Torque Left must equal torque right for unit NOT to work, hence:

Tl=-[r1cos(e+180)-r2cos 0] m = Tr =[r1cose+r2cos 0] m

[r1cose-r1-r2] m   =   [r1cose +r2] m
r1cose -r1 -r2   = r1cose + r2
-r1 -r2   =   r2
= FALSE, thus device will work !