

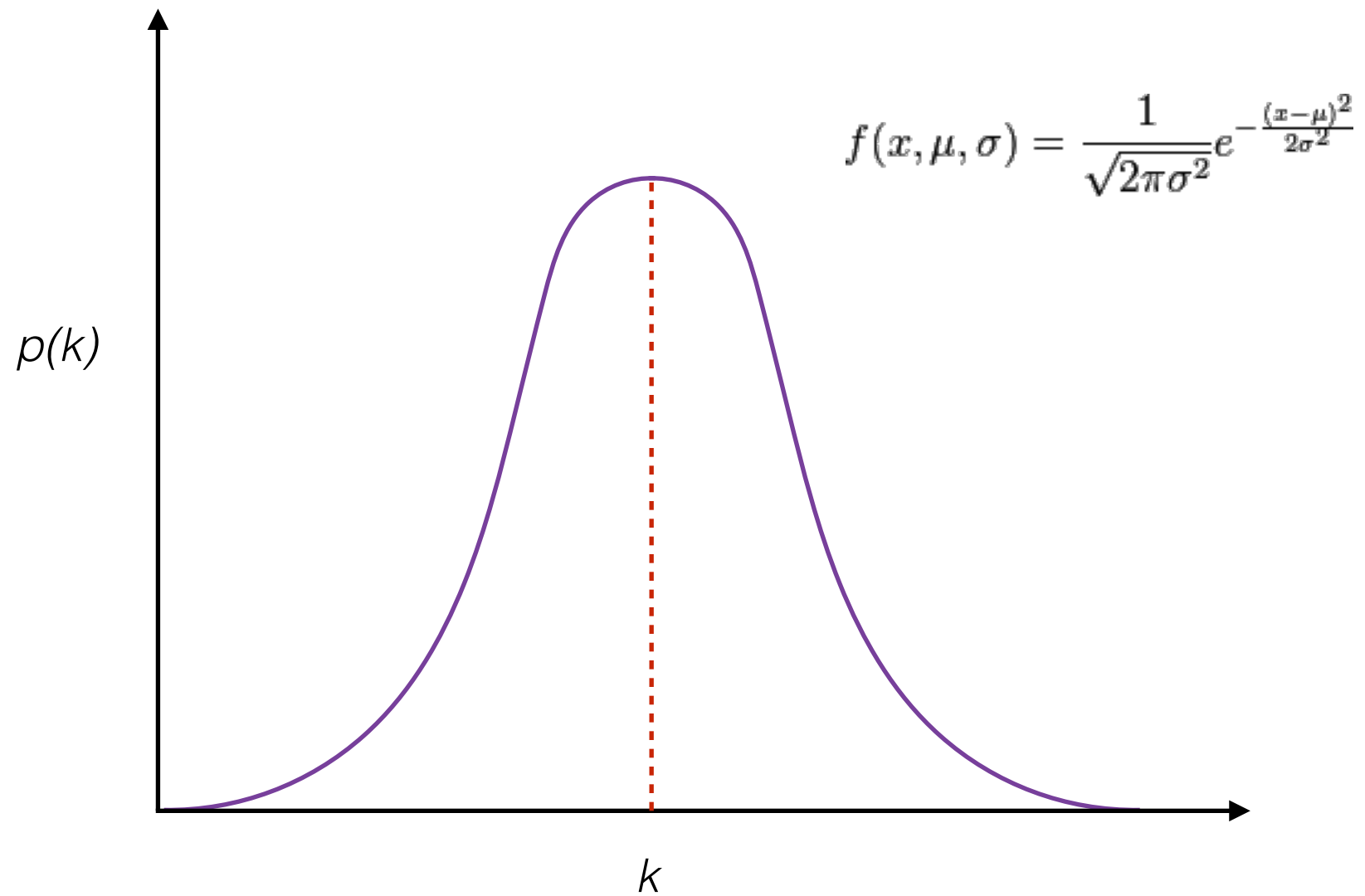
A complex network diagram with numerous nodes and edges, rendered in shades of purple, green, and white against a dark gray background. The nodes are represented by small squares, and the edges are thin lines connecting them, forming a dense, interconnected web.

