bradual Speed Leduction as Robot Approveles Wall. IF: Min torque = 0, Stopping distance = 20 mm, braking begins = 80 mm and we use right Dutput B = constrain (right Dutput B - y right Dutput B, 0, 255); then we need y to be a function of range, y (range), where y(20)=1, y (range 220)=1 and 0 < y (20 < range < 80) < 1 from $y = -\frac{1}{60} \times + ($ and y(20) = 1: $1 = -\frac{1}{3} + c$ So $c = \frac{4}{3}$ $y = -\frac{1}{60}x + \frac{4}{3}$

So $y = -\frac{1}{60} (range) + \frac{4}{3}$ for the above Conditions.