Find the length of the arc of the curve $y = \log\left(\frac{e^x - 1}{e^x + 1}\right)$ from x = 1 to x = 2.

9.2 Find the length of an arc of the curve $x^2 = a^2 (1 - e^{a/2})$ measured from (0,0) to (x,y).

 $\frac{0.3}{x} \text{ Find the length of astroid}$ $\frac{2/3}{x} + y^{2/3} = \frac{2/3}{3}.$

O.y Find the volume of solid of revolution of loop of curve $y^a = x^4(x+a)$ about x axis.

0.5 $y = x^2 + 1$ and y = -x + 3 is rotated about x-axis. Find volume of revolution.