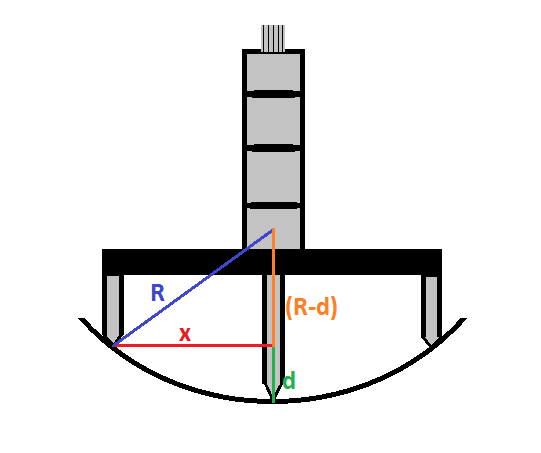
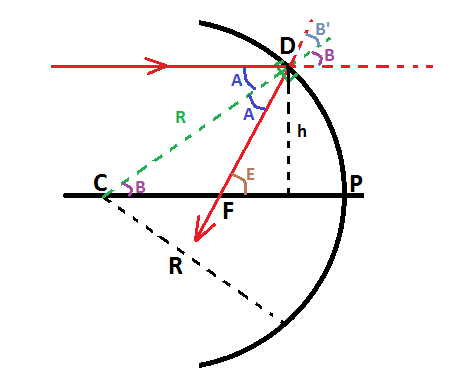
Jared Fowler

Spherical Concave Mirrors and Lenses – Pre-lab Work

Prove the focal length by spherometer formula:



Consider a ray of light (red), parallel to the principle axis, incident on a spherical mirror. Based upon the law of reflection . By the law of corresponding angles angle PCD is equal to B and .

**If the aperture of the mirror is small,** then