**EQUATION OF WHITE NOISE**

1. If we read this two web pages we would be able to find:

Web Page (1)

<http://www.gaussianwaves.com/2013/11/simulation-and-analysis-of-white-noise-in-matlab/>

Web Page-blog (2)

<http://au.mathworks.com/matlabcentral/newsreader/view_thread/28239>

Sigma=Standar deviation

Randn= ’’Random numbers that follow a Gaussian distribution’’ in an array of 1 Row and T columns.

T=Number of rounds

Mu= mean

1. Making the comparison in matlab, I develop a short code to find an average value of Sigma and Mu for White noise with 51 Decibels

**Sigma fluctuates among 308 and 412**

**Mu fluctuates among ±55**

**1 OPTION**

0

360

**2 OPTION**

Random number between +55 and -55

Random number between 308 and 412