MATLAB programming course for beginners, supported by Wagatsuma Lab@Kyutech

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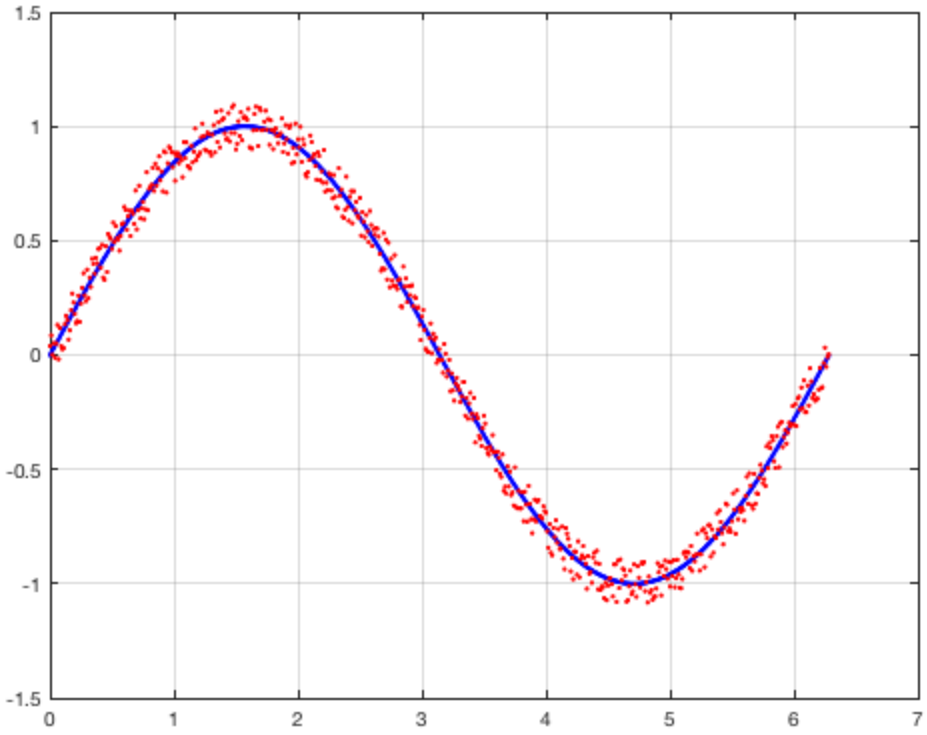
Specifications and requirements

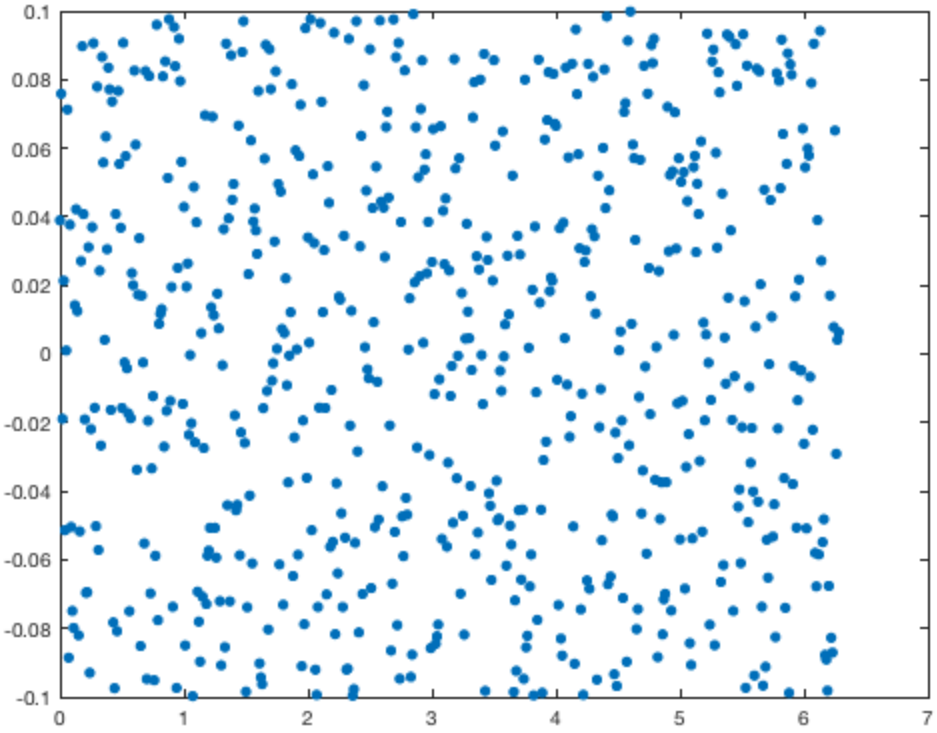
1. @Time : 2020-4-20
2. @Author : Hiroaki Wagatsuma
3. @Site : https://github.com/hirowgit/1_matlab_basic_course
4. @IDE : MATLAB R2018a
5. @File : lec1_step63.m

Main program

```
dt=0.01; noise_level=0.1;
t=0:dt:2*pi;
data=noise_level.*(rand(1,length(t)).*2-1);

figure(1); clf;
```

```
plot(t,sin(t),'b.-'), hold on;

% figure(2); clf;
plot(t,data+sin(t),'r.');
grid on;

figure(3); clf;
plot(t,data,'.','MarkerSize',15);
```





Supplementary information to publish

If you want to make a pdf or html file on the code, you can use the code "x_publish_each_codes.m" in the same folder. Please change the file name as " this_file_tag='lec*_step*' " (* will be replaced to the number of the target file).

The code "x_publish_all_codes.m" works for such a publication applying to all codes in the same folder (Note: "x_publish_all_codes_sub.m" should be located in the same folder).

Published with MATLAB® R2018a