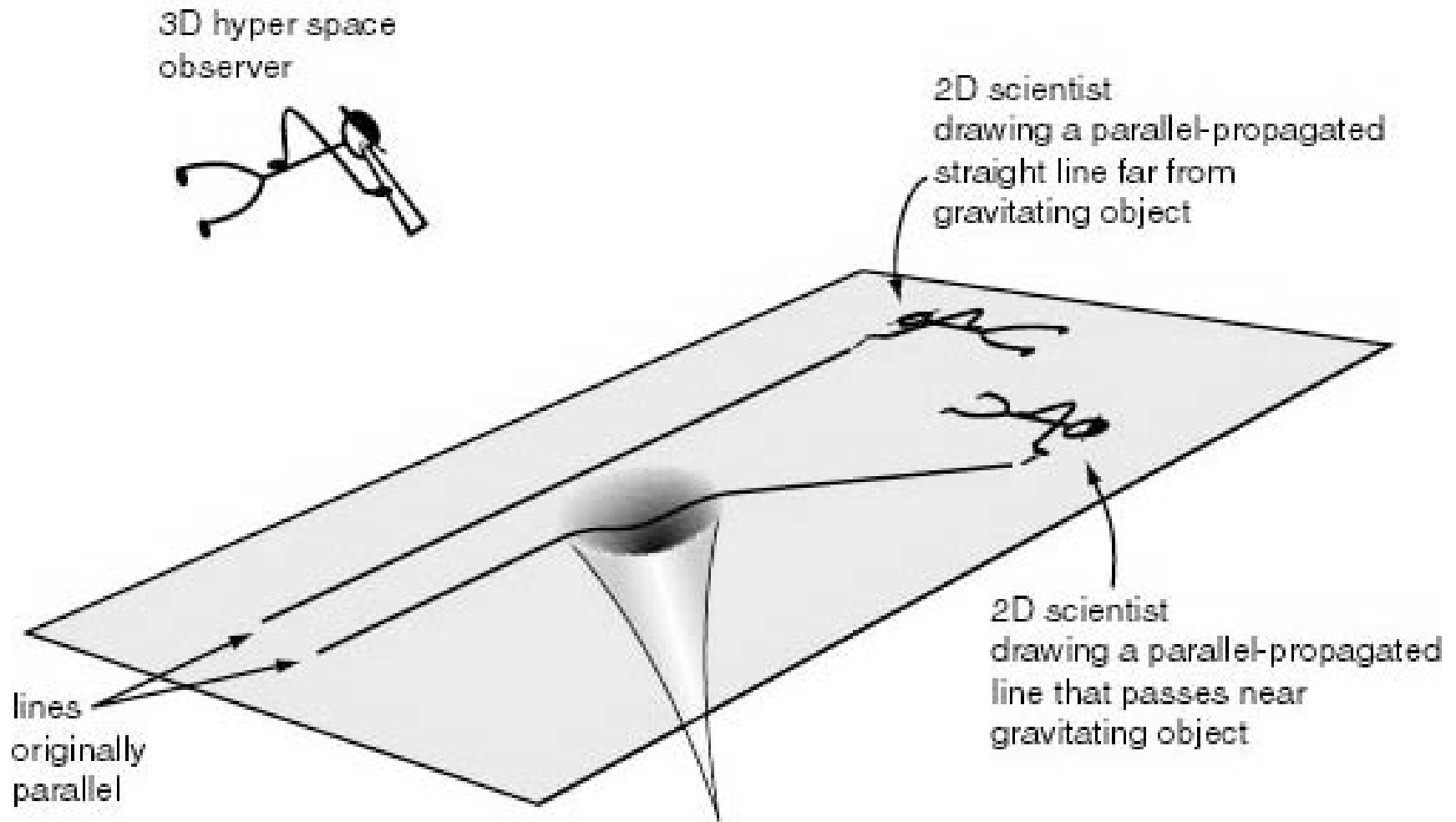
Tidal Forces

Figure 9.3



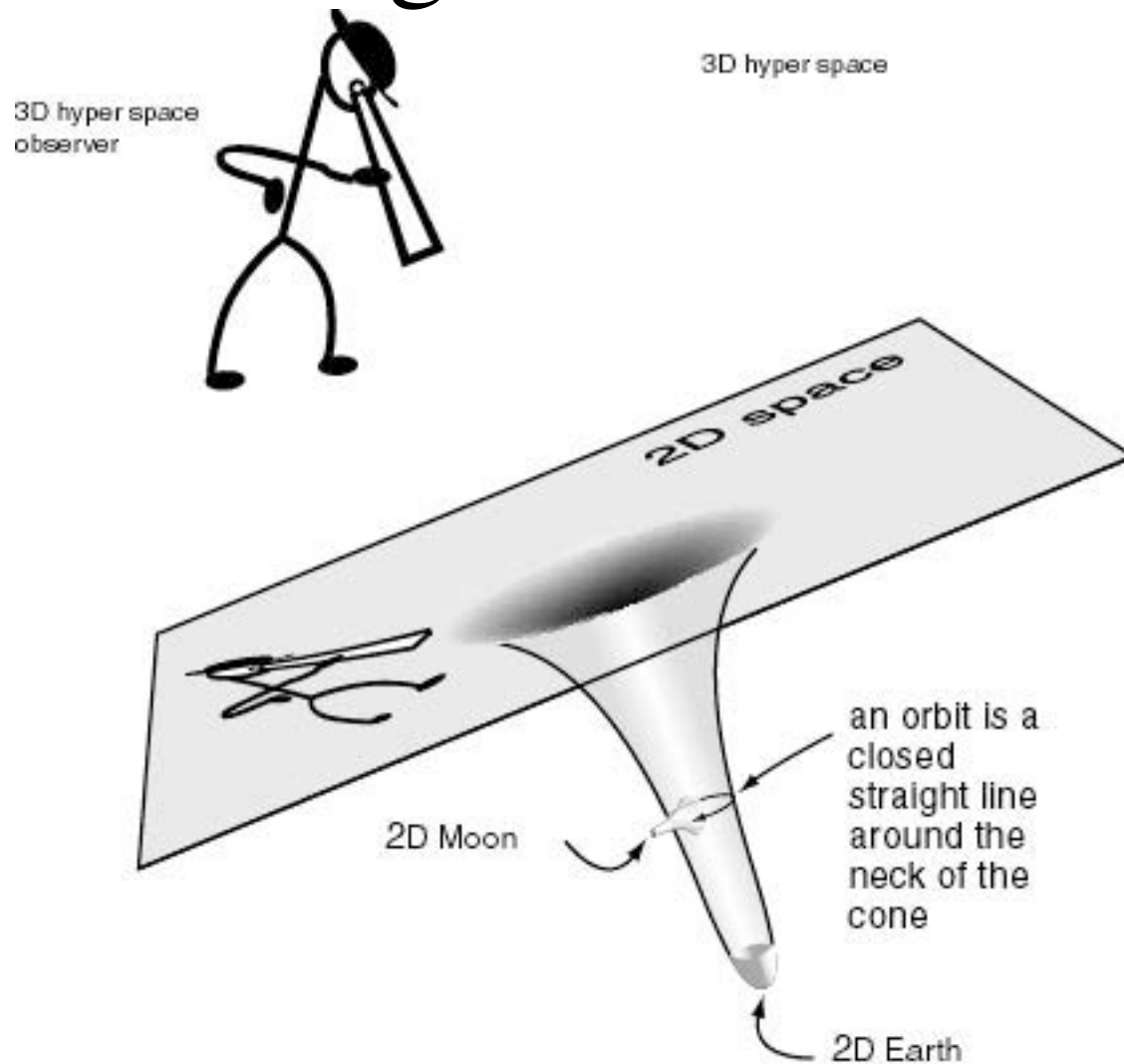
2D embedding diagram of 3D curved space around a black hole

Figure 9.4



