





$$Frequention For two dimensions, we will approximate $u(x_i, y_j, t_\ell)$ with $u_{i,j;\ell+1} = 2u_{i,j;\ell-1} + \left(\frac{c\Delta t}{h}\right)^2 \left(u_{i-1,j;\ell} + u_{i,j+1;\ell} + u_{i,j-1;\ell} + u_{i,j-1;\ell} + u_{i,j-1;\ell} + u_{i,j+1;\ell} - 4u_{i,j;\ell}\right)$$$





















































