Tores 5 (Monnes Condends)

L
$$f(x|N,\sigma)_{\sigma} \stackrel{!}{=} e^{\left(\frac{-(x-A)^{2}}{2\sigma^{2}}\right)}$$

As $(x_{1},x_{2},...,x_{n})$

L $(N,\sigma|A) = \prod_{i=1}^{n} f(x_{i}|N,\sigma)$

L $(N,\sigma|A) = \prod_{i=1}^{n} \frac{1}{\sqrt{2\sigma^{2}}} e^{\left(\frac{-(x-A)^{2}}{2\sigma^{2}}\right)}$

L $(N,\sigma|A) = \frac{1}{2\sigma^{2}} e^{\left(\frac{-(x-A)^{2}}{2\sigma^{2}}\right)}$
 $\frac{d(n|1)}{d\eta} = -\sum_{i=1}^{n} \frac{x_{i}-N}{\sigma^{2}} = 0$
 $\frac{d(n|1)}{d\sigma} = \sum_{i=1}^{n} \frac{x_{i}-N}{\sigma^{2}} = 0$