DEPI Seminar 7

$$P(t) = \Delta_{\mathcal{O}}(t) + 2gound \qquad [a noi : \Delta_{\mathcal{O}}(t) = v.t = Partial \\ = v.t + 2gound \qquad [c(t) = \Delta_{\mathcal{O}}(t) + 2gound \\ = poz. missinal$$

$$\Delta_{\mathcal{O}} = \begin{bmatrix} v & 2v & 3v & 4v & 5v \end{bmatrix}$$

$$R = \begin{bmatrix} 49 & 9.8 & 14.3 & 21.2 & 25.7 \end{bmatrix}$$

$$\frac{1}{\sqrt{|R_{1}|^{2}}} = \frac{\sqrt{|R_{2}|^{2}}}{\sqrt{|R_{1}|^{2}}} = \sqrt{|R_{2}|^{2}} + (2R_{2})^{2} + (3N_{1} - 14.3)^{2} + (4N_{2} - 21.2)^{2} + (5N_{2} - 25.7)^{2}}$$

$$\frac{\partial}{\partial v} d(r, \omega)^{2} = 2(v-4.3) \cdot 1 + 2(2v-9.8) \cdot 2 + 2(3v-14.3) \cdot 3 + 2(4v-21.2) \cdot 4 + 2(5v-25.7) \cdot 5 = 0$$

$$7) \qquad 140+ 90 + 160 + 250 = 4.9 + 5.8.2 + 14.3.3 + 21.2.4 + 25.7.5$$

$$\frac{4.9+9.8\cdot2+14.3\cdot3+21.2\cdot4+25.7\cdot5}{55}=\frac{280.7}{55}=5.4$$

$$\int_{0}^{\infty} \int_{0}^{\infty} A = 1.6 = 30,6$$

c).
$$x(+) = x_0 + x_1 + x_2 + x_3 + x_4 + x_4 + x_5 +$$

$$\frac{d(x_1, x_0)^2}{d(x_1, x_0)^2} = \frac{d(x_1, x_0)^2}{d(x_0, x_0)^2} + \frac{d(x_0, x_0)^2}{d(x_0, x_0)^2} + \frac{d($$

$$\frac{\partial}{\partial x} = 0$$

$$\frac{20|\mathcal{C}_{1}N_{0}|^{2}}{2^{3}} = \frac{1}{2}(\chi_{0}+v-4.9) + \frac{1}{2}(\chi_{0}+2v-9.8) \cdot 2 + \frac{1}{2}(\chi_{0}+3v-14.3) \cdot 3 + \frac{1}{2}(\chi_{0}+4v-21.2) \cdot 4 + \frac{1}{2}(\chi_{0}+5v-25.7) \cdot 5 = 0$$

$$\frac{1}{2}\frac{1}{2$$

$$\begin{cases}
5. \times 6 + 55. \times 7 = 280.7 \\
=) 40 \times 1 = 204.8 = 0
\end{cases}$$

$$\begin{cases}
5. \times 6 + 15. \times 7 = 75.9
\end{cases}$$

$$=> \times 6 = \frac{75.9 - 15.5.12}{5} = -0.18$$

Loc momental 6: X₀ + V·6 = -0.18 + 5.12.6 =--.

$$A = \frac{?}{2} + \frac{?}{\sqrt{0}} + \frac{?}{\sqrt{0}}$$

$$N_{\Theta} = \left(\frac{\alpha}{2} + \sqrt{0} + \chi_{0}\right) \quad 2\alpha + 2\sqrt{0} + \chi_{0} \qquad \frac{Q.9}{2} + 3\sqrt{0} + \chi_{0} \qquad - - -$$

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$$\frac{\partial d}{\partial \sigma} = 0$$

$$\frac{\partial d}{\partial x_0} = 0$$

$$\frac{\partial d}{\partial x_0} = 0$$

$$2\left(\frac{\sigma_2}{2} + v_0 + x_0 - 4.9\right) \cdot \frac{1}{2} + 2\left(2\sigma_1 + 2v_0 + x_0 - 9.8\right) \cdot 2 + ... = 0$$

$$2\left(\frac{\sigma_2}{2} + v_0 + x_0 - 4.9\right) \cdot 1 + 2\left(2\sigma_1 + 2v_0 + x_0 - 9.8\right) \cdot 2 + ... = 0$$

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$$\frac{2}{4} = \alpha \cdot x$$

