## HW5\_Writting\_assignment

110652012 施品光

1. 
$$f(x) = \frac{1}{||\mathbf{r}(\mathbf{x})|||\mathbf{r}||} \cdot e^{-\frac{1}{2}(\mathbf{x}-\mu)^{T}} \cdot e^{-\frac{1}{2}(\mathbf{x}-\mu)}$$

1.  $f(x) = \frac{1}{||\mathbf{r}(\mathbf{x})||\mathbf{r}||} \cdot e^{-\frac{1}{2}(\mathbf{x}-\mu)^{T}} \cdot e^{-\frac{1}{2}(\mathbf{x}-\mu)}$ 

1.  $f(x) = \frac{1}{||\mathbf{r}(\mathbf{x})||\mathbf{r}(\mathbf{x})|} \cdot e^{-\frac{1}{2}(\mathbf{x}-\mu)^{T}} \cdot e^{-\frac{1}{2$ 

3. Unanswered question.
Q. [og|I| 項在MLE中扮演什麼角色?