Q1.
$$X = 1+(4-1)U$$

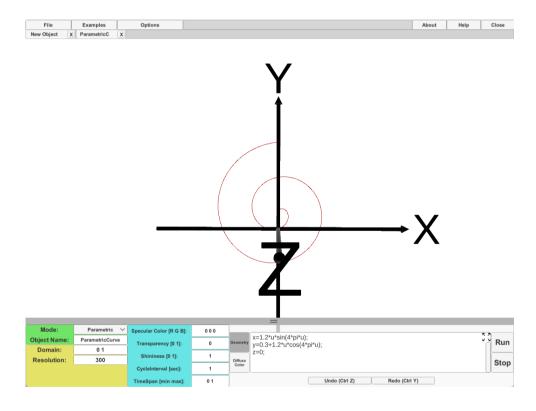
 $y = 2+(3-2)U$
 $u \in [0, \infty)$

$$Q_2. \frac{x}{-2} + \frac{y}{3} = 1$$

$$\Rightarrow -3x + 2y = 6$$

$$\Rightarrow -3x + 2y - 6 = 0$$

$$Ω_3$$
. $χ = |(ZU \cdot sin(4T u))$
 $y = 0.3 + |(ZU \cdot cos(4Tu))$
 $u = [D, 1]$



Q4. If we represent it in polar collordinate We can obtain that R=0.75

As for triangle function $T = \overline{T}, w = 2\overline{T} = 20, A = 0.25, b = 0$ $\Rightarrow r = A \cdot \sin(wx + b) + R = 0.25 \sin(20x) + 0.75 \alpha e[0,T]$ Since S = Cos(x) Y = Cos(x)use u + o represent d, then x = TM $u \in [0,1]$

 $\begin{array}{ll}
x = (0.25 \sin(20\pi u) + 0.75) \cos(\pi u) \\
y = (0.25 \sin(20\pi u) + 0.75) \sin(\pi u) \\
u \in [0, 1]
\end{array}$

