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In the current VEX V5 “Spin Up” season, I’ve noticed one of the most obvious math related things, which is the trajectory of the discs on the playing. Depending on the mechanisms that throw the disks into the baskets, the movement of the disk changes, but in almost all cases this is a parabola.

The robot of my team has a catapult, which makes the trajectory of parabola be obvious. To capture this, I took a photo on the Xiaomi 9T, which has a “Clone” function that allows you to take several shots at once.

