

“INTUITIVE UNDERSTANDING OF KALMAN FILTERING WITH MATLAB”

INDEX OF “MATLAB” CODES AND C-FILES

MATLAB CODE #	SCRIPT or FUNCTION (NAME)
01.01	- script -
01.02	- script -
02.01	- script -
02.02	msh2dg
02.03	- script -
07.01	demprod2g
07.02	calcgauss
08.01	onedkf
09.01	gizmosim
09.02	gizmoloop
09.03	onedkfk0
10.01	paperloop
10.02	papersim
10.03	- script -
10.04	- script -
11.01	att2sim
11.02	att2loop
11.03	readRecordingFile
12.01	graphimures
data129.txt	Pre-recorded IMU data
C-FILES	(Chapter 12)
RTATT2IMU.c	“Main C file”
RTATT2IMU.h	Header file
IVALS.txt	Initial values file (sample)
RTATT2IMUOUT.txt	Output file (sample)