Lecture 16

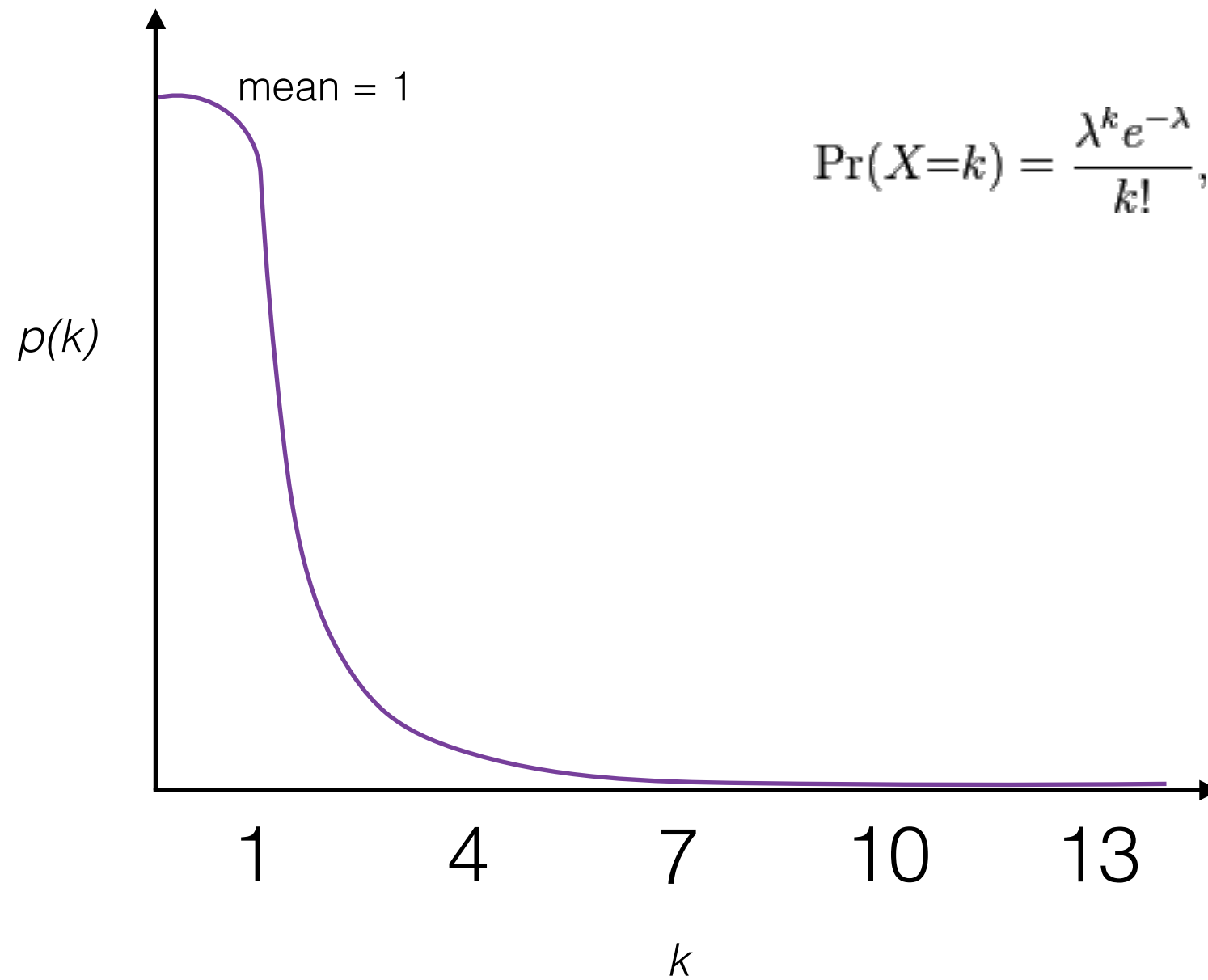
Networks: Scale Free Networks

Geog 490/590
Spatial Modeling
Spring 2015

