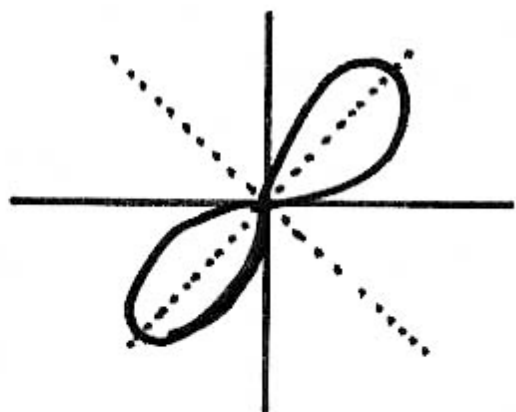
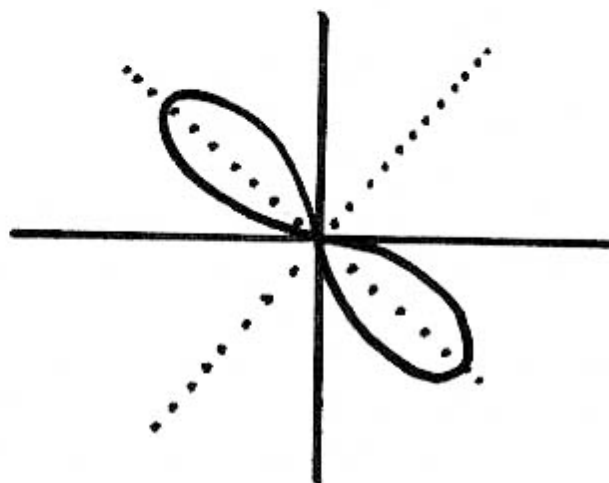


(Lemniscates)

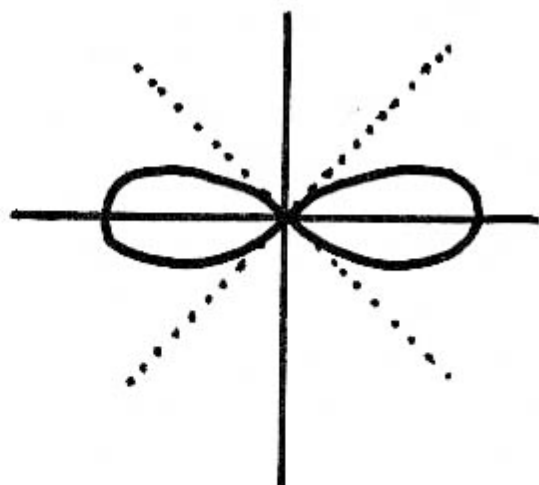
III.  $r^2 = a^2 \sin 2\theta$



$$r^2 = -a^2 \sin 2\theta$$



$$r^2 = a^2 \cos 2\theta$$



$$r^2 = -a^2 \cos 2\theta$$

