```
??
??
 C(1)
\begin{array}{c} C(1) \\ ?? \\ \Delta i \\ i \\ \Delta j \\ j \\ ?? \\ ?? \end{array}
             C(x,t)t = D(C)[2]C(x,t)x
             C_i^{j+1} - C_i^j \Delta j = D C_{i+1}^{j+1} - 2 C_i^{j+1} + C_{i-1}^{j+1} (\Delta i)^2
(2)_{\begin{subarray}{c}0\\0\\\vdots\\i\\i\\\epsilon\end{subarray}}
            0i \in [0; n+1]
                                                                                          \begin{cases} C(x=0,t>0) = C_0^j = C_s \\ C(x\to\infty,t>0) = C_{n+1}^j = 0 \end{cases} j \in [0,T]
              {\bf Condies de Contorno:}
             C_i^{j+1} - \frac{D\Delta j}{(\Delta i)^2}(C_{i+1}^{j+1} - 2C_i^{j+1} + C_{i-1}^{j+1}) = C_i^j
             D\Delta j(\Delta i)^2
            D\Delta j(\Delta i)
Fo = D\Delta j(\Delta i)^{2}
Po = D\Delta j(\Delta i)^{2}

2Fo)C_{i}^{j+1} - FoC_{i-1}^{j+1}) = 

            C_i^j
c_i^{j+1} =
            \begin{array}{l} C_{i} & = \\ 1(1+2Fo)C_{i}^{j} + \\ Fo(1+2Fo)C_{i-1}^{j+1} + \\ Fo(1+2Fo)C_{i+1}^{j+1} \\ Fo > \\ 0 \\ j+1 \end{array}

\begin{array}{c}
j+1\\i+1\\1\\2
\end{array}

            (1+
2Fo)C_{i}^{j+1}+
FoC_{i-1}^{j+1})+
            C_{i}^{j} = 0
i = 1
E_{i}^{j+1}
           FoC_0^{j+1} - (1+
            (1+ 2Fo)C_1^{j+1} + FoC_2^{j+1} + C_1^j = 0
(1+ 2F)C_2^{j+1}
            (2Fo)C_1^{j+1} - FoC_2^{j+1}) = FoC_s^{j+1} + C_s^{j}
             C_1^j
i = 2:
             F_0C_1^{j+1} - 
              (1+
            (1+ 2Fo)C_2^{j+1} + FoC_3^{j+1} + C_2^{j} = 0
(1+ C_2^{j+1})C_3^{j+1}
             \begin{array}{l} (1+\\ 2Fo)C_2^{j+1} -\\ FoC_3^{j+1}) -\\ FoC_1^{j+1} =\\ \end{array}
```