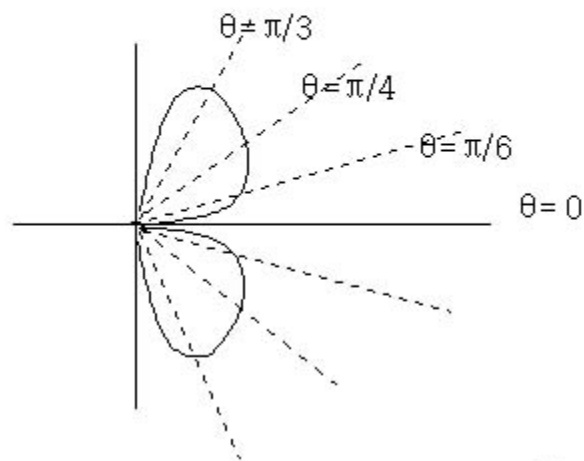


11.

$$r = 4 \sin^2 \theta \cos \theta$$



19.

