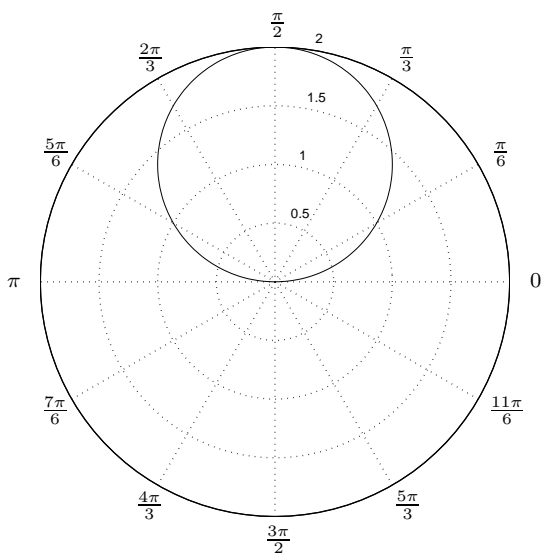
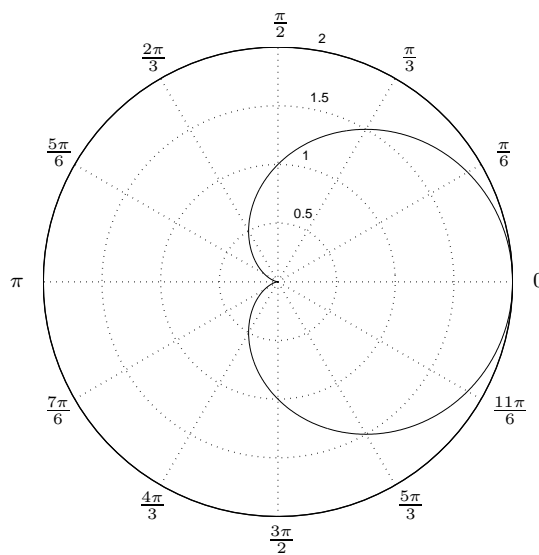


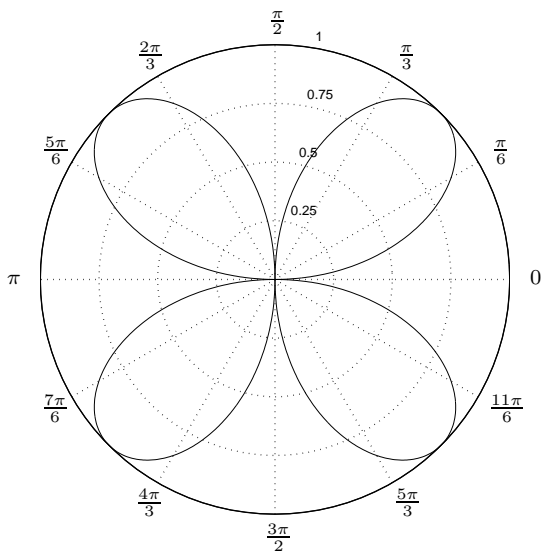
Polar Graphs



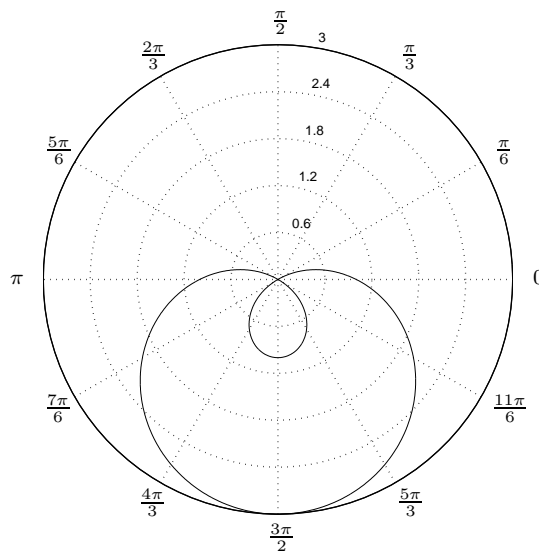
$r = 2 \sin \theta$ (Circle)



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



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



$r = 1 - 2 \sin \theta$ (Limaçon)