

DPRG RBNV Chat Record – April 11, 2023

Doug P.

7:45 PM

Mike talked about servo and Mecanum wheel issues with his new robot. He is also working on increasing his robot speed.

Doug P.

7:49 PM

David A. asked how to handle an Ackerman steering vehicle when it has a set of tandem rear wheels.

7:50 PM

Doug P.

Paul B. gave David information on how to handle tandem rear wheels on an Ackerman steering vehicle.

Doug P.

7:53 PM

David discussed the issues he is having with encoders on his balancing robot.

Doug P.

8:06 PM

Paul discussed a new Amazon product called sidewalk. It is a network that uses LoRa, Bluetooth, etc. that acts as a bridge to IoT devices. Amazon website describes Sidewalk as "Amazon Sidewalk is a shared network that helps devices like Amazon Echo devices, Ring Security Cams, outdoor lights, motion sensors, and Tile trackers work better at home and beyond the front door. When enabled, Sidewalk can unlock unique benefits for your device, support other Sidewalk devices in your community, and even locate pets or lost items."

Doug P.

8:11 PM

Not an appliance but a network

David Anderson

8:31 PM

Multi-stage inverted pendulum: <https://www.youtube.com/watch?v=I5GvwWKkBmg>

Doug P.

8:36 PM

Ray showed the status of his air-blaster robot for 6 cans.

ed mart

8:50 PM

PAT , 4G or 5G?

Pat Caron

8:50 PM

<https://ideasing.com/product/trip-mate-titan-travel-router>

ed mart

8:50 PM

Ok

Doug P.

9:06 PM

Ray showed some of a presentation he made at a DPRG meeting about LoRa.

Doug P.

9:29 PM

John showed an Arduino self-balancing robot link <https://maker.pro/arduino/projects/build-arduino-self-balancing-robot>

Doug P.

9:43 PM

Additional discussion about balancing robots

Pat Caron

9:58 PM

Great topics tonight! See you next week.