L96 Wheel Odometry Position

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16:56

$$V = \frac{\sqrt{2}}{2} \int_{R} + \frac{\sqrt{2}}{2} \int_{L} dL$$

$$POS = \int_{L} V dL \Rightarrow \int_{L} \frac{\sqrt{2}}{2} \int_{R} + \frac{\sqrt{2}}{2} \int_{L} dL$$

$$\int_{L} \frac{\sqrt{2}}{2} \int_{L} dL + \int_{L} \frac{\sqrt{2}}{2} \int_{L} dL \Rightarrow \int$$

 $POS = \frac{W_2}{2} \Delta q_R + \frac{W_2}{2} \Delta q_L$