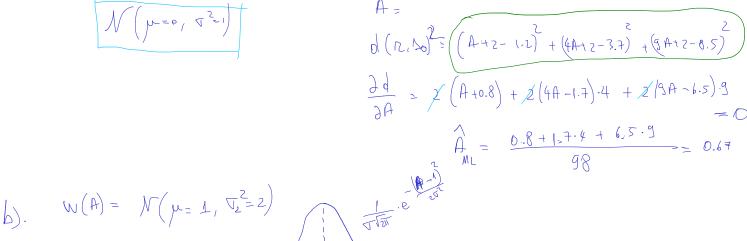
$$\frac{x_{1}}{1} \frac{y_{1}}{18}$$

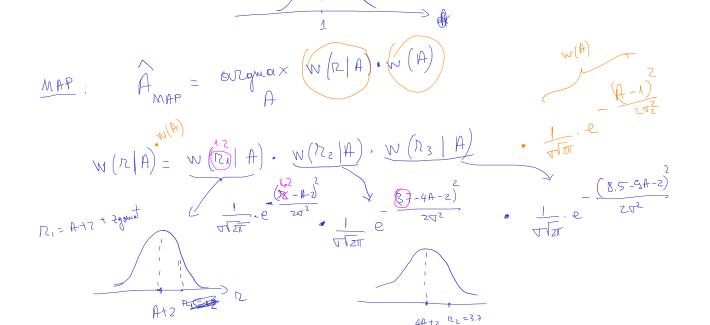
$$\frac{2}{2.5} \frac{4.1}{5.1}$$

$$d(R_{1}, N_{0})^{2} = (\alpha - 18)^{2} + (2\alpha - 4.1)^{2} + (2.5\alpha - 5.1)^{2} + \dots$$

$$\frac{\partial}{\partial \alpha} = 2(0(-1.8) + 2(2\alpha - 4.1) \cdot 2 + 2(2.5\alpha - 5.1) \cdot 2.5 + \dots) = 2$$

$$= 2 \cdot 2 \cdot 2 \cdot 3 + 2 \cdot 2 \cdot 3 + 2 \cdot 3 +$$





 $W(R|A) \cdot W(A) = \frac{1}{\sqrt{12\pi}} \left\{ \frac{1}{\sqrt{12\pi}} \cdot \frac{1}{\sqrt{12\pi}} \cdot \frac{1}{\sqrt{12\pi}} \cdot \frac{(R-1)^2 + (R-1)^2 + (R-1)^2 + (R-1)^2}{2\sqrt{12\pi}} \right\} + \frac{(R-1)^2}{\sqrt{12\pi}}$ When A = 1, so for main $A = \frac{1}{\sqrt{12\pi}} \cdot \frac{1}{\sqrt{12\pi}} \cdot \frac{(R-1)^2 + (R-1)^2 + (R-1)^2 + (R-1)^2}{2\sqrt{12\pi}} \cdot \frac{(R-1)^2}{\sqrt{12\pi}}$ $= \frac{1}{\sqrt{12\pi}} \cdot \frac{(R-1)^2}{\sqrt{12\pi}} \cdot \frac{(R-1)^2 + (R-1)^2 + (R-1)^2 + (R-1)^2}{\sqrt{12\pi}} + \frac{(R-1)^2}{\sqrt{12\pi}} \cdot \frac{(R-1)^2}{\sqrt{12\pi}}$ $= \frac{1}{\sqrt{12\pi}} \cdot \frac{(R-1)^2 + (R-1)^2 + (R-1)^2 + (R-1)^2}{\sqrt{12\pi}} + \frac{(R-1)^2}{\sqrt{12\pi}} \cdot \frac{(R-1)^2}{\sqrt{12\pi}} \cdot \frac{(R-1)^2}{\sqrt{12\pi}}$ $= \frac{1}{\sqrt{12\pi}} \cdot \frac{(R-1)^2 + (R-1)^2 + (R-1)^2 + (R-1)^2}{\sqrt{12\pi}} + \frac{(R-1)^2}{\sqrt{12\pi}} \cdot \frac{(R-1)^2}{\sqrt{12\pi}} \cdot \frac{(R-1)^2}{\sqrt{12\pi}} \cdot \frac{(R-1)^2}{\sqrt{12\pi}} \cdot \frac{(R-1)^2}{\sqrt{12\pi}} \cdot \frac{(R-1)^2 + (R-1)^2 + (R-1)^2 + (R-1)^2}{\sqrt{12\pi}} \cdot \frac{(R-1)^2}{\sqrt{12\pi}} \cdot \frac{(R-1)^2 + (R-1)^2 + (R-1)^2 + (R-1)^2}{\sqrt{12\pi}} \cdot \frac{(R-1)^2 + (R-1)^2 + (R-1)^2 + (R-1)^2 + (R-1)^2}{\sqrt{12\pi}} \cdot \frac{(R-1)^2 + (R-1)^2 + (R-$