1. Reading
Read very carefully S&G Sections 3.2 and 3.4.

2. Problems
As always, check for errata!

3. Web Browsing
Astronomers rarely get to "see" stars in motion. Watch the animation at
http://antwrp.gsfc.nasa.gov/apod/ap001220.html. More about the black hole at the
center of the Milky Way can be found at
http://science.nasa.gov/headlines/y2002/21feb_mwbh.htm and a nice slide show on
the Galactic center is at
Based on this and any other relevant information you can find on the web, write a short es-
say (about a couple of pages) summarizing the current status of the observational evidence
for the existence of a massive black hole at the center of our Galaxy,