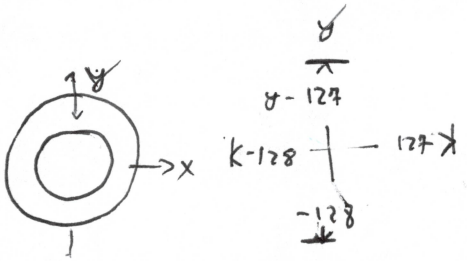


~~set turntable based on joystick x, and with a move turntable to rotate~~

Turntable rotates towards the angle from origin created by the joystick x, y

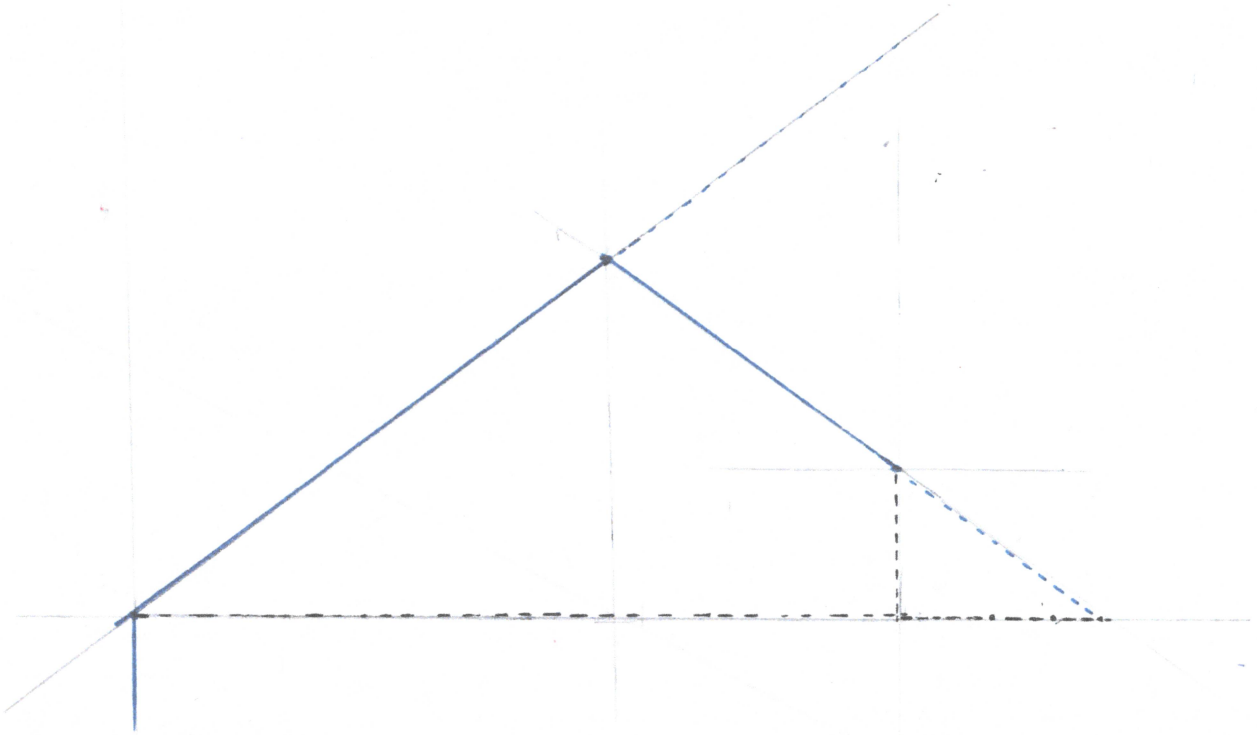
Possible PID loop control if it's helpful - see about VEX Robotc's built-in PID control, & also

https://www.vexforum.com/index.php/6465-a-pid-controller-in-robotc/0

where the master is the joystick (unless the joystick is hovering around x=0, y=0, then it should stop).

also, for multi~~-~~tasking:

https://www.vexforum.com/index.php/6146-robotc-programming-tips/p2#p53786

when u encounter the error

Making the Math Work (Arm Length)