

Extended Kalman Filter

Compiling

Once the install for uWebSocketIO is complete, the main program can be built and run by doing the following from the project top directory.

1. `mkdir build`
2. `cd build`
3. `cmake ..`
4. `make`
5. `./UnsentedKF`

Accuracy

There are results screens which show that RMSE values are below thresholds [.09, .10, 0.40, 0.30].

Follows the correct algorithm

I completed todos in such files:

- `tools.cpp`
- `ukf.cpp`

Tips & Tricks

I avoided division by zero during coordinates transition.

Results

