Euler spiral

า Euler spiral is curve whose curvature changes linearly with its curve length. Euler spiral satisfy condition that the ırvature of circular curve is equal to the reciprocal of its radius.

$$a1 := \text{curve2d\_param}\left(C\left(\text{sqrt}(2/\pi) \cdot t \right)/\text{sqrt}(2/\pi),\ S\left(\text{sqrt}(2/\pi) \cdot t \right)/\text{sqrt}(2/\pi),\ \text{-10},\ 10,\ 10000 \right)$$

Euler spiral