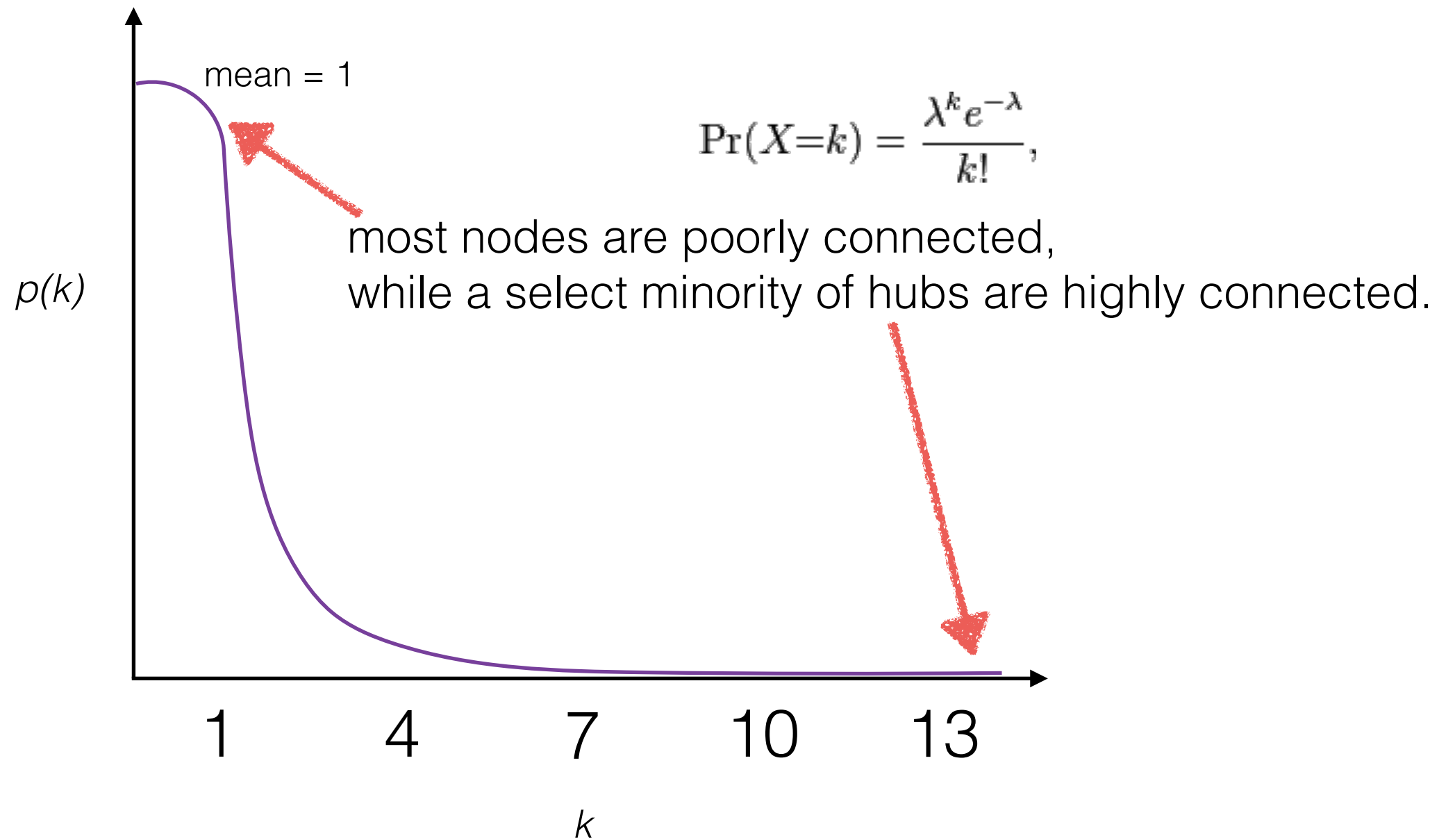
Normal Distribution



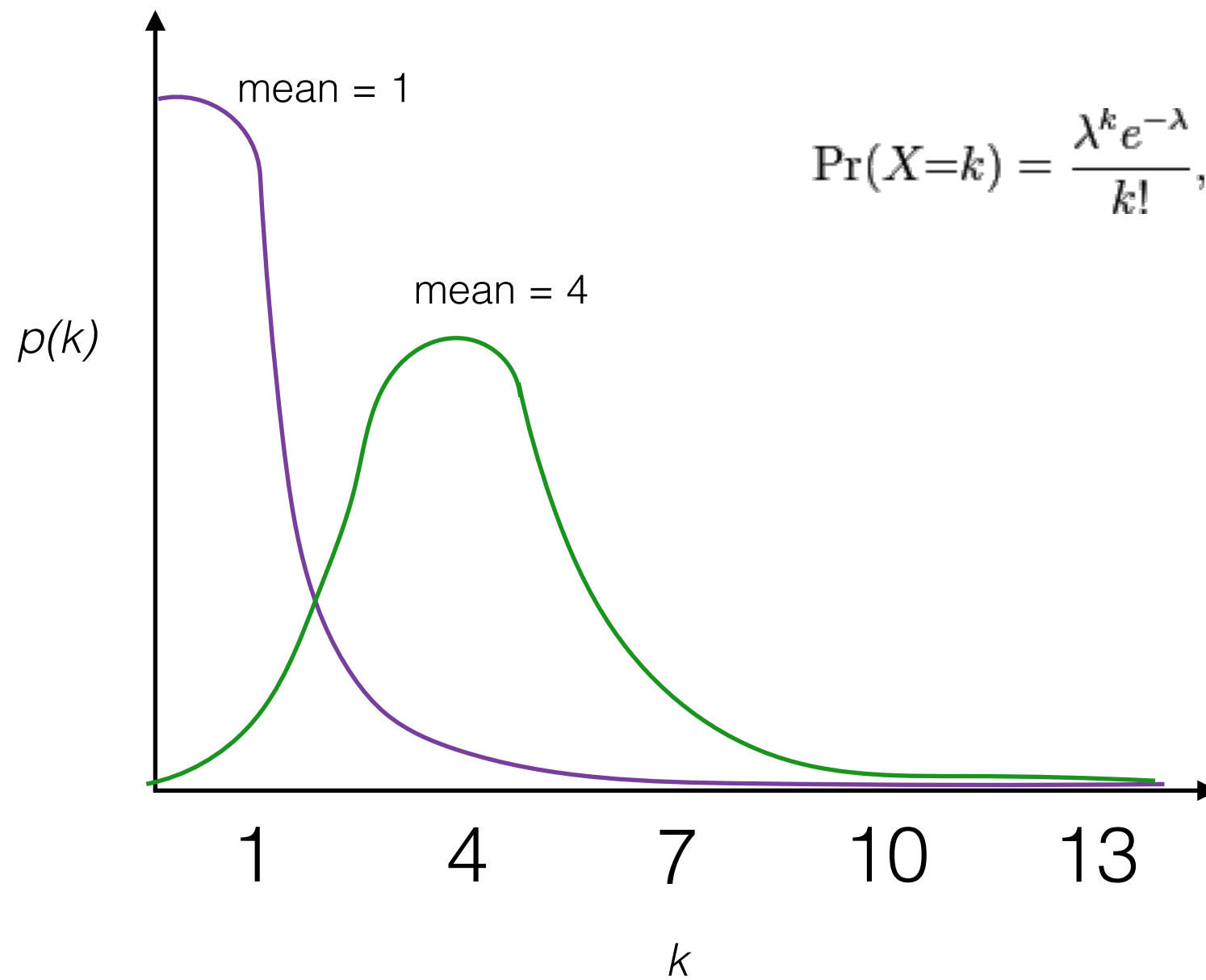
Poisson Distribution



