<https://muddy-replace-32c.notion.site/Robotics-21-22-exam-GPT4-answer-c2f91ab40e4d410ea94ef73768b32e11>

Robotics 21-22 exam GPT4 answer

Thanks a lot. But for the last question, what I did was

Sin(theta)\*R = wx (1)

Cos(theta)\*R = R – wy (2)

(1)^2+(2)^2,

(sin2+cos2)R^2 = Wx2+Wy2+R2-2WyR

And sin2+cos2 = 1, so,

R = (wx2 + wy2)/2wy

Then Vr/Vl = (R+W/2)/(R-W/2) = …

This seems easier