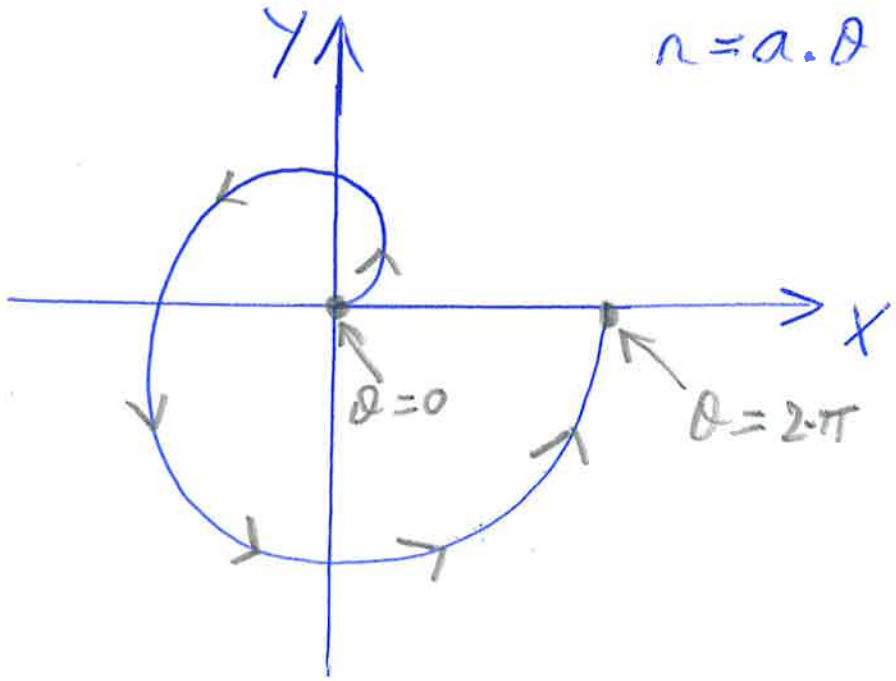
Schakel 1 - p50 - oef 12a



$r = a \cdot \theta \quad (a > 0)$

Booglengte:

$r(\theta) := a \cdot \theta$

$$\int_0^{2\cdot\pi} \sqrt{(r(\theta))^2 + \left(\frac{d}{d\theta}(r(\theta))\right)^2} \cdot d\theta$$

$= 21{,}2563 \cdot a$