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ECE 438

1/10/19

Homework 1

Problem 1:

```
us06 = xlsread('us06.xlsx');
plot(us06(:,1), us06(:,2));
title('US06 Drive Cycle');
xlabel('Time (s)');
ylabel('Speed (MPH)');
```
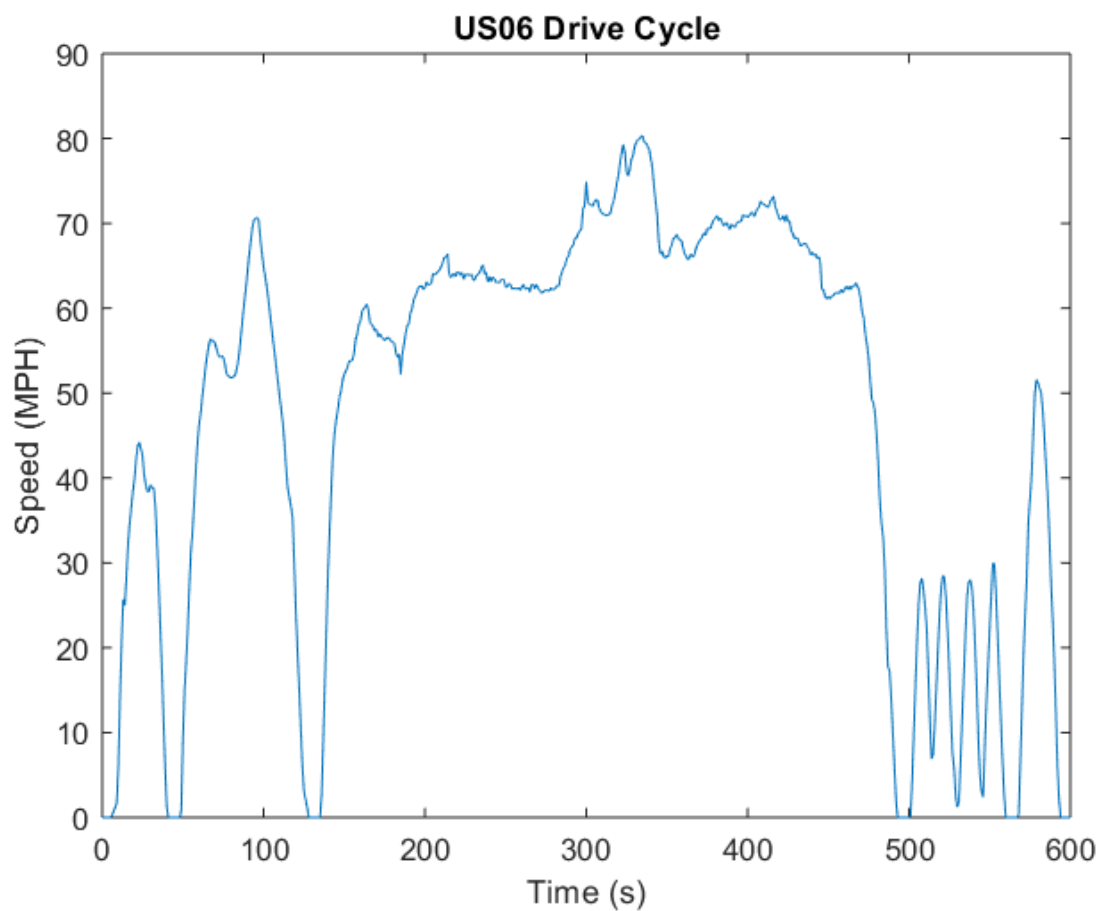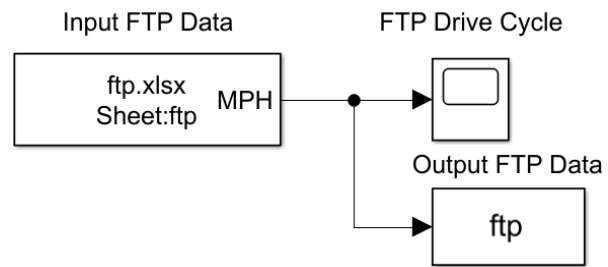

