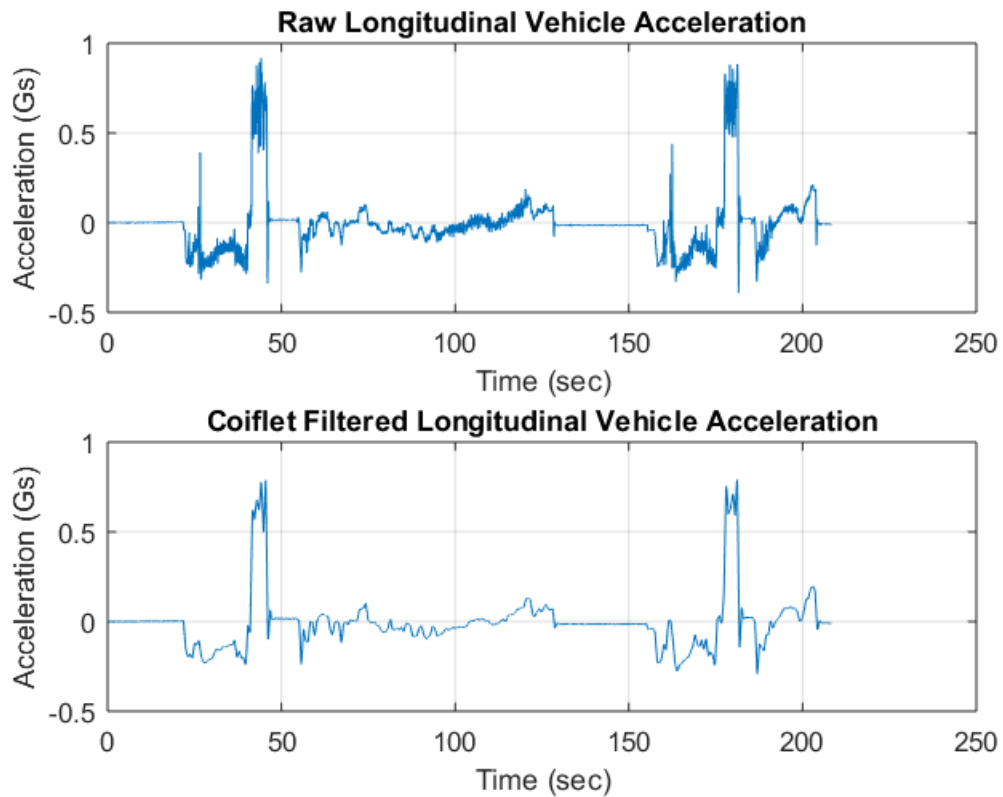


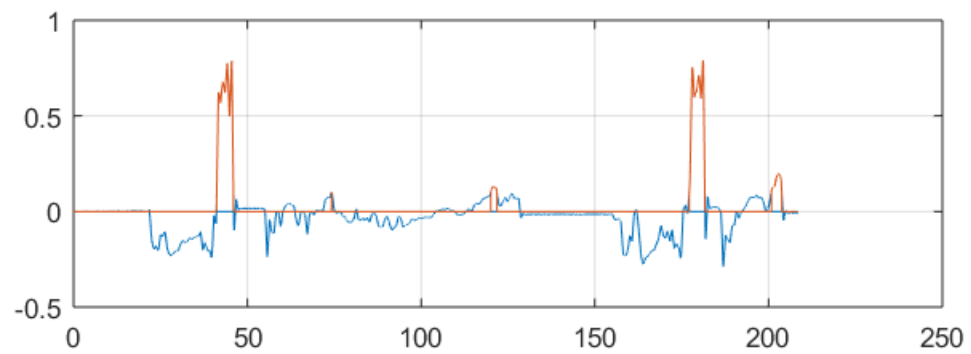
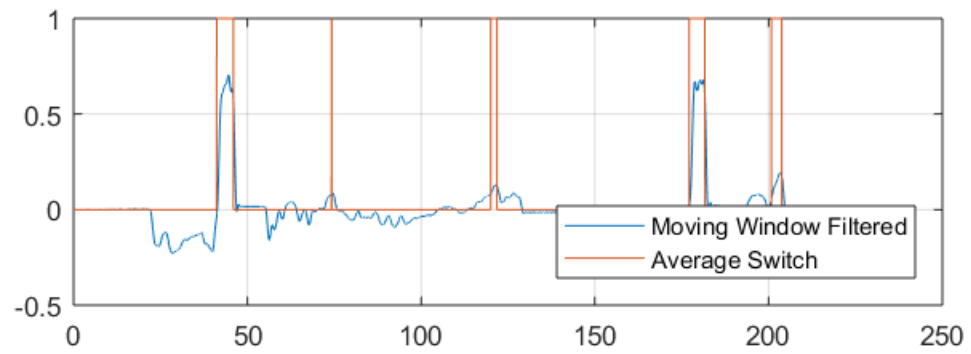
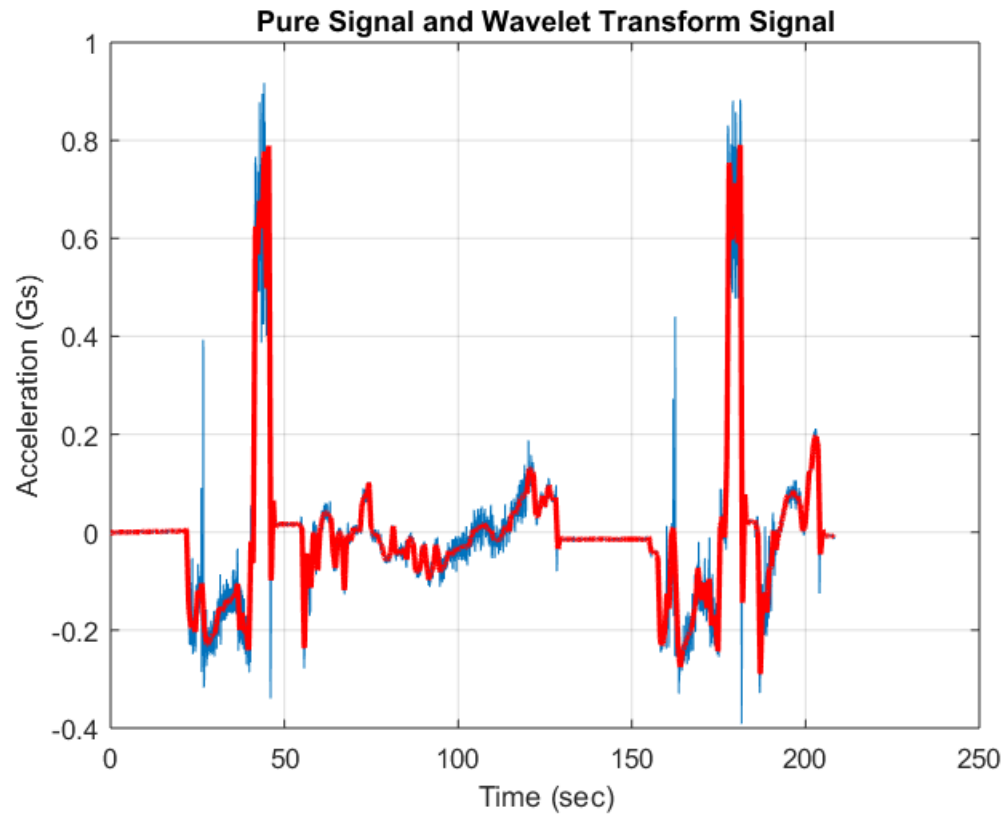
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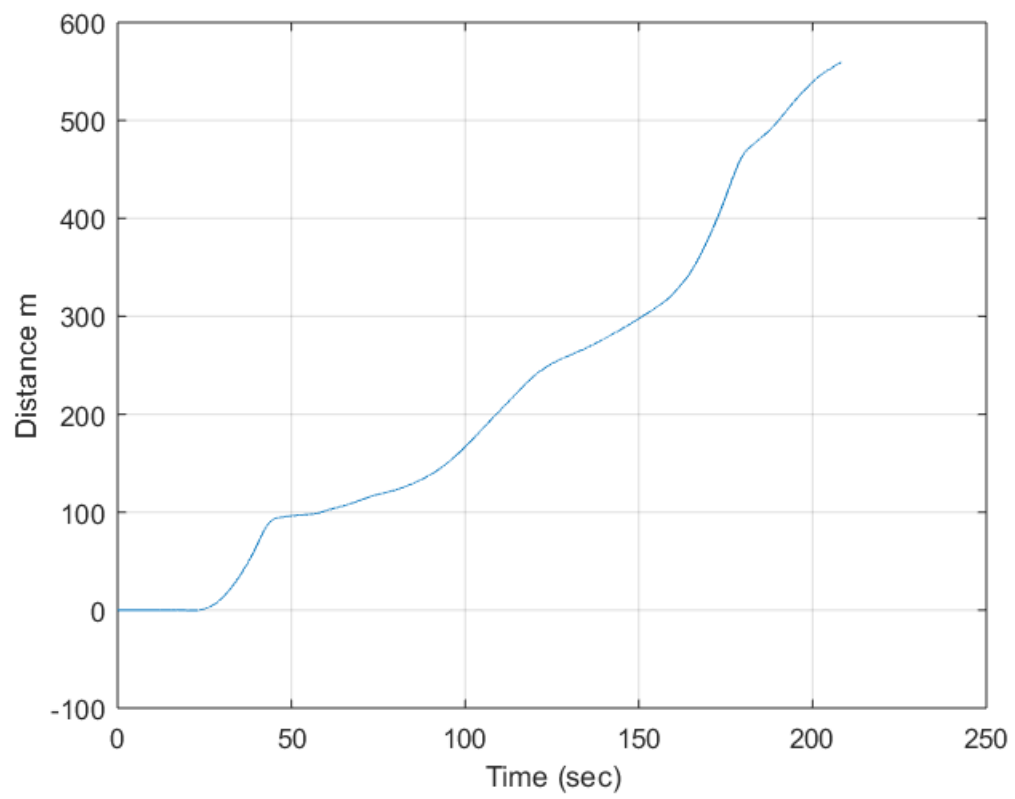
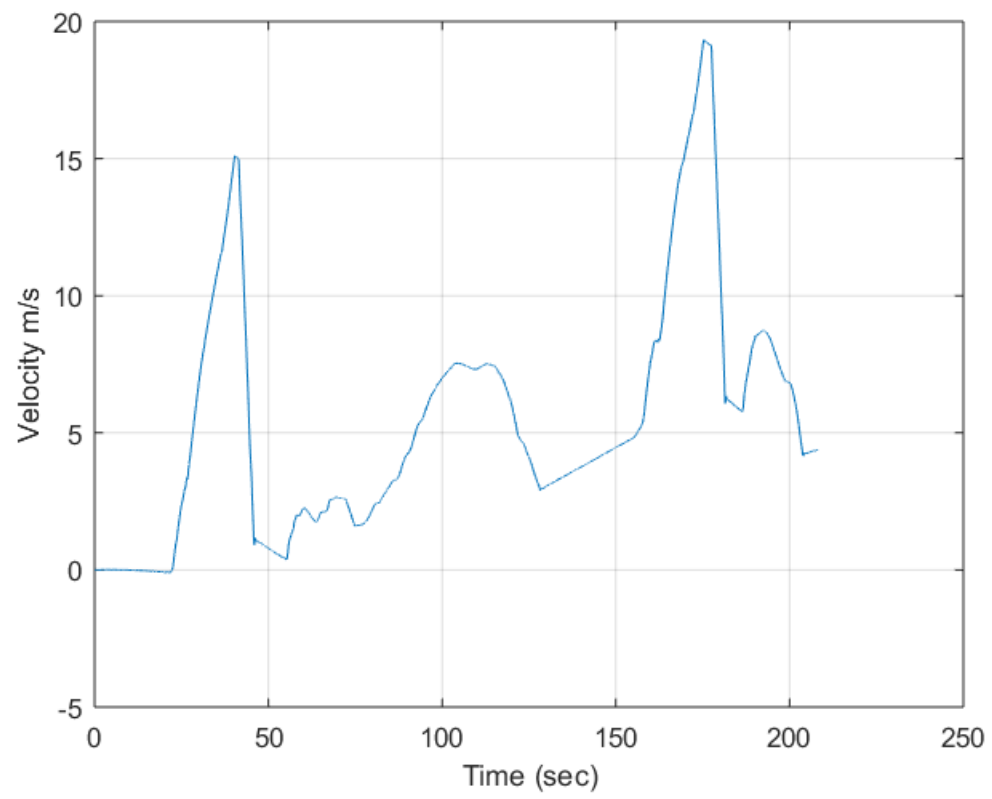
```

clc; clear all; close all
Thrs = 0.1; WdwSize = 100;
% -----
% Split Gravel Testing SGA et SGT
load('ApproxCoif2L6CompleteSignal.mat');
load('SGT.mat'); load('SGA.mat')
a = SpliGravelAccel;
t = SplitGravelTime; sig = DecomCoif2L6Complete;
CoifPlotter(t,sig);
FilterSwitch(Thrs,WdwSize,sig,t)
[v,d,n] = DiscInteg(t,a*9.81);
figure; plot(t,v); grid on;
xlabel('Time (sec)'); ylabel('Velocity m/s');
figure; plot(t,d); grid on;
xlabel('Time (sec)'); ylabel('Distance m')
% -----

```







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