Kyle Antczak

Prob and Stats Equation Sheet

Mean:

Variance:

Standard Deviation:

DeMorgan’s Law:

Permutation:

Combination:

Conditional Probability:

Additive Law of Probability:

Bayes Rule:

Binomial Distribution:

Geometric Distribution:

Hyper Geometric Distribution:

Poisson Distribution:

Tchebysheff Thm:

Probability Density function:

Project 2 update:

Density Function for uniform distribution:

Marginal Probability function:

Marginal Density function:

Independent Random Variables: