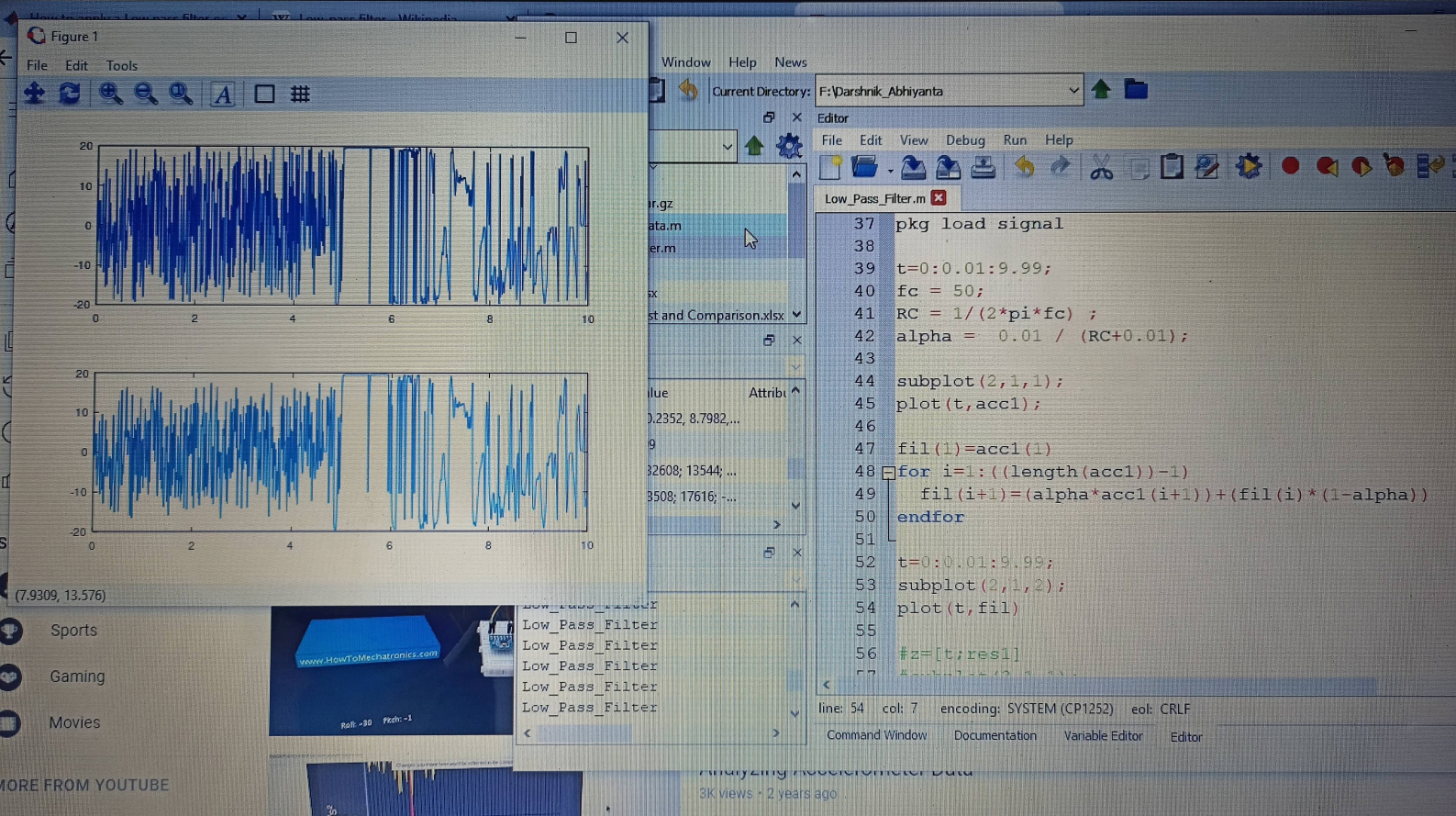


evenly spaced points in time separated by Δ_T time. Let the samples of V_m be y_1, y_2, \dots, y_n which correspond to the same points in time. Making these

s of the sampling period Δ_T and α :



How to apply a Low pass filter on x Low-pass filter - Wikipedia x MPU-6000-Datasheet1.pdf x accelerometer 16bit data into m/ x +

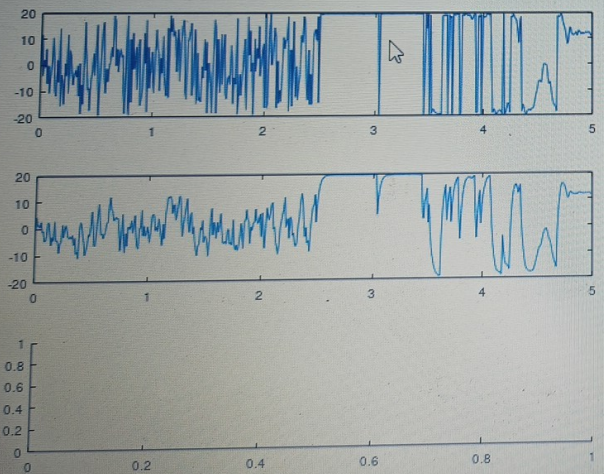
youtube.com/results?search_query=accelerometer+16bit+data+into+m%2Fs2

YouTube

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Figure 1

File Edit Tools



Octave

File Edit Debug Window Help News

Current Directory: F:\Darshnik_Abhiyanta

File Browser

F:\Darshnik_Abhiyanta

Editor

File Edit View Debug Run Help

```
Part = 39.2/65535;

for i=1:(length(res1))
    if res1(i)<0
        accl(i)=-19.8+(-res1(i)*0.0006);
    endif
    if res1(i)>0
        accl(i)=19.8-(res1(i)*0.0006);
    endif
endfor

pkg load signal

t=0:0.01:4.99;
fc = 10;
RC = 1/(2*pi*fc) ;
alpha = 0.01 / (RC+0.01);

subplot(3,1,1);
plot(t, res1, 'b');
```

col: 10 encoding: SYSTEM (CP1252) eol: CRLF

Window Documentation Variable Editor Editor

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Tutorial

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