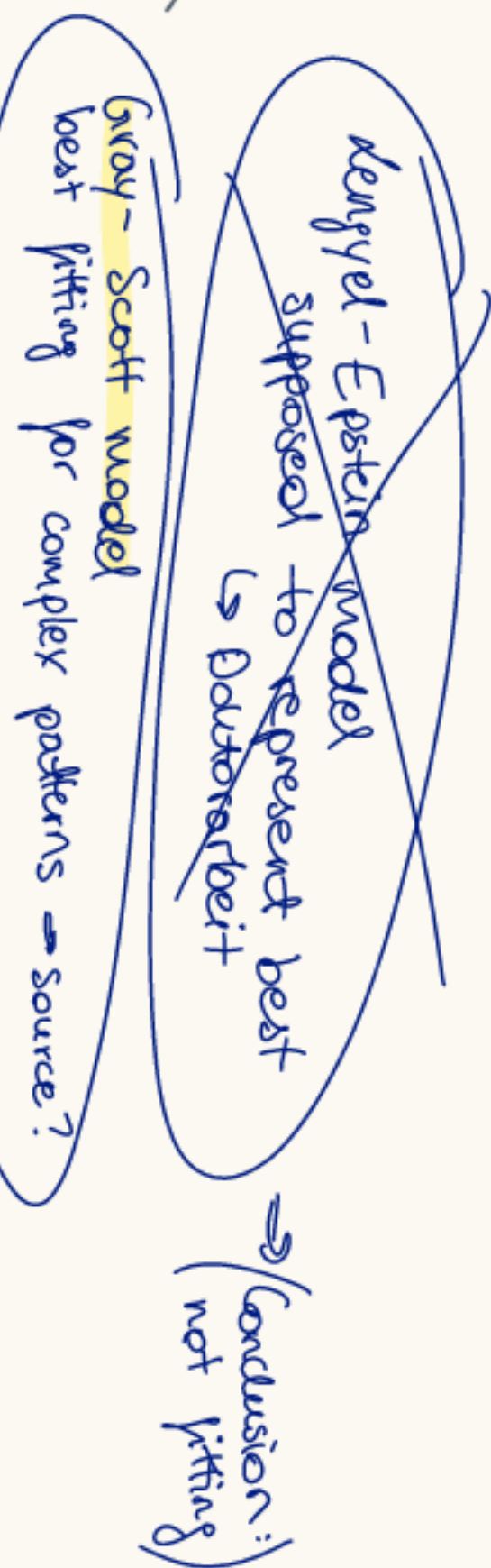
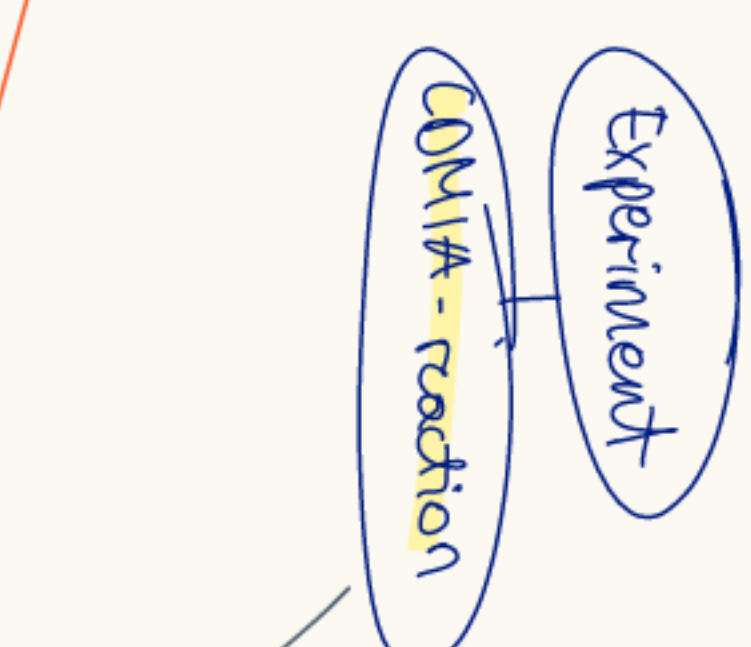
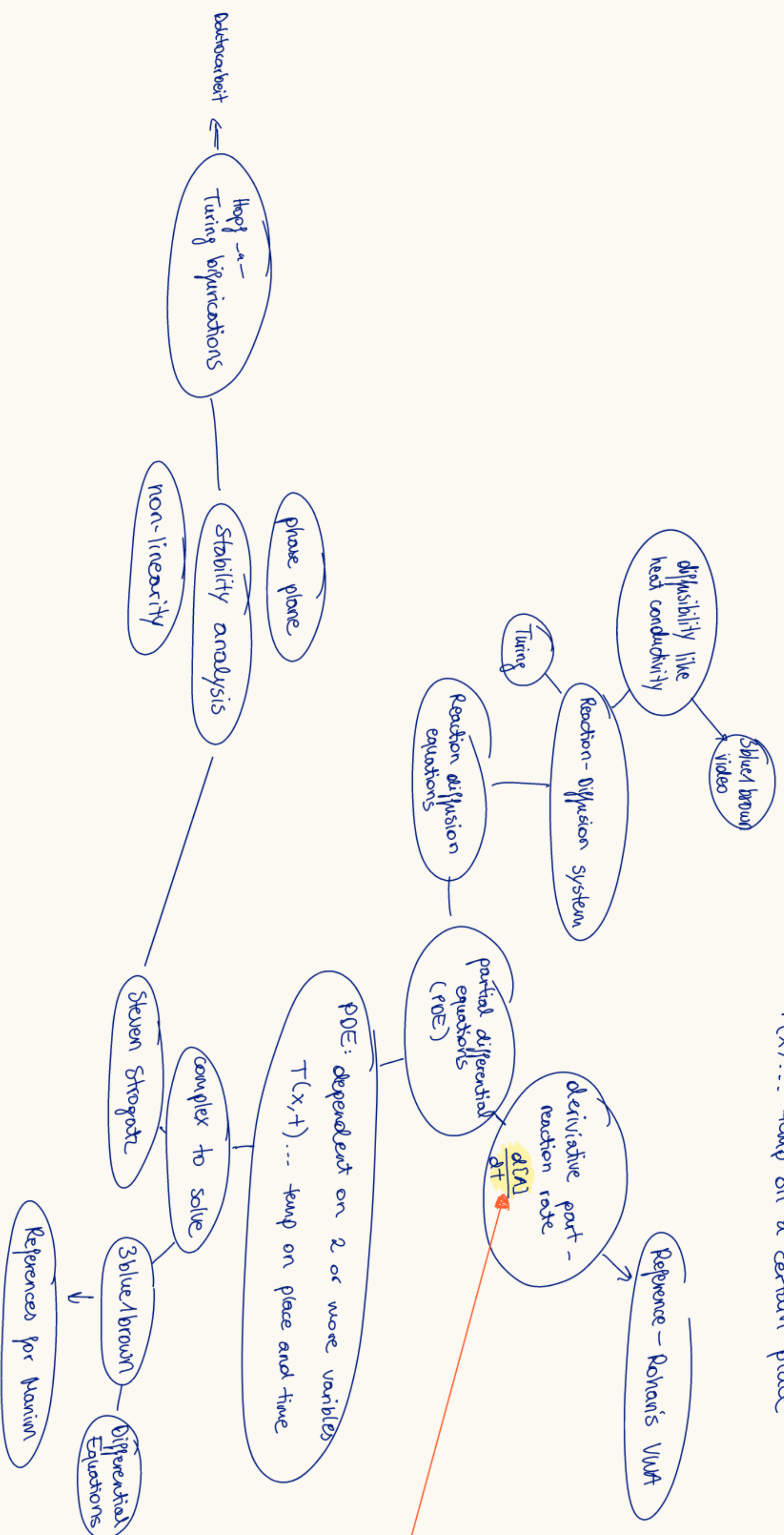
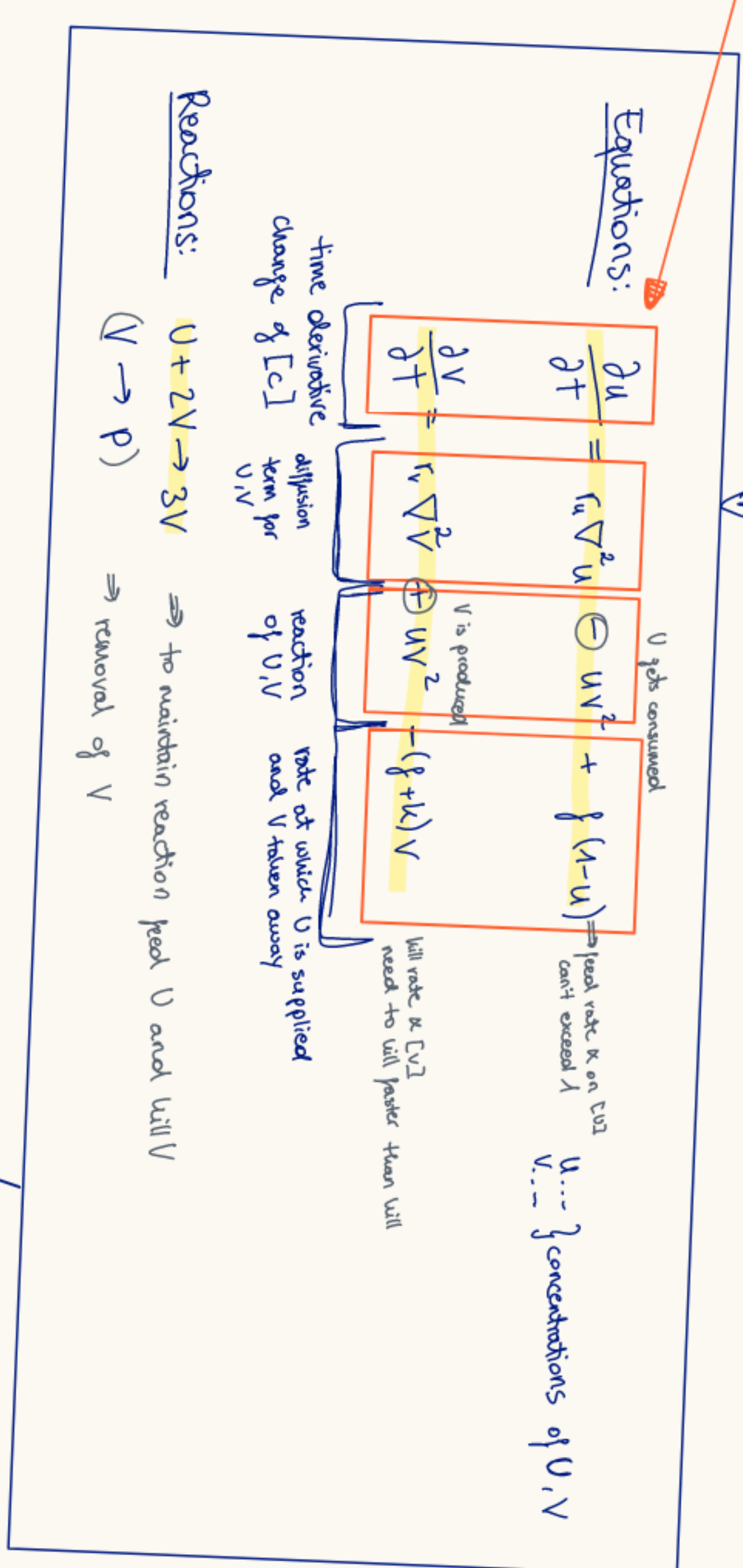


ODE: dependent on only 1 variable  
 $T(x)$ ... temp on a certain place



still used in many courses it studies → showed



Reaction-Diffusion equ.:  $\partial q = D \nabla^2 q + R(q)$

$q(x,t)$ ... unknown vector function  
 $D$ ... diagonal matrix of diffusion coefficients  
 $R$ ... accounts for all local reactions

