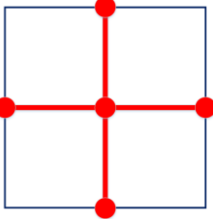
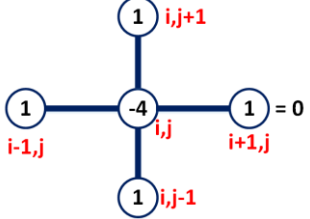
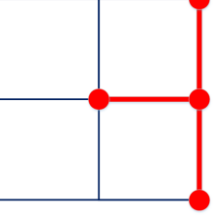
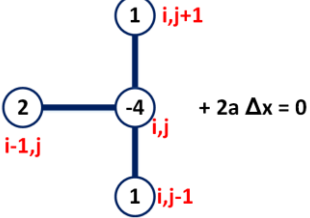
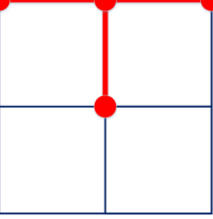
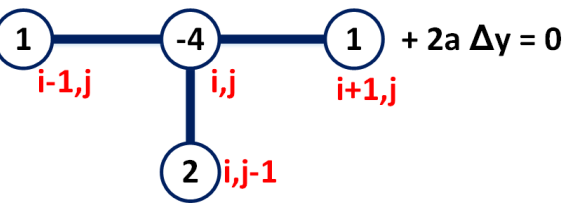
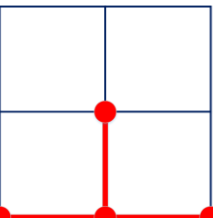
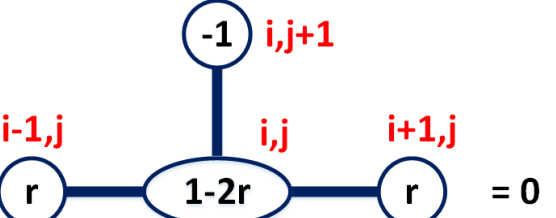
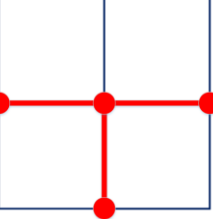
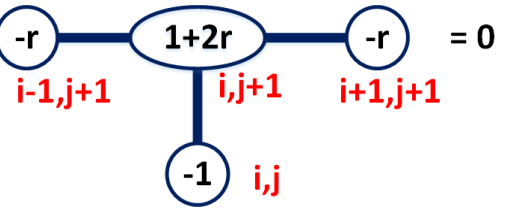


**EQUATION ELLIPTIQUE (Equation de Laplace  $\partial^2 U / \partial x^2 + \partial^2 U / \partial y^2 = 0$  ;  $\Delta x = \Delta y$ )**

Type	Maillage	Schéma de résolution
Conditions de Dirichlet		
Condition de Neumann ( $\partial U / \partial x = a$ ) ( $\partial U / \partial y = a$ )		
		
<b>EQUATION PARABOLIQUE : <math>\partial U / \partial t = c (\partial^2 U / \partial x^2)</math>  <math>\Delta x = h</math> ; <math>\Delta t = k</math> ; <math>r = c k / h^2</math></b>		
Explicite $r \leq 0.5$		
Implicite		
Crank – Nicolson	