$$\mathcal{J} = \left(\frac{t^3 - 2t + 1}{t^4 + 3}\right)$$

$$U = \frac{E^{3} - 2t + 1}{E^{4} + 3} \qquad \frac{d4}{dt} = \frac{(3t^{2} - 2)(E^{4} + 3) - (4t^{3})}{(E^{3} - 2t + 1)}$$

$$\frac{dy}{dt} = \frac{dy}{du} \cdot \frac{du}{dt} = \frac{13u}{(3t^2-2)(t^3)} - \frac{(4t^3)}{(t^3-2t^4)}$$

$$-2 13 \left(\frac{\xi^3 - 2\xi + 1}{\xi + 1}\right) \left(\frac{\xi^3 - 2\xi + 1}{\xi + 1}\right) \left(\frac{\xi^3 - 2\xi + 1}{\xi + 1}\right)$$