timeDiff

$$\Delta t = \frac{\alpha^{\frac{3}{2}}}{\sqrt{G M}} \cdot \left[\int_0^{\theta_f} \frac{1}{(1+\epsilon \cos\theta)^2} d\theta - \int_0^{\theta_i} \frac{1}{(1+\epsilon \cos\theta)^2} d\theta \right]$$

{ %DELTA t = { %alpha ^ { 3 over 2 } over sqrt { G M } } cdot left [int from { 0 } to { %theta _ f } { 1 over ({ 1 + %epsilon cos %theta }) ^ 2 } d %theta - int from { 0 } to { %theta _ i } { { 1 over ({ 1 + %epsilon cos %theta }) ^ 2 } d %theta } right] }