$ \begin{array}{c}                                     $	Punto 1 $P_{nos} = \sum_{i=0}^{n-1} f(x_i) L_i(x_i)$ $x \neq f$		
$P_{\mathbf{A}}(x) = \int (x_0) \left( \frac{(x - x_1) (x - x_2)}{(x_0 - x_1) (x_0 - x_2)} + \int (x_1) \frac{(x - x_0) (x - x_2)}{(x_1 - x_0) (x_1 - x_2)} \right)$ $+ \int (x_2) \left( \frac{(x - x_0)(x_1 - x_1)}{(x_2 - x_0)(x_2 - x_1)} \right)$ $P_{\mathbf{A}}(x) = \int (x_0) \left( \frac{x_1 - x_2}{x_2 - x_2} - \frac{x_1}{x_1} + \frac{x_2}{x_1} + \frac{x_2}{x_2} \right)$ $P_{\mathbf{A}}(x) = \int (x_0) \left( \frac{x_1 - x_2}{x_2 - x_2} - \frac{x_1}{x_1} + \frac{x_2}{x_1} + \frac{x_2}{x_2} \right)$ $\frac{P_{\mathbf{A}}(x)}{(x_1 - x_0)} = \int (x_0) \left( \frac{x_1 - x_2}{x_2 - x_2} - \frac{x_1}{x_2} + \frac{x_2}{x_1} \right)$ $\frac{P_{\mathbf{A}}(x)}{(x_1 - x_0)} = \int (x_0) \left( \frac{x_1 - x_2}{x_2 - x_2} - \frac{x_1}{x_2} + \frac{x_2}{x_1} \right)$ $\frac{P_{\mathbf{A}}(x)}{(x_1 - x_0)} = \int (x_0) \left( \frac{x_1 - x_2}{x_2 - x_2} - \frac{x_1}{x_2} + \frac{x_2}{x_1} \right)$ $\frac{P_{\mathbf{A}}(x)}{(x_1 - x_0)} = \int (x_0) \left( \frac{x_1 - x_2}{x_2 - x_2} - \frac{x_1}{x_2} + \frac{x_2}{x_1} \right)$ $\frac{P_{\mathbf{A}}(x)}{(x_1 - x_0)} = \int (x_0) \left( \frac{x_1 - x_2}{x_2} - \frac{x_1}{x_2} + \frac{x_2}{x_1} \right)$ $\frac{P_{\mathbf{A}}(x)}{(x_1 - x_0)} = \int (x_0) \left( \frac{x_1 - x_2}{x_2} - \frac{x_1}{x_2} + \frac{x_1}{x_2} + \frac{x_2}{x_1} \right)$ $\frac{P_{\mathbf{A}}(x)}{(x_1 - x_0)} = \int (x_0) \left( \frac{x_1 - x_2}{x_2} - \frac{x_1}{x_2} + \frac{x_1}{x_2} + \frac{x_2}{x_2} \right)$ $\frac{P_{\mathbf{A}}(x)}{(x_1 - x_0)} = \int (x_1 - x_1) \left( \frac{x_1 - x_2}{x_2} - \frac{x_1}{x_2} + \frac{x_2}{x_2} \right)$ $\frac{P_{\mathbf{A}}(x)}{(x_1 - x_0)} = \int (x_1 - x_1) \left( \frac{x_1 - x_2}{x_2} - \frac{x_1}{x_2} + \frac{x_2}{x_2} \right)$ $\frac{P_{\mathbf{A}}(x)}{(x_1 - x_0)} = \int (x_1 - x_1) \left( \frac{x_1 - x_2}{x_2} - \frac{x_1}{x_2} + \frac{x_2}{x_2} \right)$ $\frac{P_{\mathbf{A}}(x)}{(x_1 - x_0)} = \int (x_1 - x_1) \left( \frac{x_1 - x_2}{x_2} - \frac{x_1}{x_2} + \frac{x_1}{x_2} \right)$ $\frac{P_{\mathbf{A}}(x)}{(x_1 - x_0)} = \int (x_1 - x_1) \left( \frac{x_1 - x_1}{x_2} - \frac{x_1}{x_2} + \frac{x_1}{x_2} \right)$	$\lim_{x \to x} (x) = \lim_{x \to x} \frac{x - xi}{xi + xi}$		
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Polinomio interpolador para $\Omega_{0} =$ $P_{0}(x) = \int (x_{0}) \left( \frac{(x - x_{1})(x - x_{2})}{(x_{0} - x_{1})(x - x_{2})} \right) +$	$\begin{cases} (x_1) & (x - x_0) & (x - x_2) \\ (x_1 - x_0) & (x_1 - x_2) \end{cases}$	
$P_{S_{1}}(x) = f(x_{0}) \left( \frac{x^{2} - x_{2}x - x_{1}x + x_{2}x_{1}}{x_{0}^{2} - x_{2}x_{0} - x_{1}x_{0} + x_{2}x_{1}} \right) + f(x_{1}) \left( \frac{x^{2} - x_{2}x - x_{2}x - x_{2}x_{0} + x_{2}x_{0}}{x_{1}x_{0} - x_{2}x_{1} - x_{0}^{2} + x_{2}x_{0}} \right)$	$(x_2 - x_0)(x_2 - x_1)$		

$$P = \int \left( \frac{2x - x_2 - x_1}{x_0^2 - x_2 x_0 - x_1 x_0 + x_2 x_1} + \int (x_1) \left( \frac{2x - x_2 - x_4}{x_1 x_0 - x_2 x_4 - x_0^2 + x_0 x_2} \right) \right)$$

$$+ \int (x_2) \left( \frac{2x - x_0 - x_4}{x_1^2 - x_0 x_2 - x_4 x_1 + x_0^2 + x_0^2$$

a ((tan (x))1/2) Sec2 (x) Sec 2(x) [ = 1/2 (tan (x)) -1/2 . a(tan (x)) =