



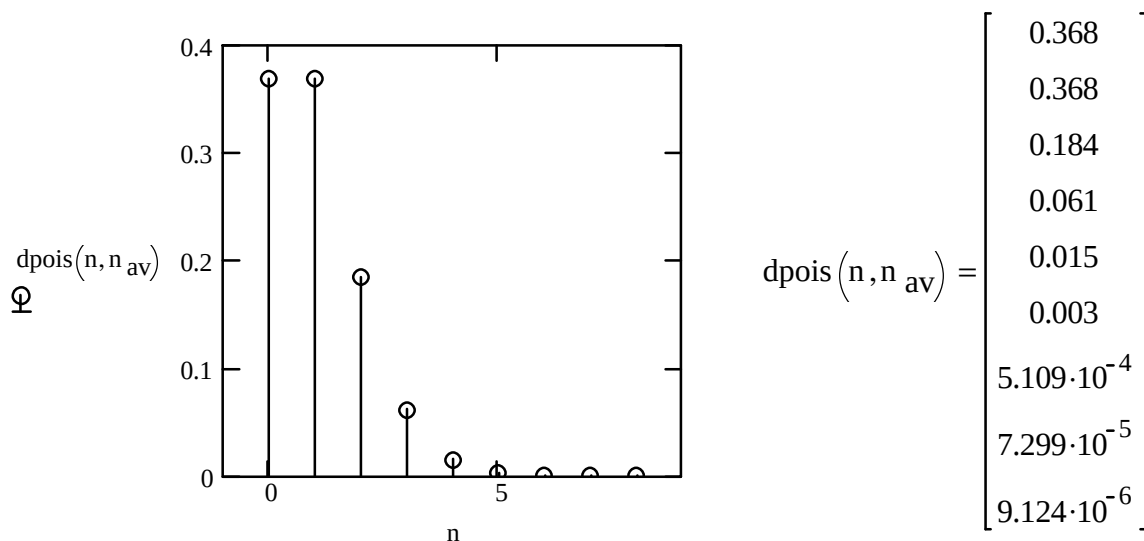
Poisson Distribution

Physics 258 - DS Hamilton 2004

This worksheet displays several histograms for the Poisson distribution. Begin with defining a range variable n , which will be the number of counts in a particular time interval. The parameter n_{av} is the average number of counts in that time interval, and $dpois(n, n_{av})$ is the probability that n counts were actually measured.

$n := 0..8$

$n_{av} := 1$



$n_{av} := 4$ As n_{av} gets larger, the probability function gets more Gaussian.

