



# 50 44 GRAPH ra36in(30) 3-LENG AL
(3,150°)
3,(50
60
90°   -3
150° 3
[-3,90°)
ete
THIS GMAN COMPLETES ITS
PICTURE IN 180° (TI RADIANS)
[HWORK P. 558 -> 49,50,52,54,55,87]
MORE HONEWOCK BELOW!
LENGTH OF A POLAR CURVE (10.6)
1 = (8 [102./dr/2 10]
L= 50 \ r2+(dr)2 dB (p.564)  RADIAN MODE
RADIAU MOUS
$L = \int_{0}^{\pi} \sqrt{(3\sin(3\theta))^{2} + (9\cos(3\theta))^{2}} d\theta = [20.05]$
RADIAU MOUS