

DA3FECOR

Cornu's spiral is obtained by plotting Fresnel's Integrals $C(Y)$ and $S(Y)$ on x and y axis, respectively.

The highest value f of Y is globally defined

$$Y := 0, .01.. f$$

$$C(Y) := \int_0^Y \cos\left(\frac{\pi}{2} \cdot \eta^2\right) d\eta \quad S(Y) := \int_0^Y \sin\left(\frac{\pi}{2} \cdot \eta^2\right) d\eta$$

$$f \equiv 5$$

