
Entrada: $(x_0, y_0), \dots, (x_m, y_m)$

Salida: Coeficientes $\alpha_0, \alpha_1, \dots, \alpha_m$ en la base $\{X^{(0)}, \dots, X^{(n)}\}$.

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1  $a_0 = y_0;$ 
2  $s = \alpha_j - \alpha_0;$ 
3  $f = x_j - x_0;$ 
4 for  $j = 1$  to  $m$  do
5    $s = y_j - \alpha_0; f = x_j - x_0;$ 
6   for  $k = 1$  to  $j - 1$  do
7      $s = s - \alpha_k \cdot f;$ 
8      $f = (x_j - x_k) \cdot f;$ 
9   return  $\alpha_j = s/f ;$ 
```