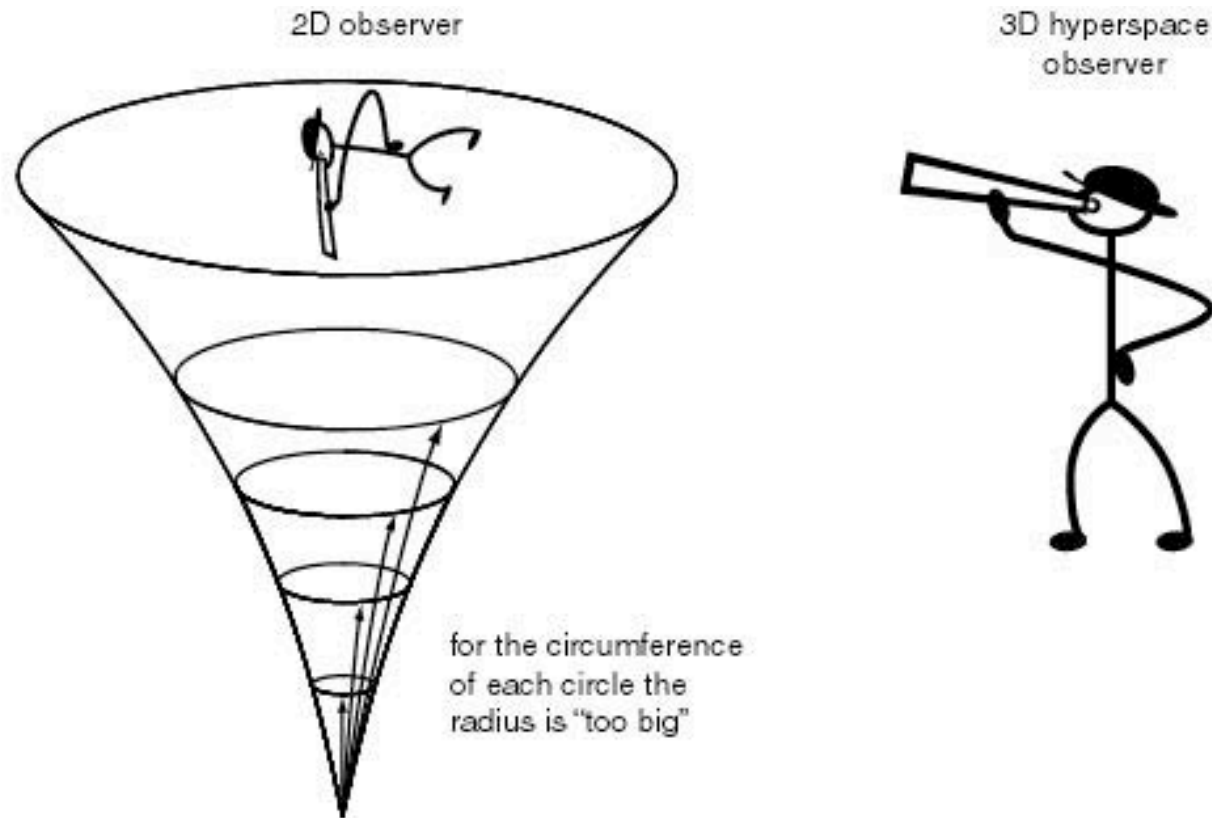
Straight lines in the 2D embedding diagram of curved, gravitating space.

Figure 9.5



Orbits in curved 2D embedding diagram of gravitating space

Fig
9.6



Curved
3D
space

