





3.3) En multipliant l'EDP par 
$$\frac{\partial \bar{u}}{\partial t}$$
,  $mq: \int_{\mathbb{R}} \left( \frac{\partial u}{\partial t^2} + V |u|^2 \right) dz = cd$ 

Cha:  $\int_{\mathbb{R}} \left( \frac{\partial u}{\partial t} + \frac{\partial \bar{u}}{\partial t} + \frac{\partial \bar{u$