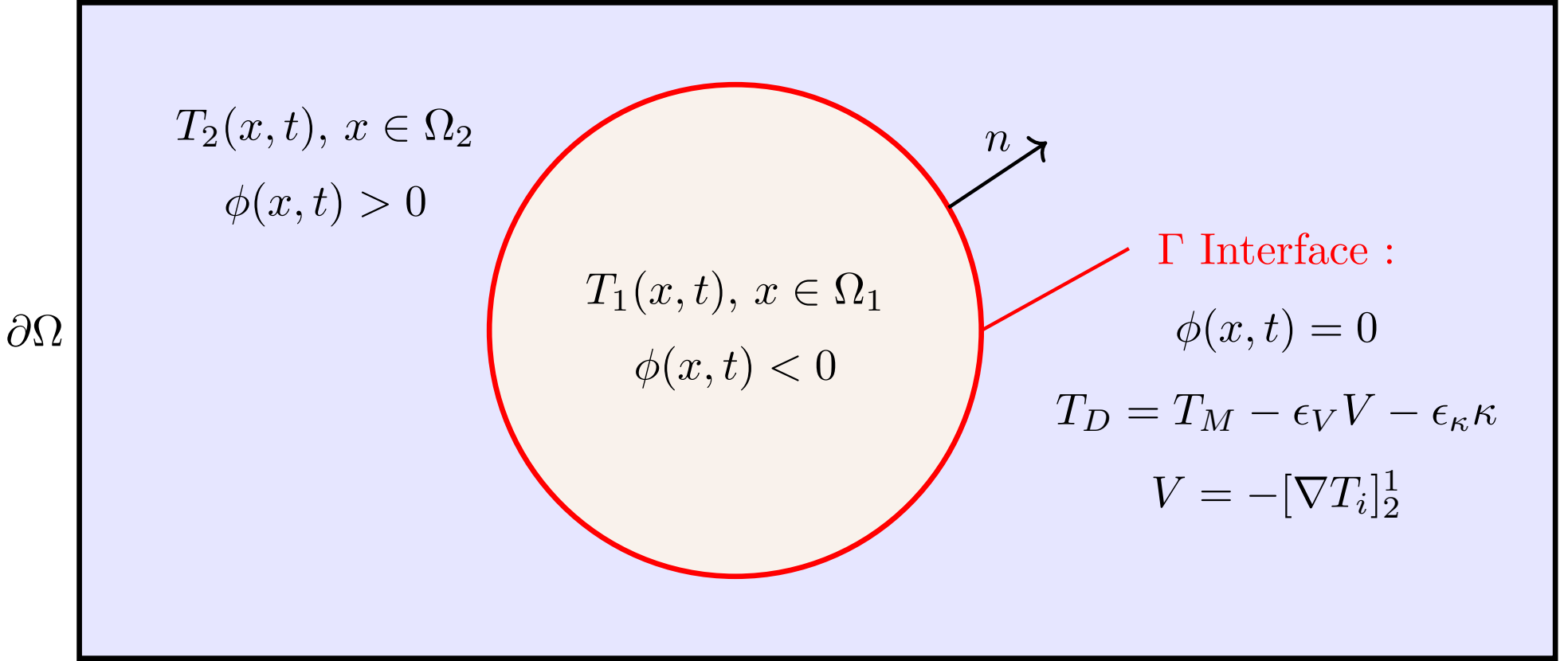
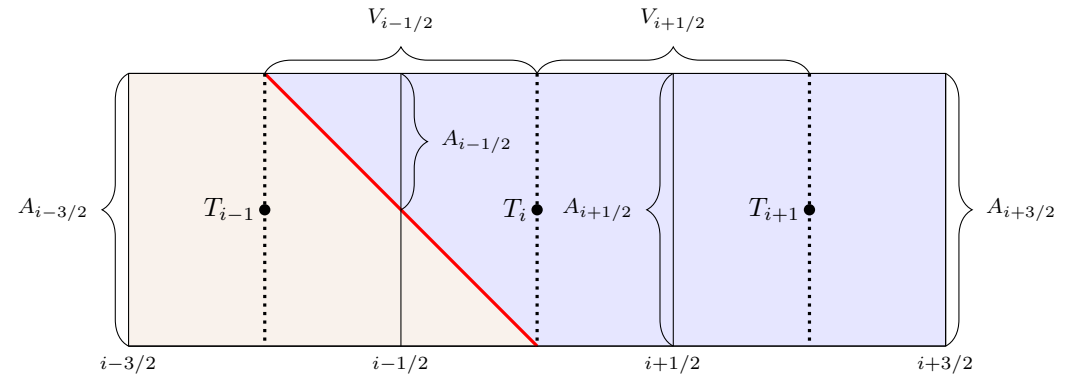
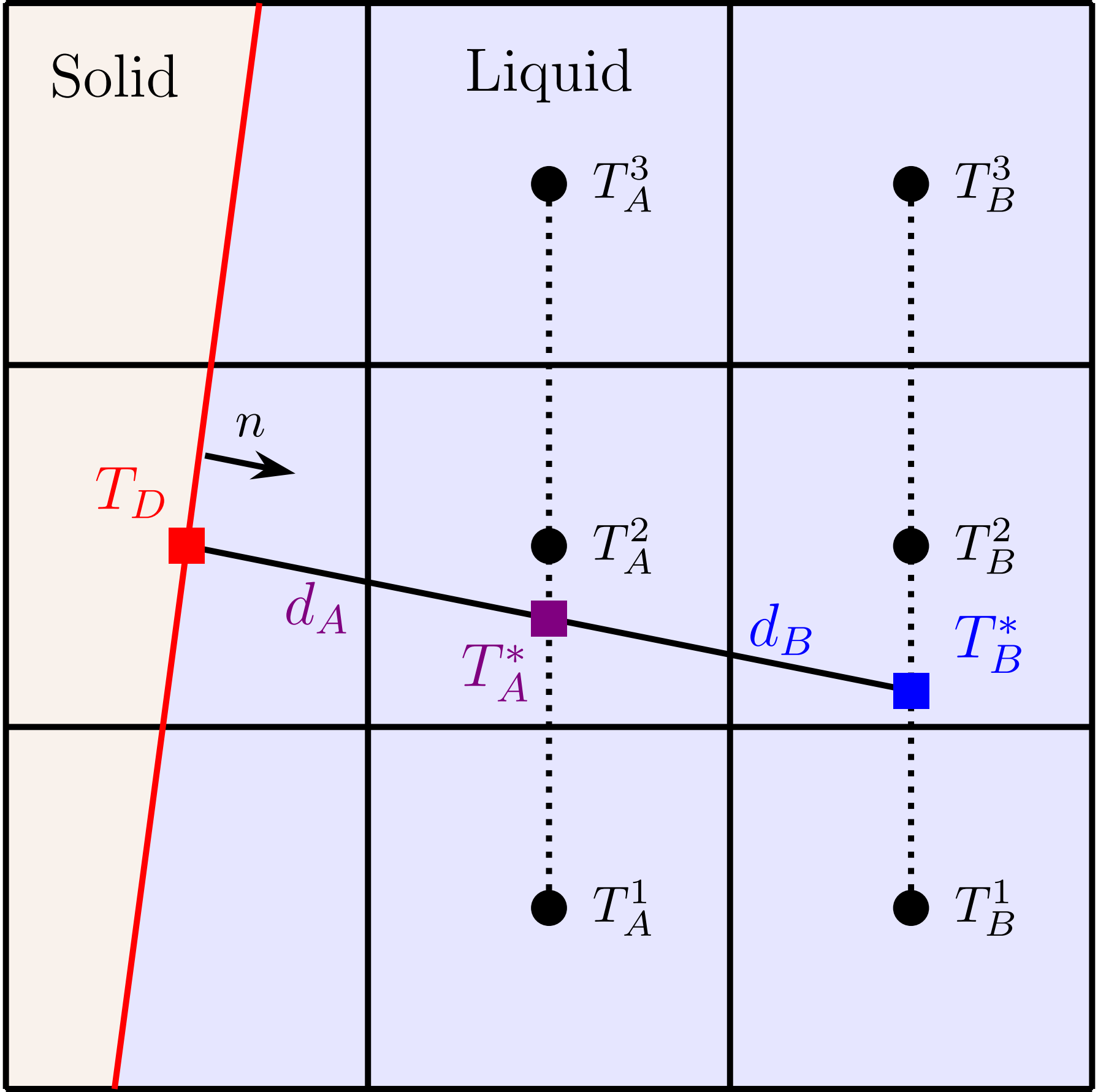
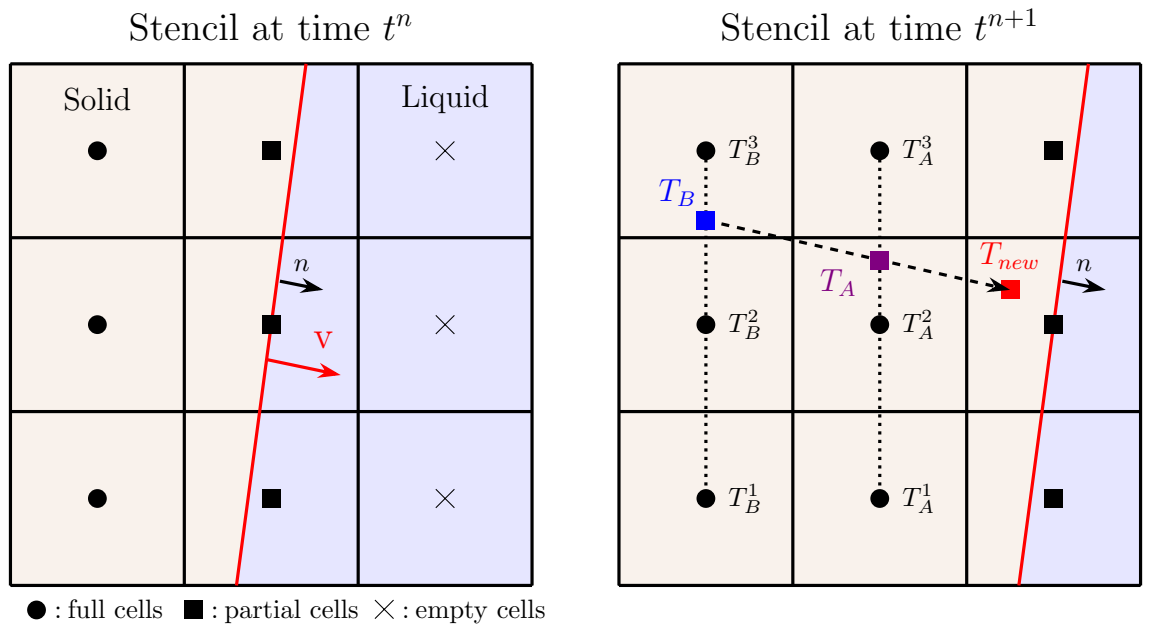

$T_2(x,t),\ x \in \Omega_2$
$\phi(x,t) > 0$
n
$T_1(x,t),\ x \in \Omega_1$
$\phi(x,t) < 0$
$\partial\Omega$
Γ Interface :
$\phi(x,t) = 0$
$T_D = T_M - \epsilon_V V - \epsilon_\kappa \kappa$
$V = -[\nabla T_i]_2^1$


$V_{i-1/2}$
$V_{i+1/2}$
$A_{i-1/2}$
$A_{i-3/2}$
T_{i-1}
T_i
$A_{i+1/2}$
T_{i+1}
$A_{i+3/2}$
$i-3/2$
$i-1/2$
$i+1/2$
$i+3/2$


Solid
Liquid
T_A^3
T_B^3
n
T_D
T_A^2
T_B^2
d_A
d_B
T_A^*
T_B^*
T_A^1
T_B^1


Stencil at time t^n
Solid
Liquid
n
v
Stencil at time t^{n+1}
T_B^3
T_A^3
T_B
T_{new}
T_A
n
T_B^2
T_A^2
T_B^1
T_A^1
● : full cells ■ : partial cells × : empty cells