Period vs Initial Displacement for a Pendulum (T( $\frac{\pi}{2}$ )=6.75 seconds) 8.00 7.75 7.50 Period (seconds) 7.25 7.00 6.75 6.50 6.25 1.5 2.0 0.0 0.5 1.0 2.5 3.0 Initial Displacement (radians)