1 x x2 x3 x

 $\begin{bmatrix} 1 \\ \chi \\ \chi^2 \\ \chi^3 \\ \chi^4 \\ \chi^5 \end{bmatrix}$ 

 $\omega_0 + \omega_1 x + \omega_2 x^2 + \omega_3 x^3 + \omega_4 x^4 + \omega_5 x^5$ 

foreachinn-