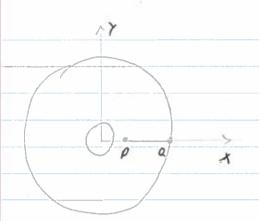
Ex 9-3 p285



At t=0, W; = 27.5 mls" , 0; = 0 ml

Or= -10.0 mls=2

6, Find Wy at ty = 0.300s St=tx-t; = 0.300s-1

WE = WI + Or SE

= (27.5 mls-1) + (10.0 mls-2)(0.700s)

Wr = 24.5 rad 5-1

First And DO ofter Atq = 0.300s

10= W. SE + 2 a SE2

= (24.5 mls) (0.300s) + 4 (-10.0 mls) (0.300s

DO = 7.80 ml = 7.80 ml (1 per) = 1.24 per

Total angle in legnes: Do = (360°) (1.74) = 446.4°

Argle From PQ at 1=0: 00: 446,40- >600

0 = 86.4°

