Integration  $peo(\widetilde{\omega}) = \omega e$   $\frac{\partial \widetilde{\omega}}{\partial t} = -1e^{-t}\omega + e^{-t}\frac{\partial \omega}{\partial t}$ => Dw de dt ~ dt Dw dt dw dt dw dt e to die + de w = F(w) + de e  $e^{dt} \frac{\partial \widetilde{\omega}}{\partial t} = F(\omega)$   $\Rightarrow \frac{\partial \widetilde{\omega}}{\partial t} = e^{-dt} F(\omega)$  $\widetilde{\omega}(t+olt) = \int_{-\infty}^{\infty} e^{-tt'} F(\omega(t')) dt'$  $\omega$  (w)  $e^{-\lambda(t+dt)}$   $\omega(t) = \int e^{-\lambda t} F(\omega(t)) dt$ Et = t-t)  $\omega$  (Hd)  $e = \omega(r) - \int e^{-dt''} \int \omega(r+t'') dt''$  $\omega(H+dH) = \omega(H) \times e + e$  | e  $F(\omega(H+H''))dH''$ Leafail de l'integrale depont du shoma allins:  $\omega(t+dt) = \omega(t) = e + e$   $3 \in F(\omega(t+0))$  1 + e 2 + e  $3 \in F(\omega(t+0))$  1 + e  $3 \in F(\omega(t+0))$  1 + e 1 + e 2 + e  $3 \in F(\omega(t+0))$  2 + e 4 + e