EA  $\frac{1}{n} \geq \frac{1}{2} (y_1 - (mx_1 + (1))^2 + \frac{1}{2} (y_1 - 2y_1) (mx_1 + (1) + (mx_1 + (1))^2 + \frac{1}{2} (y_1 - 2y_1) (mx_1 + 2y_1) + \frac{1}{2} (y_1 - y_1) + \frac{1}{2} (y_1 - y_1) - 2 = 3(1 +$ 

 $E = \frac{1}{n} \sum_{i=1}^{n} (y_i - (\alpha x^2 + bx + C))^2$   $= \frac{1}{n} \sum_{i=1}^{n} (y_i - y_i) \cdot -2x^2 = \delta \alpha$   $= \frac{1}{n} \sum_{i=1}^{n} (y_i - y_i) \cdot -2x = \delta b$   $= \frac{1}{n} \sum_{i=1}^{n} (y_i - y_i) \cdot -2 = \delta C$ 

E + 1 = (y - y) e - 1 - 2)

SUF - 1 = (y - y) o y e - 2 - 2

E- h & (1/1 - 1/04-Bx)2 Sa-1/1/2 - 1/04-Bx)2 Sb-1/1/2 - 2x

 $E = \frac{1}{2} \sum_{i=1}^{n} (y_i - \alpha_i \sin(Bx + c))^2$   $\frac{1}{2} \alpha = (y_i - y_i) - 2 \sin(Bx + c)$   $\frac{1}{2} b = (y_i - y_i) - 2 \cdot x \cos(Bx + c)$   $\frac{1}{2} c = (y_i - y_i) - 2 \cos(Bx + c)$ 

 $E = \frac{1}{h} \sum_{i} (y_{i} - (ox_{i} + bx_{i} + c))^{2}$   $So = \frac{1}{h} \sum_{i} (y_{i} - \hat{y}) \cdot -2x_{i}$   $Sb = \frac{1}{h} \sum_{i} (y_{i} - \hat{y}) \cdot -2x_{i}$   $S(-\frac{1}{h} \sum_{i} (y_{i} - \hat{y}) \cdot -2x_{i}$   $S(-\frac{1}{h} \sum_{i} (y_{i} - \hat{y}) \cdot -2x_{i}^{2}$   $S(-\frac{1}{h} \sum_{i} (y_{i} - \hat{y}) \cdot -2x_{i}^{2}$   $S(-\frac{1}{h} \sum_{i} (y_{i} - \hat{y}) \cdot -2x_{i}$   $S(-\frac{1}{h} \sum_{i} (y_{i} - \hat{y}) \cdot -2x_{i}$ 

<u> 7</u>