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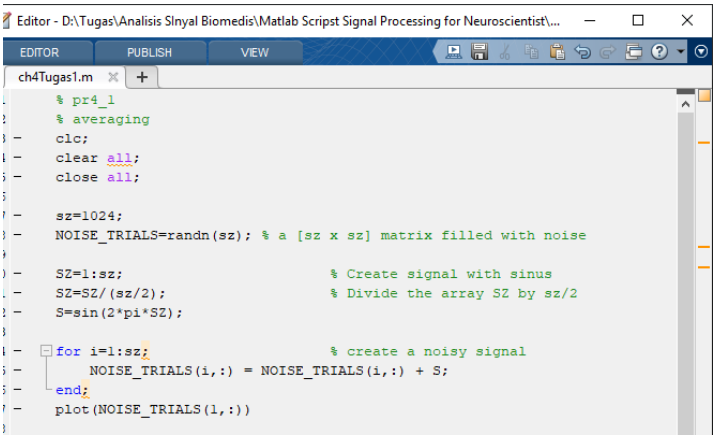
TUGAS ANALISIS SINYAL BIOMEDIS

Source : Signal Processing for Neuroscientist 2nd (chapter 4)

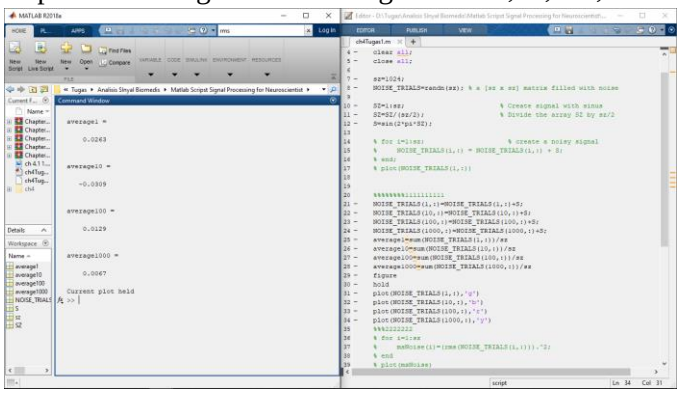
Answer:

1. Modify program with n = 1,2,3,…,1024 repetitions



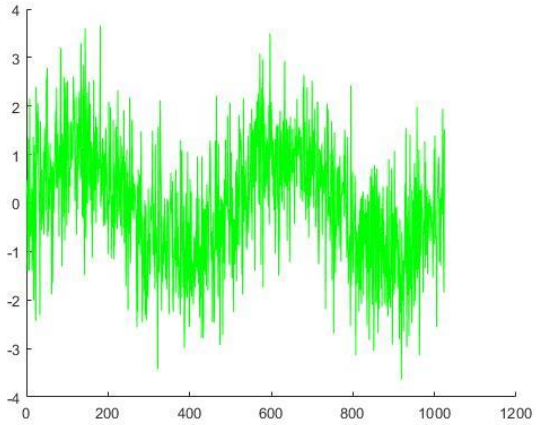
Plot result :

