

Decaying Spiral Torus

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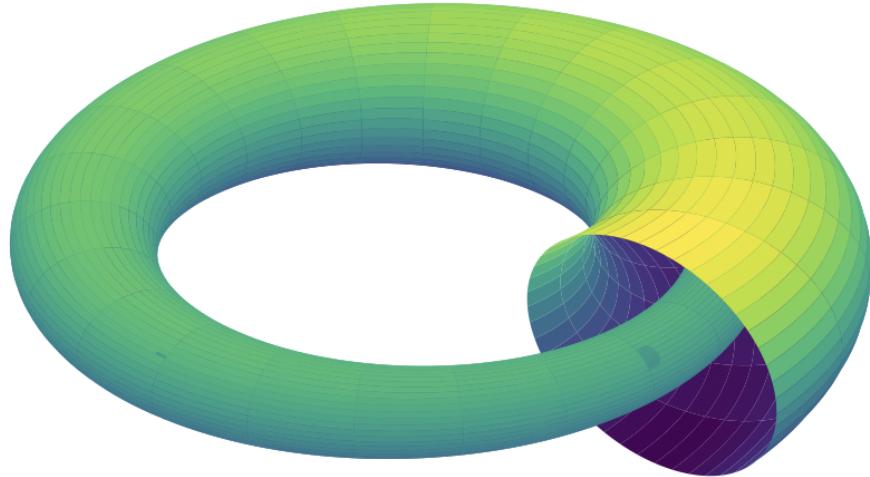


Figure: Visualization of the decaying spiral torus.

$$x(\theta, v) = (R + r_0 e^{-k\theta} \cos v) \cos \theta$$

$$y(\theta, v) = (R + r_0 e^{-k\theta} \cos v) \sin \theta$$

$$z(\theta, v) = r_0 e^{-k\theta} \sin v$$

$$\theta \in [0, 4\pi]$$

$$v \in [0, 2\pi]$$

R Major radius of the torus

r_0 Initial tube radius

k Exponential decay constant