Figure 1: US06 Drive Cycle

Input FTP Data

FTP Drive Cycle

ftp.xlsx
Sheet:ftp

MPH

Output FTP Data

ftp

Figure 2: Simulink Block Diagram

```
plot(ftp);
title('FTP Drive Cycle');
xlabel('Time (s)');
ylabel('Speed (MPH)');
```
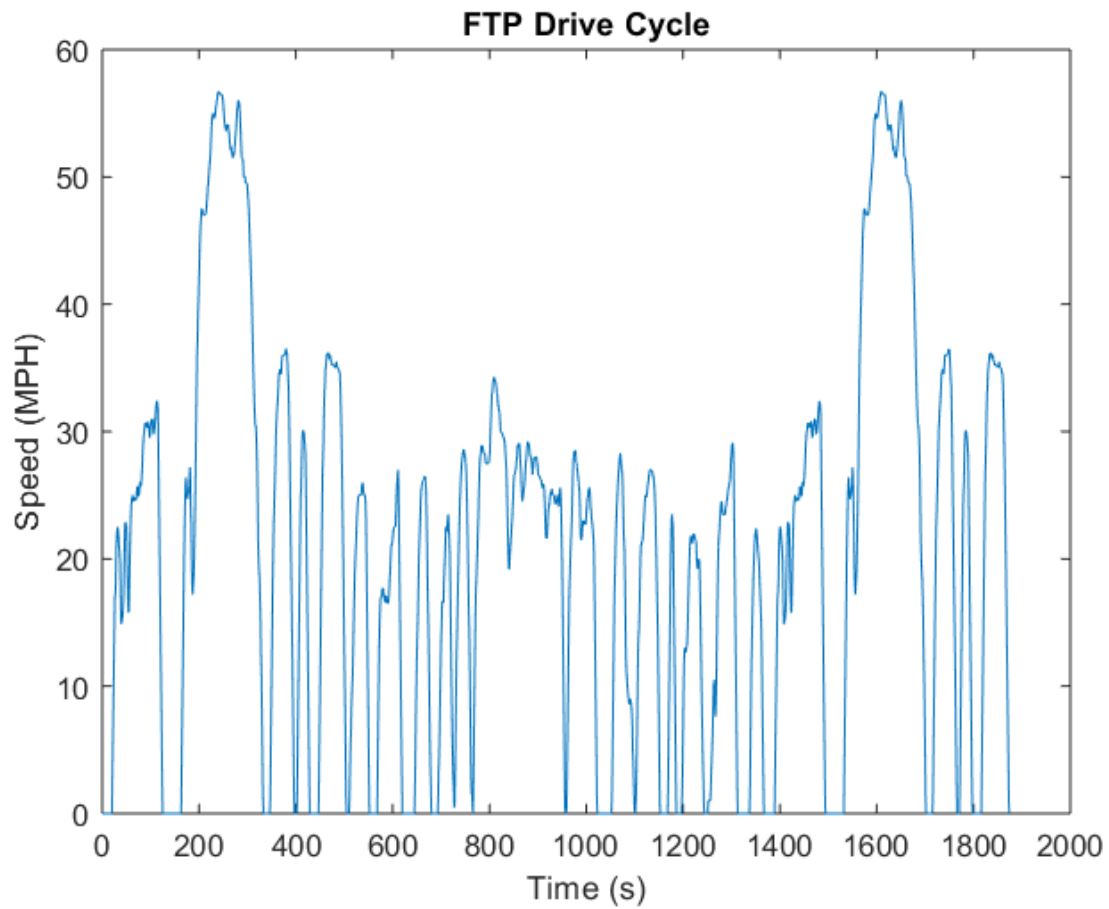
FTP Drive Cycle

Figure 3: FTP Drive Cycle