a. Depict the average and +- average for n =1,10,100,1000

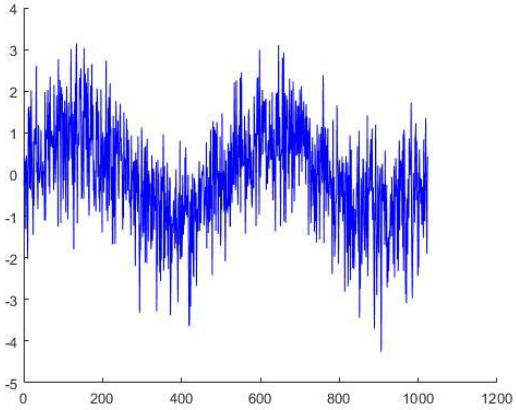


Plot

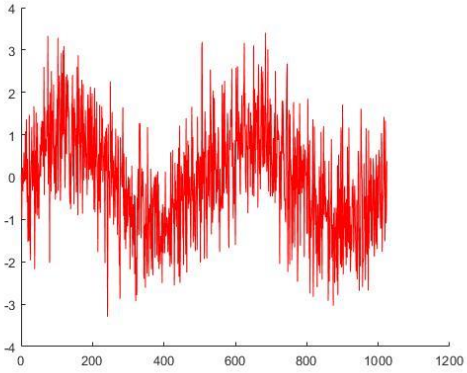
1. n=1



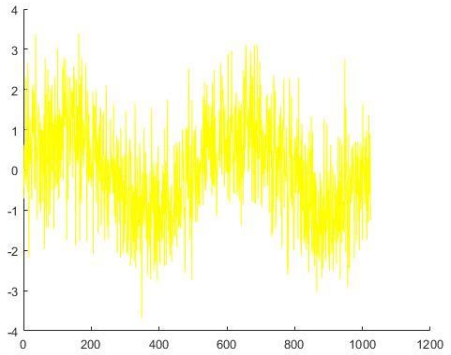
2. n=10



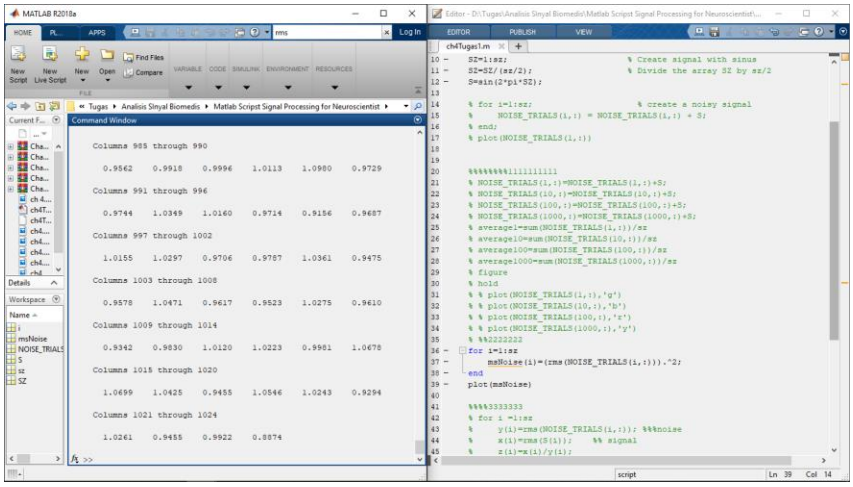
3. n=100



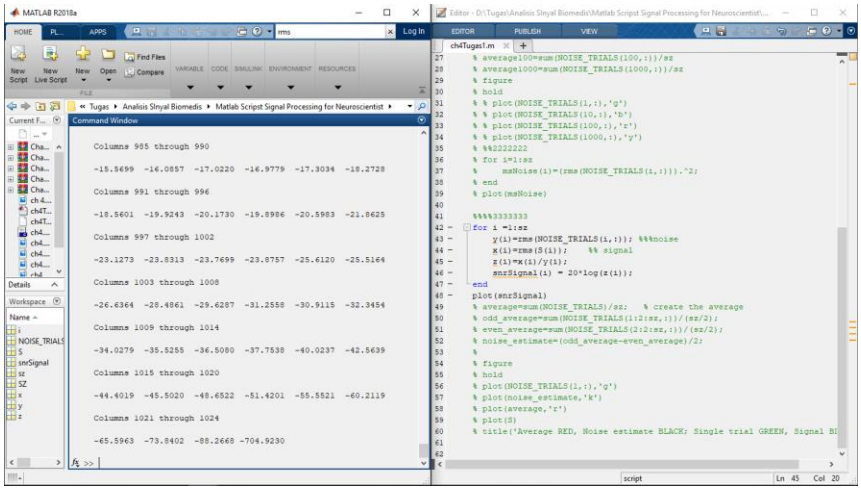
4. n=1000



b. Calculate the ms of noise each n

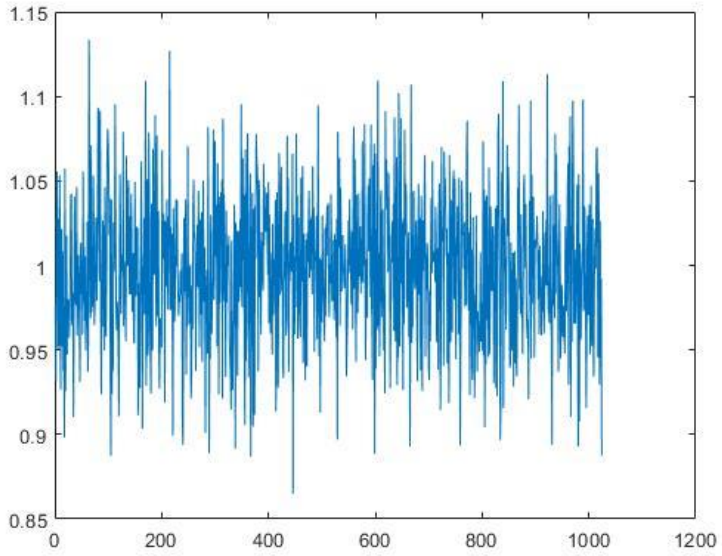


c. Calculate SNR for each n

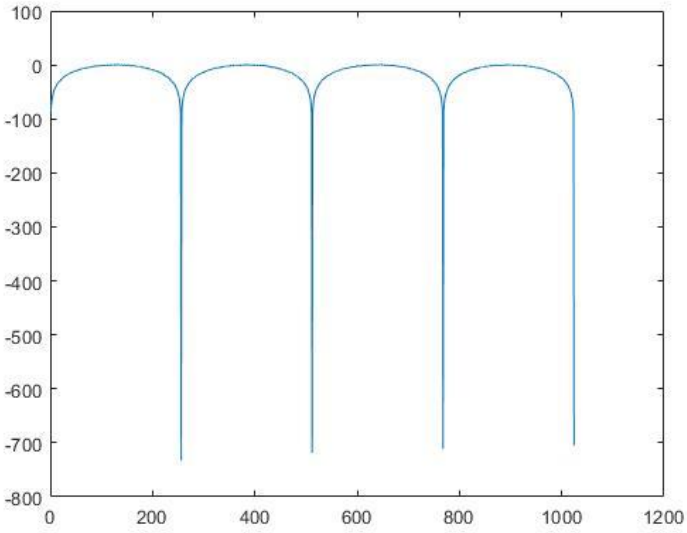


d. Plot (b) and (c) against n

1. Plot b



2. Plot c



e. Relate finding Eq 4.13
f. Comment on the noise reduction