?
$\alpha jqH_{superfcie}\left(H_0 - C(0,t)\right)$
j
0
q
$1,602.10^{-19}C$
$H_{superfcie}$
m^2
H_0
$C(0,t)$
??

$$C(xz,t)t = D(C)[2]C(x,t)x + \alpha jqH_{superfcie}\left(H_0 - C(0,t)\right) \quad (1)$$

$x \rightarrow \infty$
$j_0 =$
$jqH_{superfcie}$
$_0^{j+1}-$
$C_0^j \Delta t =$
$DC_{i+1}^{j+1} - C_i^{j+1}(\Delta x)^2 +$
$\alpha j_0 \left(H_0 - C(0,t)\right)$

$$C_0^{j+1} = C_0^j + Fo(C_1^{j+1} - C_0^{j+1}) + \alpha j_0 \Delta t\left(H_0 - C_0^{j+1}\right) j \in [0,T] \quad (2)$$

$i =$
$0:$
$(1+$
$Fo+$
$\alpha j_0 \Delta t)C_0^{j+1} -$
$FoC_1^{j+1} =$
$C_0^j +$
$\alpha j_0 \Delta t H_0$
$i =$
$1:$
$-FoC_0^{j+1} +$
$(1+$
$2Fo)C_1^{j+1} -$
$FoC_2^{j+1} -$
$C_1^j =$
0
$(1+$
$2Fo)C_1^{j+1} -$
$FoC_2^{j+1} -$
$FoC_0^{j+1} =$
C_1^j
$i =$
$2:$
$-FoC_1^{j+1} +$
$(1+$
$2Fo)C_2^{j+1} -$
$FoC_3^{j+1} -$
$C_2^j =$
0
$(1+$
$2Fo)C_2^{j+1} -$
$FoC_3^{j+1} -$
$FoC_1^{j+1} =$
C_2^j

$i =$
$h:$
$-FoC_{n-1}^{j+1} +$
$(1+$
$2Fo)C_n^{j+1} -$
$FoC_{n+1}^{j+1} -$
$C_n^j =$
0
$(1+$
$2Fo)C_n^{j+1} -$
$FoC_{n-1}^{j+1} =$
C_n^j
??
$^j +$
1
^{j}
$\alpha j_0 \Delta t) -$
$Fo0$