$$d(o_i,b) = \sqrt{\sum_i (o_{i,i}-b_i)^2}$$

$$\frac{1}{1} \int d(x, v_{1}) = \sqrt{(-2-2)^{2} + (5+4)^{2}} = \sqrt{46+81} = \sqrt{97}$$

$$\frac{1}{1} \int d(x, v_{2}) = \sqrt{(-2-1)^{2} + (5+4)^{2}} = \sqrt{109}$$

$$\frac{1}{1} \int d(x, v_{2}) = \sqrt{1}$$

$$\frac{1}{1} \int d(x, v_{3}) = \sqrt{2}$$

$$\frac{1} \int d(x, v_{3}) = \sqrt{2}$$

$$R(t) = \underbrace{\alpha \cdot t^{2}}_{A_{0}(t)} + \text{moise}$$

$$t = \underbrace{\begin{bmatrix} t_{1} & t_{2} & t_{3} & t_{4} & t_{5} \\ 1 & 2 & 3 & 4 & 5 \end{bmatrix}}_{A_{1}(t)}$$

$$R = \underbrace{\begin{bmatrix} 1.2 & 3.7 & 8.5 & 18 & 25.8 \end{bmatrix}}_{A_{1}(t)}$$

$$A_{2} = \underbrace{\begin{bmatrix} 2 & 3.7 & 8.5 & 18 & 25.8 \end{bmatrix}}_{A_{1}(t)}$$

$$\int_{\mathbb{R}^{2}} \left(\mu = 0, \nabla^{2} = 1 \right)$$

ML estimation: $\alpha_{ML} = \alpha_{ML} = \alpha_{ML$

$$\overline{W(R|\alpha)} = W(R_1/\alpha) \cdot W(R_2|\alpha) \cdot \cdot W(R_5|\alpha)$$

$$M(V^{\dagger}) = \frac{\Delta \sqrt{su}}{(V^{\dagger} - \sigma)} = \frac{545}{(V^{\dagger} - \sigma)}$$

$$W(n_2|\alpha) = \frac{1}{\sqrt{\sqrt{2\pi}}} \cdot e^{-\frac{(n_2 - 4\alpha)^2}{2\sigma^2}}$$

$$W(N_3/\alpha) = \frac{1}{\sqrt{\sqrt{2\pi}}} \cdot e^{-(N_3-9\alpha)^2}$$

$$W(N_{4}|\alpha) = \frac{1}{\sqrt{|\alpha|}} \cdot e^{\frac{2\pi^{2}}{2\pi^{2}}}$$

$$W(N_{5}|\alpha) = \frac{1}{\sqrt{|\alpha|}} \cdot e^{\frac{2\pi^{2}}{2\pi^{2}}}$$

$$Nont D = \sum_{i=1}^{n} (R_{i} - \alpha \cdot t_{i}^{2})^{2} = (R_{\lambda} - \alpha)^{2} + (R_{\lambda} - \alpha)^{$$

$$\frac{\partial D}{\partial \alpha} = 0 = D \quad \alpha =$$
8.5
(18) (-16) +2 (N = -16) (-16) +2 (N = -16)

$$\frac{1}{2\alpha} = 2 \cdot \frac{12}{(N_1 - 01)(-1)} + 2 \cdot \frac{3.7}{(N_2 - 4\alpha)} \cdot \frac{(-4)}{(-4)} + 2 \cdot \frac{8.5}{(N_3 - 9\alpha)} \cdot \frac{(-9)}{(-9)} + 2 \cdot \frac{16}{(N_4 - 16\alpha)} \cdot \frac{25.8}{(N_5 - 25\alpha)} \cdot \frac{16}{(25)}$$

$$= 0$$

$$(=) \quad \alpha - 1.2 + 16\alpha - 14.8 + 81\alpha - 76.5 + 256\alpha - 288 + 625\alpha - 645 = 0$$

$$(=) \quad 979.00 = 1025.5 =) \quad 00 = 1.04$$

$$f = x = \begin{bmatrix} 1 & 2 & 2.5 & 4 & 4.3 \end{bmatrix}$$

$$V_{aux} = V_{aux} = V_{a$$

$$\frac{\partial D}{\partial x} = 0 \iff \frac{18-\alpha}{(-1)} + \frac{1}{2}(41-2\alpha)(-2) + \frac{1}{2}(5.1-2.5\alpha)(-2.5)$$

$$\alpha - 1.8 + 4\alpha - 8.2 + 6.25\alpha - 12.75 + 16\alpha - 31.6 + 18.49\alpha - 36.55 = 0$$

$$(=) \quad 45.74\alpha = 90.9 = 3 \quad \alpha = \frac{90.9}{45.74} = 1.98$$