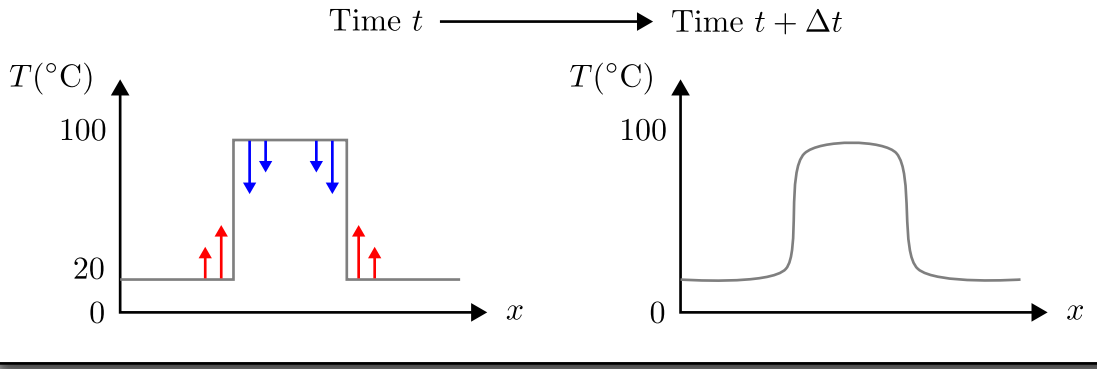


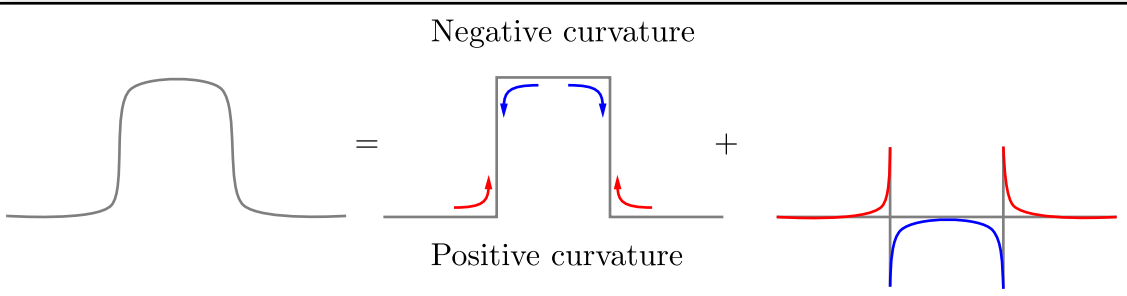


$$T(x, t + \Delta t) = T(x, t) + \alpha \frac{\partial^2 T(x,t)}{\partial x^2} \Delta t$$