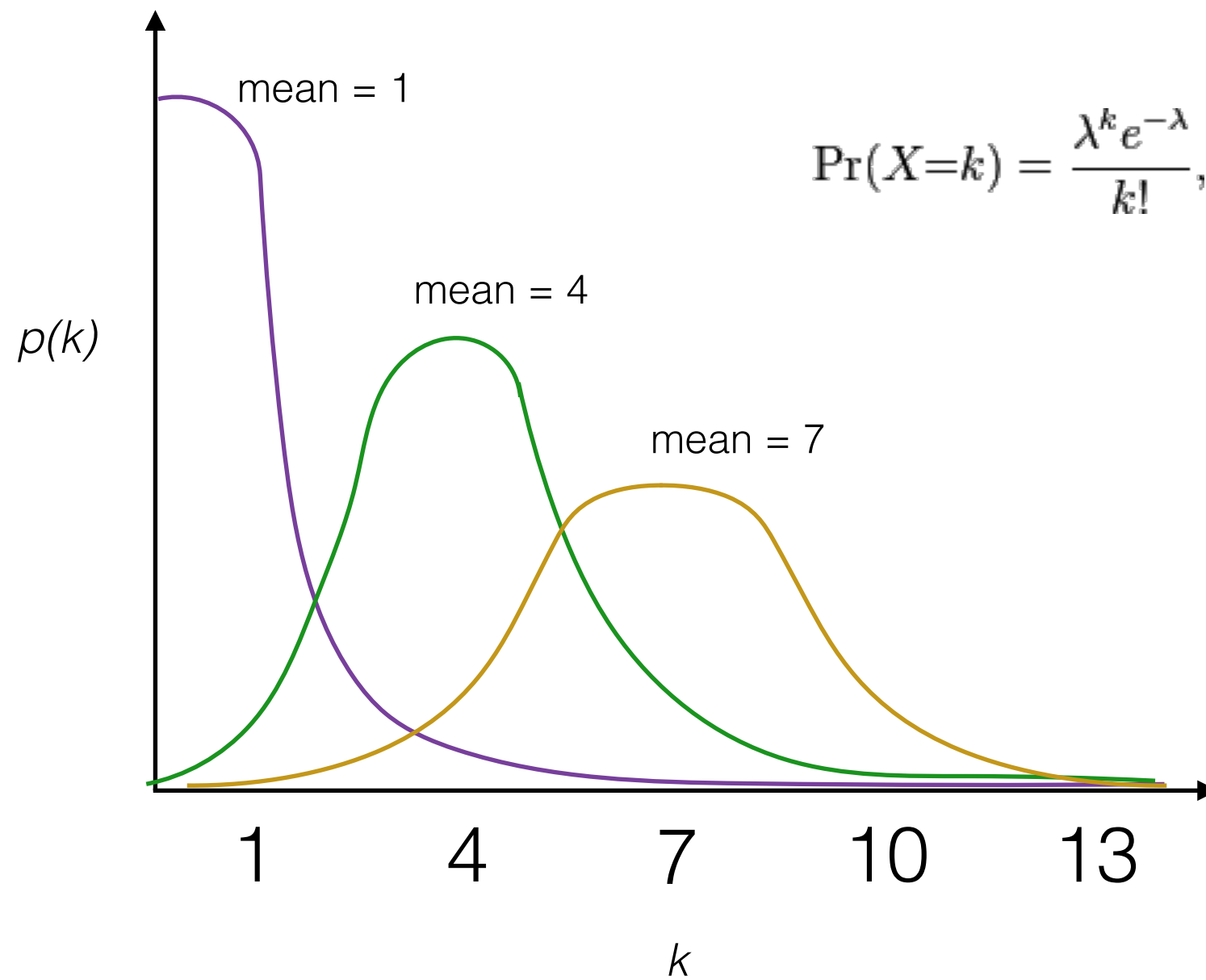
Poisson Distribution



Poisson Distribution



Poisson Distribution



