Resonator Drive Pulse

@ Kanillanon Mcc.

$$\frac{1}{1000} = \frac{1}{1000} = \frac{$$

 $= (m^{-}m^{-}m^{-})\alpha^{\dagger}\alpha + P \frac{(He_{sim^{+}})\alpha_{+} + (He_{sim^{+}})\alpha_{-}}{(He_{sim^{+}})\alpha_{+} + (He_{sim^{+}})\alpha_{-}} \approx (m^{-}m^{-}m^{-})\alpha_{+}\alpha_{+} + P \frac{s}{\alpha^{+}}$ $= (m^{-}m^{-}m^{-})\alpha_{+}\alpha_{+} + P \frac{s}{\alpha^{+}} = (m^{-}m^{-}m^{-})\alpha_{+}\alpha_{+} + P \frac{s}$

@ Steady State

$$\dot{Q} = f([h, \alpha]) = f([w_r - w_{r,n}]) \underbrace{(abac - cost \alpha)}_{-\alpha} + f([a^t, \alpha]) \underbrace{A_t}_{-\alpha}$$

$$= -\overline{(w_r - w_{r,n})} - \overline{A_t}_{-\alpha}$$

$$\int_{0}^{\infty} \int_{0}^{\infty} \int_{0$$

$$\dot{Q}=0$$
 (Aloch state) = $\Omega(9)=\Omega(9)=\Omega(9)+\Omega(9)=\dot{\Omega}(9)+\Omega(9)$

$$\Rightarrow \dot{\alpha} = \left(\left((\omega_r - \omega_{r, \alpha}) - \frac{7}{2} \right) \alpha - \frac{7}{2} (\mu_0 = 0) \right) \qquad \Rightarrow \sqrt{\alpha} = -\frac{7}{2} (\omega_r - \omega_{r, \alpha}) + \frac{7}{2}$$

$$N = (Al_{5} = \frac{(m^{4}m^{4})_{5} + (\frac{5}{2})_{5}}{(\frac{5}{8})_{5}}$$

(2) NG) time evolution

$$(0_{1}^{2}V)(\xi) = (0_{1}^{2}V)(0) = \frac{1}{2} V - \frac{1}{2}V^{2} \Rightarrow 0 = \frac{1}{2}V^{2} - \frac{1}{2}V^{2} + \frac{1}{2}V^{2}$$

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$$\mathcal{H}_{r}(h) = \sum_{n=0}^{\infty} \left[(m_{r} + m_{r}) (m_{r} + m_{r}) (m_{r}) \right] (n_{r}) = h \sum_{n=0}^{\infty} C_{r}(n_{r})$$

=) (9) = ebast-beach

 $\dot{p} = -7(H,p) + 3(0pat - \frac{1}{2}atap - \frac{1}{2}patar)$ at noteting theme = -((M-mm) (ofal-lata) -(= (al-latate-lat) +) (alat - = atal- = lata) = [-(Wr-Wrd) - 2] stap + [(Wr-Wrd) - 2] pata + + a pat - 7 % (aptatp - par-pat) =0 at Steady State b= (2xx/ =18 obx = 0/2> (2/0/= /2/12x2) $C_{1} = -\frac{((m^{2}-m^{2})+\frac{2}{2})}{\frac{2}{2}(\mu^{2})} = \frac{(m^{2}m^{2})+\frac{2}{2}}{\frac{2}{2}(\mu^{2})}$ $\alpha_t \alpha b = \alpha_t \alpha (\lambda k \lambda) = \alpha \alpha_t (\lambda k \lambda) = \alpha \alpha_t k$ $|a^{\dagger} \alpha = |\alpha \times \alpha| |\alpha \times \alpha| |\alpha = \alpha^* |\alpha \times \alpha|$ Hal, - - (atax)

ap= alaxal = alaxal = ab =0 e/28 /(tra) = (9X91) In = (x x x (of = xx (axx = xx)