

Ejemplos:

$$\textcircled{1} \quad f_{1,1}: \text{Ciclo: } \begin{array}{|c|c|c|c|c|} \hline & 1 & 2 & 3 & 4 \\ \hline 1 & & & & \\ \hline 2 & & & & \\ \hline 3 & & & & \\ \hline 4 & & & & \\ \hline \end{array}$$

$$f(1) = \frac{q_0}{r_0} + \frac{q_1}{r_1} + \frac{q_2}{r_2} + \frac{q_3}{r_3} = \frac{15}{4}$$

$$\star p(0) = k_1 L_{1,0}(0) + L_1 L_2(0) + L_2 L_3(0) = \frac{5(1-0)(1-0)}{r_0} + \frac{5(1-0)(1-0)}{r_1} + \frac{5(1-0)(1-0)}{r_2} = \frac{15(1-0)(1-0)}{r_0 r_1 r_2}$$

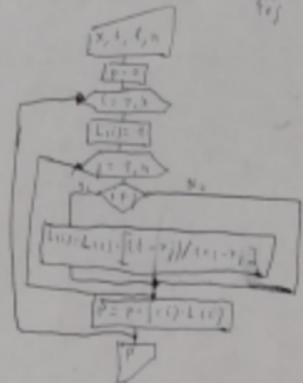
$$\begin{aligned} L_{1,0}(t) &= \frac{(t-t_1)(t-t_2)}{(t_1-t_2)(t_2-t_3)} = \frac{(t-0)(t-1)}{2 \cdot 3} \\ L_{2,0}(t) &= \frac{(t-t_1)(t-t_3)}{(t_1-t_2)(t_2-t_3)} = \frac{(t-0)(t-1)}{2 \cdot 3} \end{aligned}$$

$$L_3(0) = \frac{(t-t_2)(t-t_3)}{r_3} = \frac{(t-1)(t-0)}{r_3}$$

④ A.R.s paralelos

$$\begin{aligned} p_{1,1}, \dots, p_n &= \frac{\lambda_1 \lambda_2 \dots \lambda_n}{\lambda_1 \lambda_2 \dots \lambda_n} = \frac{\lambda_1 \lambda_2 \dots \lambda_n}{\lambda_1 \lambda_2 \dots \lambda_n} \\ p_{1,1} \dots p_n &= \lambda_1 \lambda_2 \dots \lambda_n = q(t_1) \dots q(t_n) \\ p_n &= \begin{cases} \frac{M_i}{r_i} & q(t_i) = f_i \\ 0 & q(t_i) \neq f_i \end{cases} \end{aligned}$$

$$\textcircled{2} \quad p = \sum_{i=1}^n p_{1,1} = \sum_{i=1}^n \left( p_i \left( \frac{t_i - r_i}{r_i} \right) \right)$$

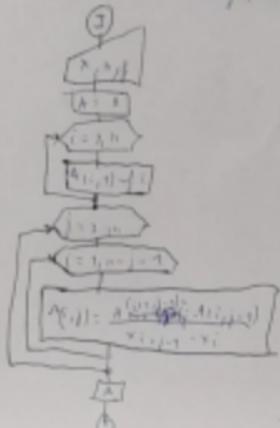


⑤ Dif. dividendo:

$$A_{1,1} = \begin{pmatrix} A_{1,1} & A_{1,2} & A_{1,3} & A_{1,4} & A_{1,5} \\ A_{2,1} & A_{2,2} & A_{2,3} & A_{2,4} & 0 \\ A_{3,1} & A_{3,2} & A_{3,3} & A_{3,4} & 0 \\ A_{4,1} & A_{4,2} & 0 & 0 & 0 \\ A_{5,1} & 0 & 0 & 0 & 0 \end{pmatrix}$$

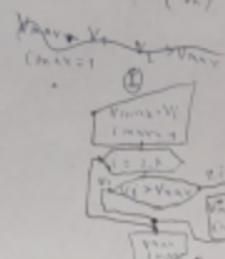
$$\begin{aligned} n-j+2 &= 3, \dots, n \\ n-(j-1) &= 1, \dots, n-j+1 \end{aligned}$$

$$A_{1,1} = \frac{A_{1,1} \dots A_{1,n-j+1}}{A_{1,1} \dots A_{1,n-j}}$$



$$\textcircled{6} \quad i = 1, \dots, n$$

$$V_{1,1} = \begin{pmatrix} V_1 \\ V_2 \\ \vdots \\ V_n \end{pmatrix}$$



$$\textcircled{7} \quad A_{1,1} = \omega$$

$$p = \sum_{i=1}^n A_{1,1} = F$$

$$F = \sum_{i=1}^n \{x_1, \dots, x_i\} = \prod_{i=1}^{n-1} (1+x_i)$$

