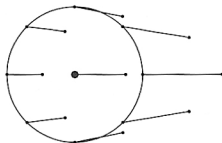


Acceleration  
Inertial  
Frame

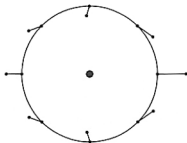


Satellite  
Orbit

Perturbing  
Mass



Acceleration  
Earth-Centered  
Frame



**Fig. 3.4.** Tidal forces due to the gravitational attraction of a distant point-like mass