

Laboratory Week#2. ANGULAR SIZE OF MOON

Use a circular object about one to two inches in diameter. Have a friend hold it between your eye and the moon. Move your eye until the circular object just barely obscures the moon. Measure the distance between your eye and the circular object. Then measure the diameter of the circular object. Divide the latter by the former using the same units for both. That is the angular size of the moon in radians. To convert to degrees multiply by $180/\pi$. Record your measurements, calculations, results, and observations in your notebook.