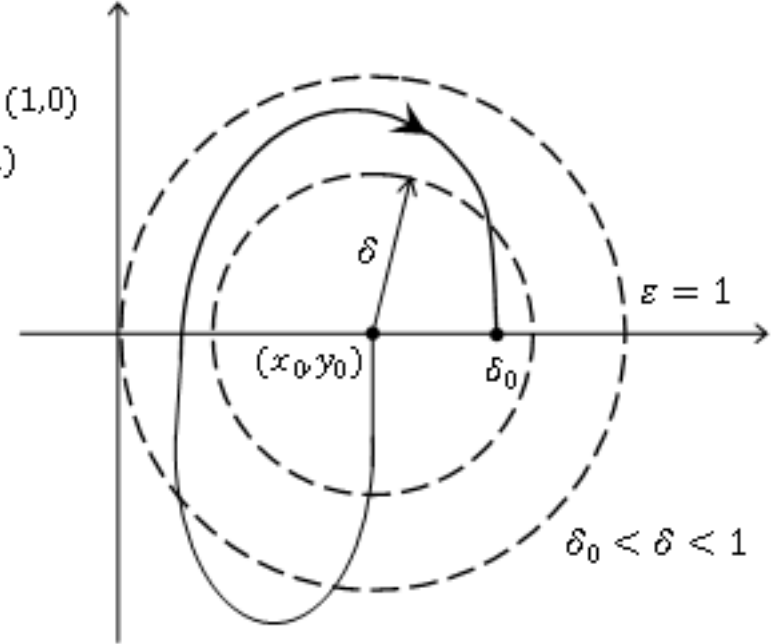
Cartesian coordinates: $(x_0, y_0) = (1,0)$

Polar coordinates: $(\theta_0, \delta_0) = (0,1)$