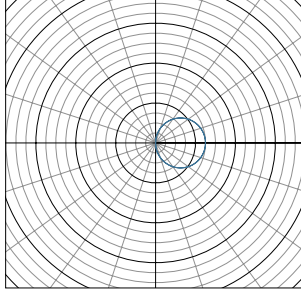
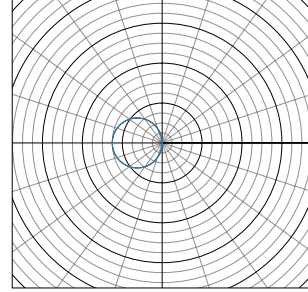


*circles*

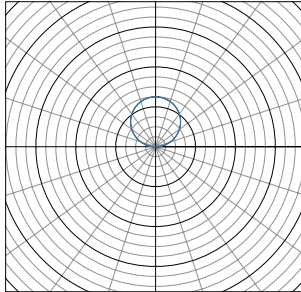
$$r = \cos(\theta)$$



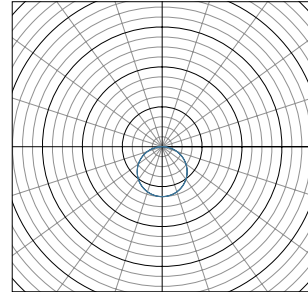
$$r = -\cos(\theta)$$



$$r = \sin(\theta)$$

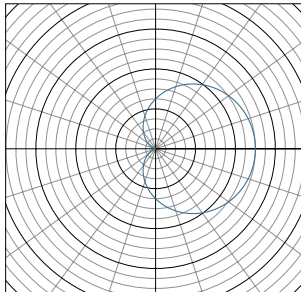


$$r = -\sin(\theta)$$

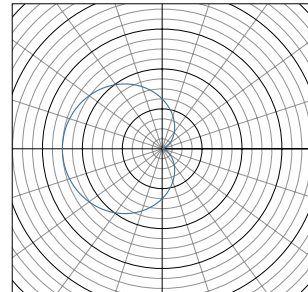


*cardioids*

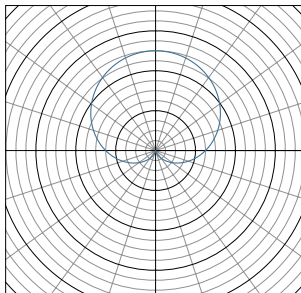
$$r = 1 + \cos(\theta)$$



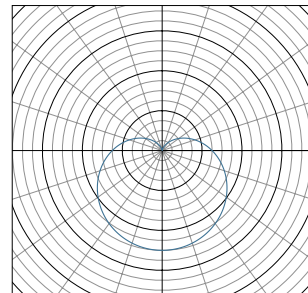
$$r = 1 - \cos(\theta)$$



$$r = 1 + \sin(\theta)$$

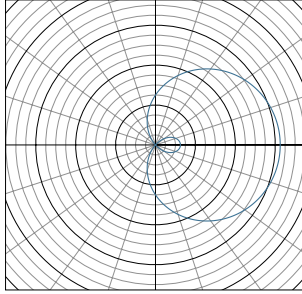


$$r = 1 - \sin(\theta)$$

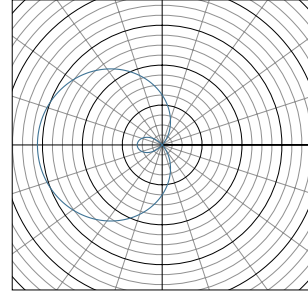


*limaçons*  
( $c > 1$ )

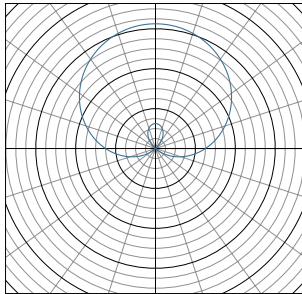
$$r = 1 + c \cdot \cos(\theta)$$



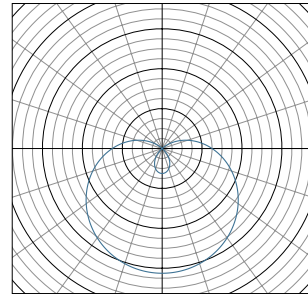
$$r = 1 - c \cdot \cos(\theta)$$



$$r = 1 + c \cdot \sin(\theta)$$

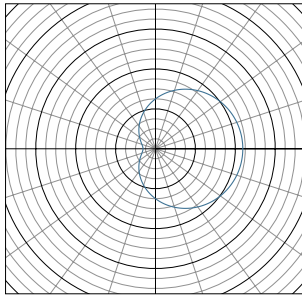


$$r = 1 - c \cdot \sin(\theta)$$

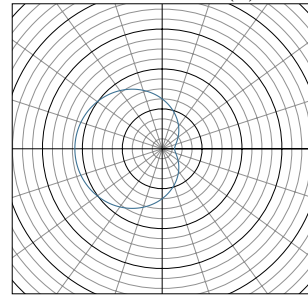


*limaçons*  
( $c < 1$ )

