$$\frac{\sqrt{2}}{P_{\lambda}(n)} = \frac{\lambda^{n}}{n!} e^{-\lambda}$$

$$3) P(\lambda lm) = \frac{P(ml\lambda) \cdot P(\lambda)}{P(m)} = \frac{P(ml\lambda) \cdot P(\lambda)}{\int P(ml\lambda) P(\lambda) d\lambda} = \frac{P_{\lambda}(m) \cdot P(\lambda)}{\int P_{\lambda}(m) P(\lambda) d\lambda}$$

Gural P(1) = coust:
$$P(1/m) = \frac{P_1(m)}{P_1(m)dl}$$

2)
$$P(\lambda|m,m') = \frac{P(m'|m,\lambda) \cdot P(\lambda|m)}{P(m')} = \frac{P_{\lambda}(m') \cdot P(\lambda|m)}{P(m'|\lambda) \cdot P(\lambda|m)d\lambda}$$

$$\sum_{p_0(x)=\frac{1}{2}}^{N2} e^{-\frac{x^TAx}{2}}$$

$$P(A|x_i) = \frac{P(x_i|A) \cdot P(A)}{P(x_i)} = \frac{P(x_i|A) \cdot P(A)}{SP(x_i|A) \cdot P(A)}$$

no npegromerano P(A) = coust

$$p_1(x) = p(A) \int \frac{1}{2} e^{-\frac{x^2Ax}{2}} dA$$