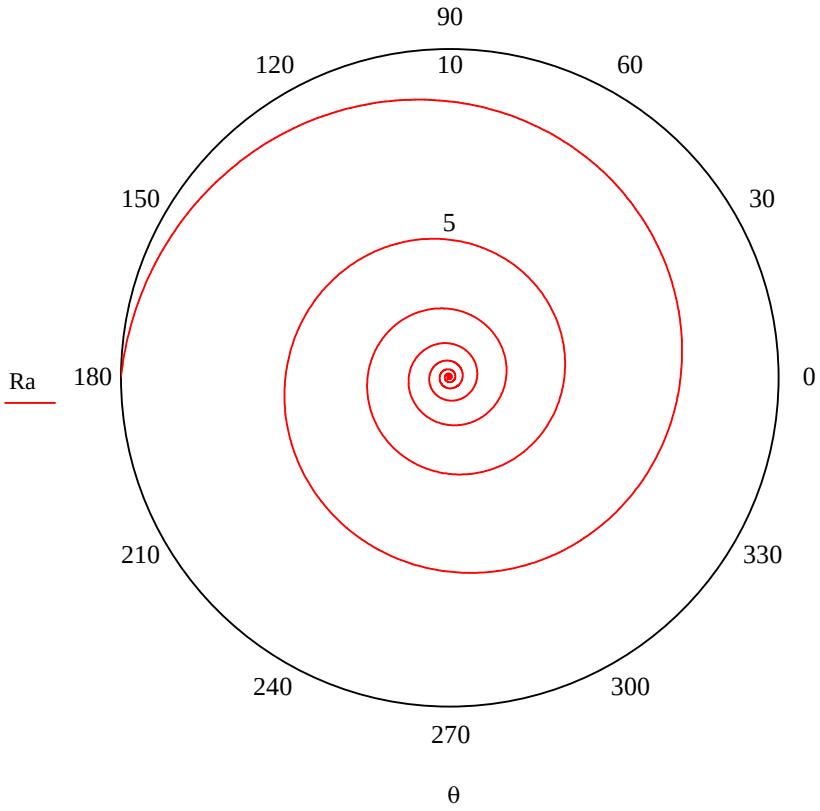
$Ra = a \cdot e^{\theta \cdot \cot(b)}$ $b = \cot(b)$

$Ra = a \cdot e^{b \cdot \theta}$

$a := 0.02900243$ $b := 0.1103178$ $i := 0, 1 .. 3060$

$\theta_i := i \cdot deg$

$Ra_i := a \cdot e^{b \cdot \theta_i}$ $Ra_{3060} = 10.500001$ $Ra_{2700} = 5.250001$



Given

$k := 0.001$ $m := 0.2$

$10.5 = k \cdot e^{m \cdot 3060deg}$ $5.25 = k \cdot e^{m \cdot 2700deg}$

$\begin{pmatrix} k \\ m \end{pmatrix} := Find(k, m)$ $k = 0.02900243$ $m = 0.1103178$