Paso inductivo $U(n) = V_0(1 + \Delta t \alpha)^n$ $U(n+1) = U_0(1 + \Delta t \alpha)^n + \Delta t \alpha (1 + \Delta t \alpha)^n u_0$ $U(n+1) = V_0(1 + \Delta t \alpha)^n (1 + \Delta t \alpha)$ $U(n+1) = V_0(1 + \Delta t \alpha)^{n+1}$