Problemas Integración 3,  $f(x) \approx P_2(x) = (x-b)(x-xm) f(a) f(x-a)(x-b) f(xm)$ (a-b)(a-xm) [xm-u](xm-b) $+ \frac{(X-a)(x-xa)}{(b-a)!(b-xa)} f(b)$ 2h = 6-01  $h = b - a - b = \times m = \times m - a$ X-X, = th X = Xo + th $\chi_2 = \chi_0 + 2h$  $X_1 = X_0 + 1 h$ X-X1 = X- X0+h = th=h  $X - X_2 = X - X_0 - 2h = \pm h - 2h$ Reimplazando:  $f(a) + \frac{(k)k(k-2)}{(k)(-k)} f(xm)$  $f(x) \approx p_{e}(x) = \frac{M(t-1)M(t-2)}{(-2K)(k)}$ + (LN) ((t-1)) f (b) (2K)(K) = (t-1)(t-2) f(a) + t(t-2) f(xm) $+ \frac{\pm(\pm - 1)}{2} f(b)$ 

$$\begin{array}{l}
\Gamma_{4}(\lambda) = \frac{1}{2} \frac{2}{3} \pm 2 \\
2 \\
\Gamma_{2}(x) = (\pm^{2} - 2 \pm )/-1 \\
\Gamma_{3}(x) = \frac{1}{2} \pm^{2} - 4 \\
A_{4} = \int_{\{0\}} \int_{0}^{2} \frac{1}{2} \frac{2}{2} - 3 \pm 2 \\
+ \int_{0}^{2} \int_{0}^{2} \frac{1}{2} \frac{2}{2} + 2 \pm \int_{0}^{2} \int_{0}^{2} + \int_{0}^{2} x_{1} \int_{0}^{2} \frac{1}{2} \frac{1}{2} \int_{0}^{2} + \int_{0}^{2} x_{1} \int_{0}^{2} \frac{1}{2} \int_{0}$$