

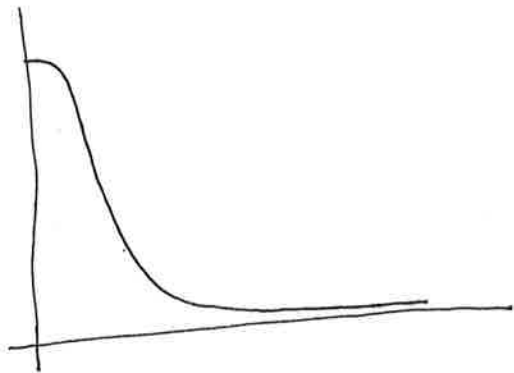
# POISSON DISTRIBUTION

probability that  $N$  things will have same hash value

$$= \frac{e^{-\lambda} \lambda^N}{N!}$$

where  $\lambda$  = "fullness" of table: number of entries / size of array

when  $\lambda < 1$



when  $\lambda > 1$

