Maintaining Moving in I axis borrotation while leeping the offer constat: covered words: (5,5) length at any given point, given known Os 0 = A (5,5) target coolds: (3,5) last leagth (iffy) 1 coordinates: (-7,0) to find: de target leigth of arm at any given prize instant bet between the start wordinate and end wordinate, given the agretionorigin, initial laught oftening initial length of the um, and the larget given the initial angle from oviging taget angle from origin, correctory) efrom origin, initial length of them, taget length of them, To keep in maind: length = VX2+y2 PIDcolillops, fiting crossove the low scottlemore, making it work to both coords at once. finding of from correct length & angle from origin: y = length - sin (Oconet) Relative Control: assuming the operator corrects mistakes: this oscines
assuming that the bot's operator our seathering where corrections, Robotarm only moves ulujogsticks are out of developmes: Determine rate of movement (atcecks) by m Stiply speed = length of robotarm . joystick analog reading outside of Acadsone · constant that makes the rate - len

Speed - length · (joystick

(-x, 0)