

Videos To Watch 2/22/2022

Robot Odometry Calibration Video

9,586 views Jun 2, 2013 6:57

<https://www.youtube.com/watch?v=qsdiIzncgqo>



Why Punching a Robot Is a Bad Idea (Go for the Sensors Instead) !

<https://www.theatlantic.com/video/index/257060/why-punching-a-robot-is-a-bad-idea-go-for-the-sensors-instead/>

This will appeal to you if you are concerned with the ROBOT UPRISING!



Video Aliasing Why car wheels rotate backwards in movies 4:25

<https://www.youtube.com/watch?v=SFbINinFsxk&feature=youtu.be>

Prelude to Kalman Filter: Combining Uncertain Measurements

444 views • Premiered Dec 24, 2019 4:45

<https://www.youtube.com/watch?v=-zOmHUENLJE>

Aaron Becker UH Robotics



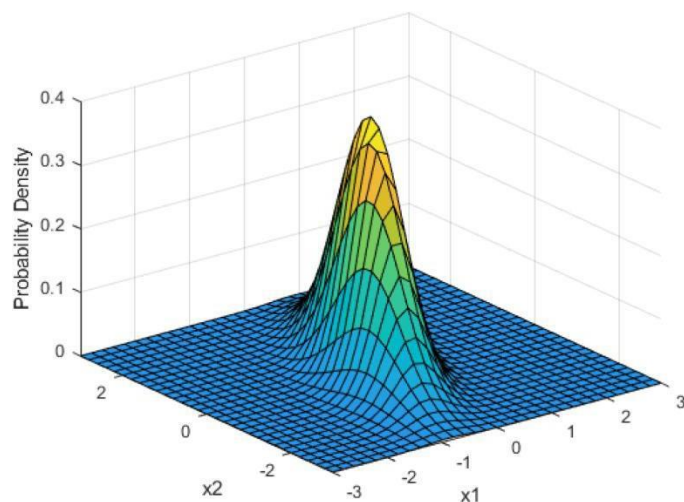
A POSSIBLE CONTACT FOR THOSE WHO WANT TO GO ON FOR ADVANCED DEGREES IN ROBOTICS. AARON HAS A NUMBER OF VIDEOS THAT ARE INTERESTING AND WELL DONE.

<https://www.youtube.com/user/aabecker5>

Multivariate Gaussians distributions

173,941 views • Nov 19, 2012 14:48

<https://www.youtube.com/watch?v=eho8xH3E6mE>



A bit beyond our scope:

**DO YOU REALLY WANT TO KNOW ABOUT
ODOMETRY ERROR AND PROPAGATION?**

[NikolausCorrell](#) 673 subscribers

The error propagation law explained in one and multiple dimensions using odometry as the running example. Matlab code is available on github.

<https://github.com/correll/Introducti...>

https://www.youtube.com/watch?v=ubg_AAM7Zd8

29:20

<https://github.com/Introduction-to-Autonomous-Robots/Introduction-to-Autonomous-Robots/tree/master/matlab>