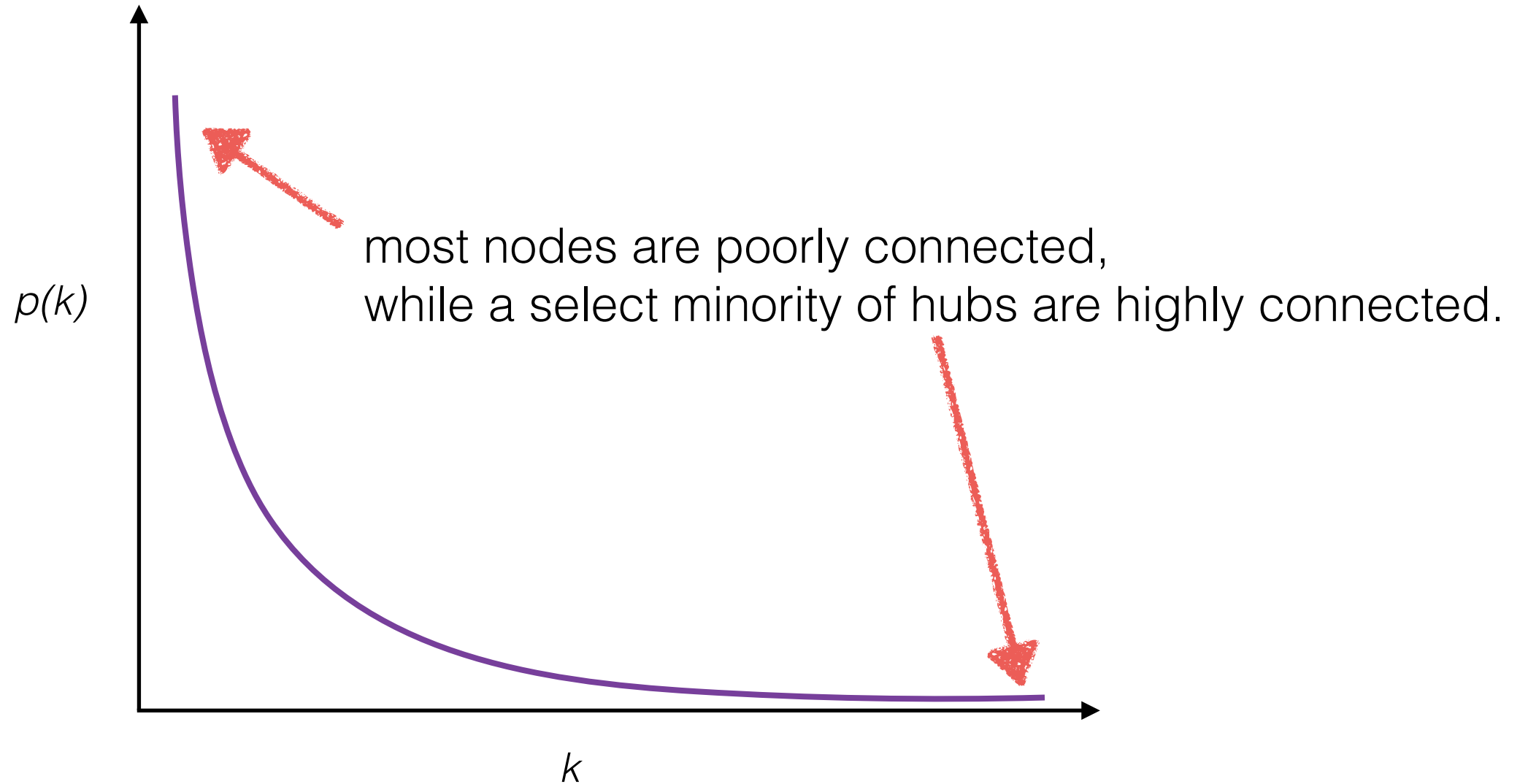
Poisson Distribution

limitation: the occurrence of a new relationship is considered independent of previous relationships.

Power Law Distribution



Power Law Distribution



Preferential Attachment Model

