

Tele-Op section only for X + Y axes for use with Properly set left and right hand Mecanum  
Wheels on a Tetrix based FTC used Robot, written in RobotC.

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```
if((abs(joystick.joy1_x1) > thresholdX))
{
    if((joystick.joy1_x1 < 0 && (abs(joystick.joy1_x1) > thresholdX))
    {
        (joystick.joy1_x1 = joystick.joy1_x2);
        Left
        motor[FL] = (joystick.joy1_x1)/3;
        motor[FR] = (joystick.joy1_x1/-3);
        motor[BL] = (joystick.joy1_x1/-3);
        motor[BR] = (joystick.joy1_x1)/3;
    motor[FL] = 40;
        motor[FR] = -40;
        motor[BL] = -40;
        motor[BR] = 40;
    }
    if((joystick.joy1_x1) > 0 && (abs(joystick.joy1_x1) > thresholdX))
    {
        (joystick.joy1_x1 = joystick.joy1_x2);
        Right
        motor[FL] = (joystick.joy1_x1*-1)/3;
        motor[FR] = (joystick.joy1_x1)/3;
        motor[BL] = (joystick.joy1_x1)/3;
        motor[BR] = (joystick.joy1_x1*-1)/3;
        motor[FL] = -40;
        motor[FR] = 40;
        motor[BL] = 40;
        motor[BR] = -40;
    }
}
```