

Lab Nr. 6, Probability and Statistics

PDF and CDF of Continuous Distributions;

Random Number Generators; RND

For the normal and the exponential distributions, do the following: Given the distribution parameters, use the " 3σ rule" to create the pdf and the cdf. Then choose a sample of N random numbers, following that distribution and find the pdf and the cdf of that sample. Use *subplot* to compare graphically the two pdf's and the two cdf's (distribution pdf and sample pdf on one graph, distribution cdf and sample cdf on another).