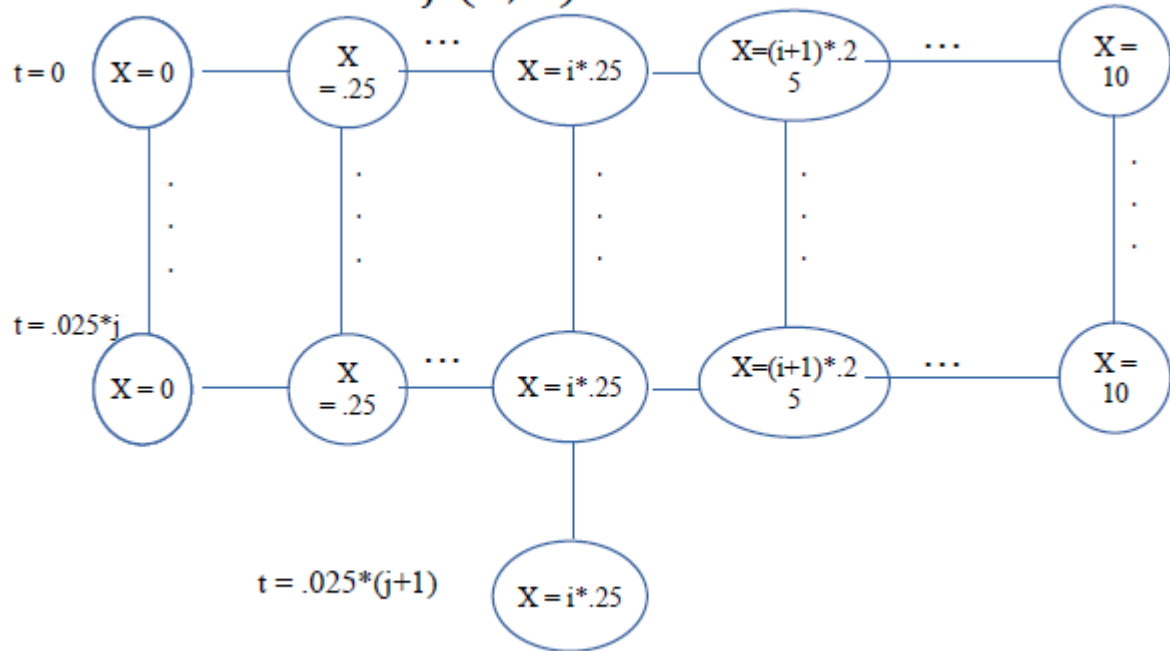


$$f(x, 0) = e^{-4(x-5)^2}$$



$$f(i,j+1) \approx f(i,j) + \Delta t * (f(i+1,j) - 2*f(i,j) + f(i-1,j)) / (\Delta x)^2$$