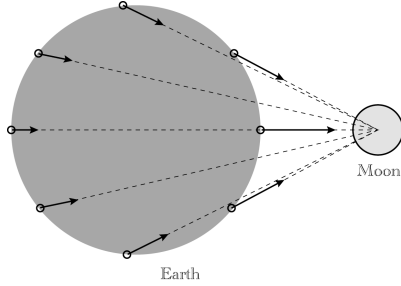
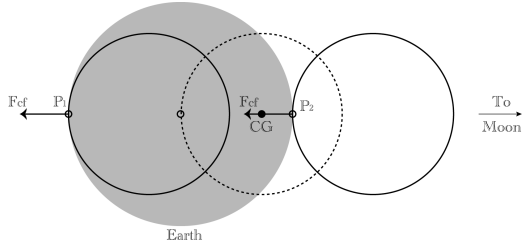
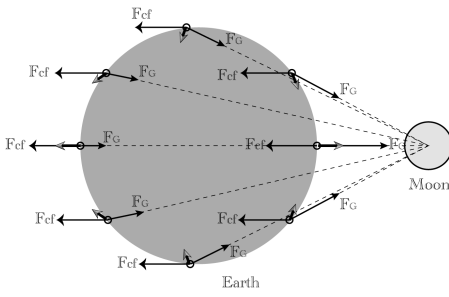
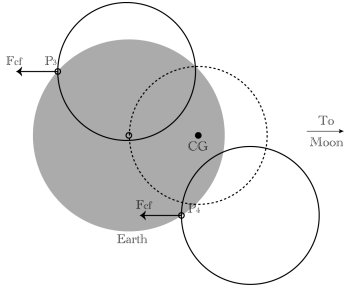
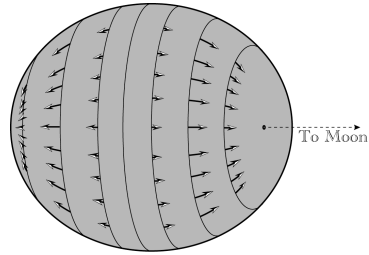
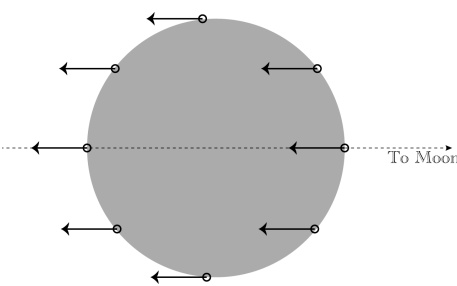
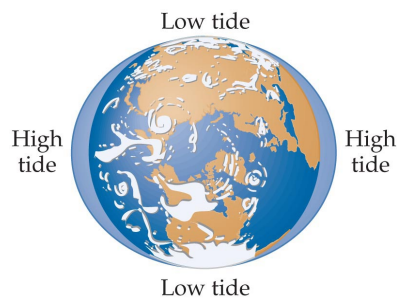
 <p><i>Fig. 1</i> Path of earth's center (dashed circle) as it moves around the common center of gravity CG of the earth-moon system.</p>	 <p><i>Fig. 5</i> Gravitational forces, due to the moon, on an object placed at various points on the earth's surface.</p>
 <p><i>Fig. 2</i> The paths traced out by the points P1 and P2, and the centrifugal force FCP.</p>	 <p><i>Fig. 6</i> The tidal generating forces.</p>
 <p><i>Fig. 3</i> Paths described by objects at points P3 and P4.</p>	 <p><i>Fig. 7</i> The arrows represent the horizontal tide-generating forces.</p>
 <p><i>Fig. 4</i> Centrifugal forces, due to rotation of the earth-moon system about its common center of gravity.</p>	 <p><i>Fig. 8</i> Tidal deformation on Earth.</p>