omega of two wheels for a particular servo angle – differential drive



Min radius = 40cm

Width = 16.5cm

Length = 20cm

W\_R / W\_L = (r + 8.25)/(r – 8.25)



R = 20/tan(theta) + 8.25



P =

0.0652 -5.2732 142.2905



Decimal value / degree =9.37

20 degree ==== 186