

Test ID	1	Test Date	2014-05-14
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Test Purpose

Test of shoulder pitch to know what pitches will give for different results in height from one meter away from the target.

Methodology

The hand "Rhand" should be on 0.6 to hold the gun
The hand should be on 0 to fire the gun
The test begins at 1.4 pitch.

Observed Results
1.4 = 20 cm 1.3 = 25 cm 1.2 = 30 cm 1.1 = 35 cm 1.0 = 40 cm 0.9 = 50 cm 0.8 = 60 cm 0.7 = 70 cm 0.6 = 80 cm 0.5 = 90 cm 0.4 = 100 cm 0.3 = 125 cm

Conclusion
This is what we could use if we wanted to hardcode the autoaim.
Verdict: Try to find a nice algorithm to make the robot auto aim

Any appendices can be attached on the next pages.