



My Programs ► Unscented Kalman Filter Highway Project ► Submit Project

Project: Unscented Kalman Filter Highway Project

Submission Results



Feedback Details

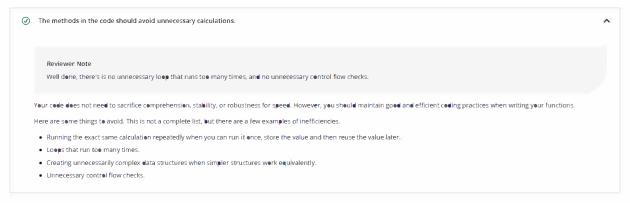
Specification Review Code Review

Reviewer Note Hi, This is a very good submission. Well done. Please keep up the good work. • I'd like to invite you to look at this link to this documents on UKF. I personally use it a lot in order to better understand these filters. https://www.seas.harvard.edu/courses/cs281/papers/unscented.pdf

Compiling and Testing

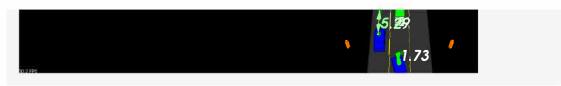


Code Efficiency



Accuracy





The simulation collects the position and velocity values that your algorithm outputs and they are compare to the ground truth data. Your px, py, vx, and vy RMSE should be less than or equal to the values [0.30, 0.16, 0.95, 0.70] after the simulator has ran for longer than 1 second. The simulator will also display if RMSE values surpass the threshold.

Follows the Correct Algorithm

Ø	Your Sensor Fusion algorithm follows the general processing flow as taught in the preceding lessons.	^
	Reviewer Note Well done, all the steps required to implement a Kalman Filter has been well defined and correctly implemented	
	While you may be creative with your implementation, there is a well-defined set of steps that must take place in order to successfully build a Kalman Filter. As such, your project should follow transport algorithm as described in the preceding lesson.	the