timeInt

$$\int \frac{1}{(1+\epsilon\cos\theta)^2} = \frac{\epsilon\sin\theta}{(\epsilon^2-1)(\epsilon\cos\theta+1)} - \frac{2\tanh^{-1}\left(\frac{(\epsilon-1)\tan\left(\frac{\theta}{2}\right)}{\sqrt{\epsilon^2-1}}\right)}{(\epsilon^2-1)^{3/2}}$$

int {1 over (1+ %epsilon cos%theta)^2} = { %epsilon sin%theta } over { (%epsilon^2 - 1)(%epsilon cos%theta + 1)} - { {2 tanh^-1 left({(%epsilon-1) tan(%theta over 2)} over {sqrt{%epsilon^2-1}} right)}} over { (%epsilon^2 -1)^{3/2} }