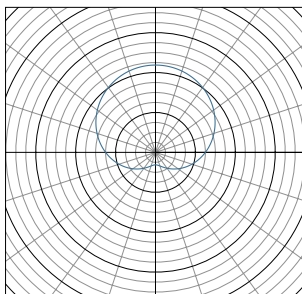
$$r = 1 + c \cdot \cos(\theta)$$



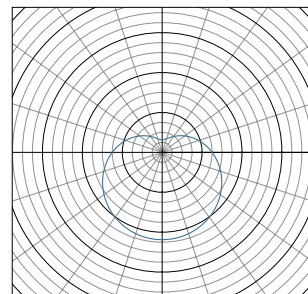
$$r = 1 - c \cdot \cos(\theta)$$



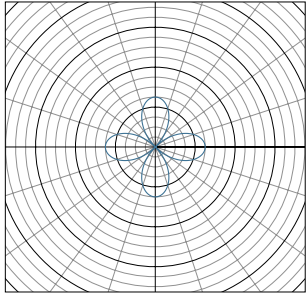
$$r = 1 + c \cdot \sin(\theta)$$



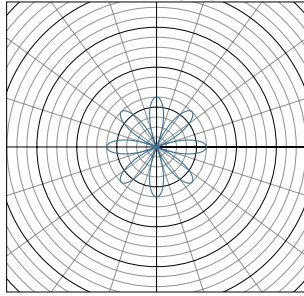
$$r = 1 - c \cdot \sin(\theta)$$



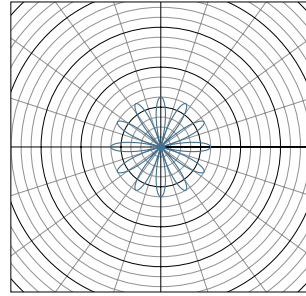
$$r = \cos(2\theta)$$



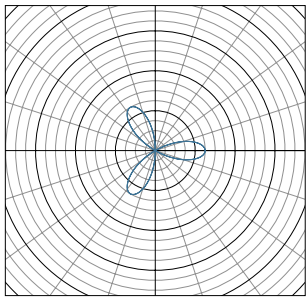
$$r = \cos(4\theta)$$



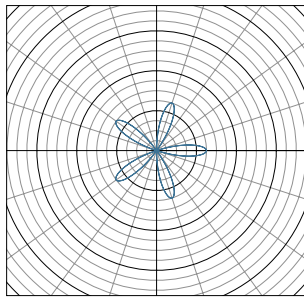
$$r = \cos(6\theta)$$



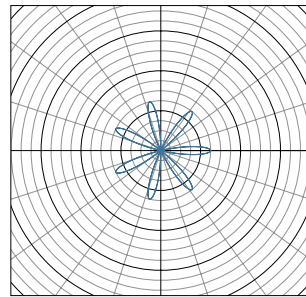
*petal curves*



$$r = \cos(3\theta)$$

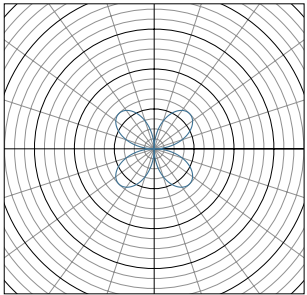


$$r = \cos(5\theta)$$

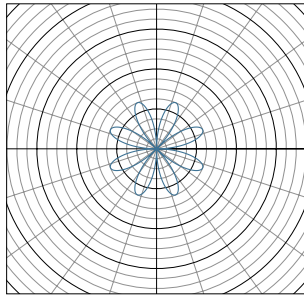


$$r = \cos(7\theta)$$

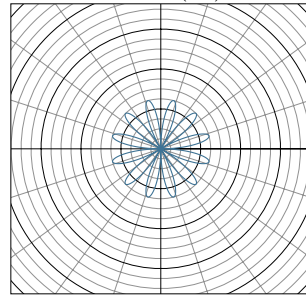
$$r = \sin(2\theta)$$



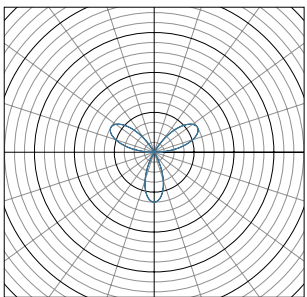
$$r = \sin(4\theta)$$



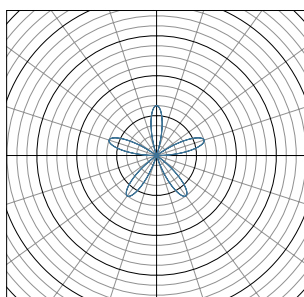
$$r = \sin(6\theta)$$



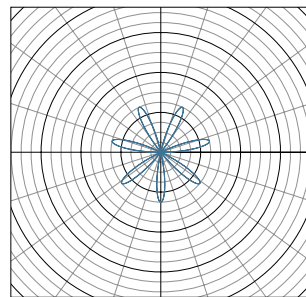
*petal curves*



$$r = \sin(3\theta)$$

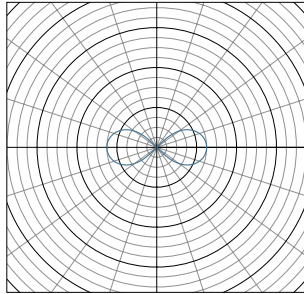


$$r = \sin(5\theta)$$

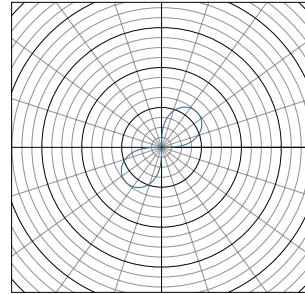


$$r = \sin(7\theta)$$

*lemniscates*



$$r^2 = \cos(2\theta)$$



$$r^2 = \sin(2\theta)$$