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COMP. MATH. LS
as 2(x) + Sin2(x) = 1
                                                 3. (x<sub>0</sub>, y<sub>0</sub>) (x<sub>0</sub>, y<sub>0</sub>)
                            Find f(i) s.t.

\frac{g_i = f(x_i) \quad \forall i = 0, ..., N}{(\Rightarrow) \text{ Not constant on } f(i)}

                                         poly At
p(s) = p_s x^{la} + p_s x^{la} + \dots + p_{lag} x^{l} + p_{lag} x^{l}
degrac / deg / polyanomial
nucle up f deg + 1 terms.
                         linear/ 2 data prit energie.
                                              Model: g(x) = \alpha_1 + \alpha_1 \times \dots \times \alpha_n

Dobn: g_1 = \alpha_1 + \alpha_1 \times \dots \times \alpha_n

g_1 = \alpha_1 + \alpha_1 \times \dots \times \alpha_n

She for purnowly of any model, (c. a. a. a.

\begin{pmatrix} 1 & \lambda_1 \\ 1 & \lambda_1 \end{pmatrix} \begin{pmatrix} \alpha_1 \\ \alpha_2 \end{pmatrix} = \begin{pmatrix} y_1 \\ y_2 \end{pmatrix}
                                                      L(x) = 1 (x-1)(x-2)-9x(x-2)+12x(x-1)
                                                                                                    Quadrature fix)
                                                                                       In I food I
                                                                                                  Arkinderintin/identh.

eg x_{2}^{2}x_{1}^{2}=\int x dx

\Rightarrow \int_{0}^{1} x dx = F(3) - F(7)
= \frac{1}{2} x + \frac{1}{2} x - \left(\frac{x}{2} x\right)

\begin{array}{c|c}
\hline
E & f(x) dx \\
\hline
= J_1 + J_2 \\
\hline
= \int_0^x f(x) dx + \int_0^x f(x) dx
\end{array}

                                                                                                    I = 2 I;
                                                                                                                                        I = 5 such de = - ou s (x) = - 
                                                                                                                                                     = 1+1 = 2
                                                                                       \begin{split} I - \overline{I}_{m} &\approx -2 \left( I - \overline{I}_{\tau} \right) \\ \Rightarrow & 3I \approx \overline{I}_{m} + 2 I_{\tau} \\ \Rightarrow & I \approx \frac{1}{2} \left( \overline{I}_{m} + 2 I_{\tau} \right) \\ &\downarrow I_{more accompletely} \end{split}
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