

## Project Unscented Kalman Filter

This project is the extension of the extended Kalman Filter.

### Results

RSME values of Unscented Kalman Filter as compared to the Extended Kalman Filter

State	Unscented Kalman Filter	Extended Kalman Filter
X	0.0740	0.097
Y	0.085	0.085
VX	0.310	0.450
VY	0.242	0.043