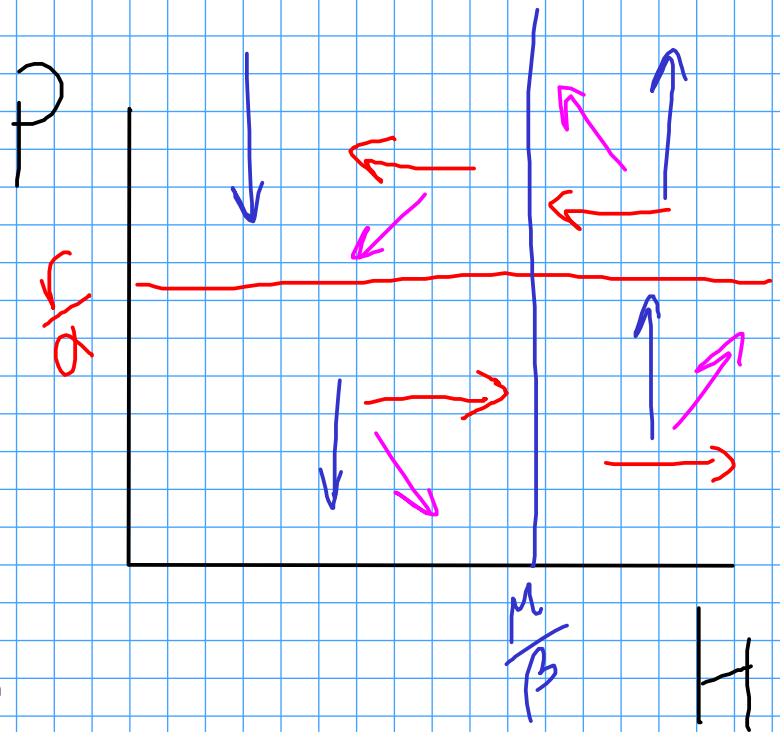
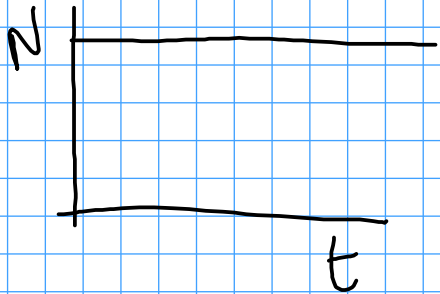


$$\frac{dN}{dt} = 0$$



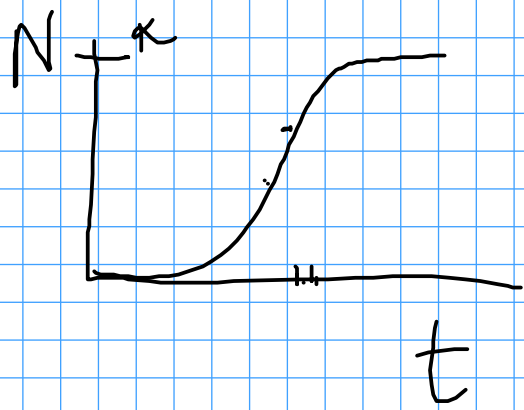
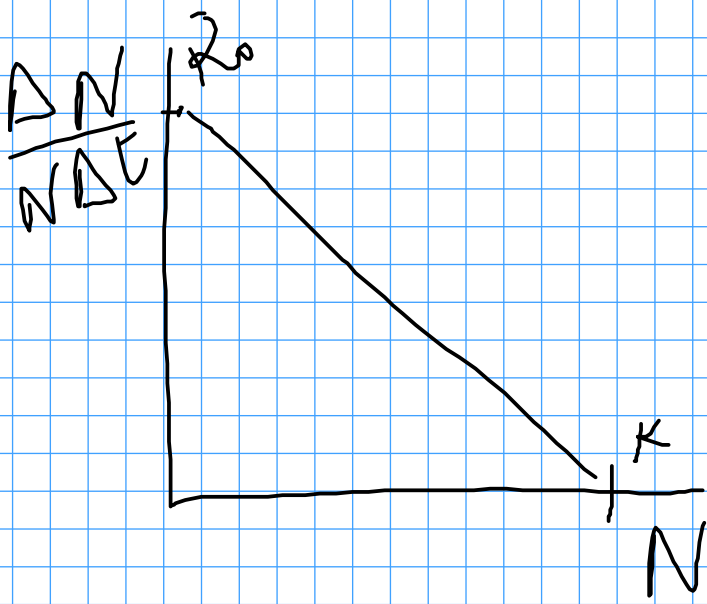
$$\frac{dH}{dt} = rH - \alpha PH = 0$$

$$rH = \alpha PH$$

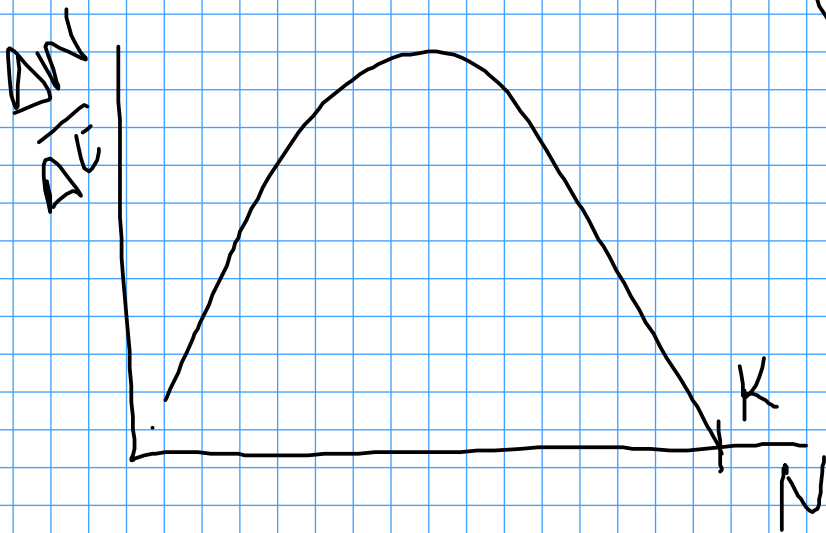
$$P = \frac{r}{\alpha}$$

$$\frac{dP}{dt} = \beta PH - \mu P = 0$$

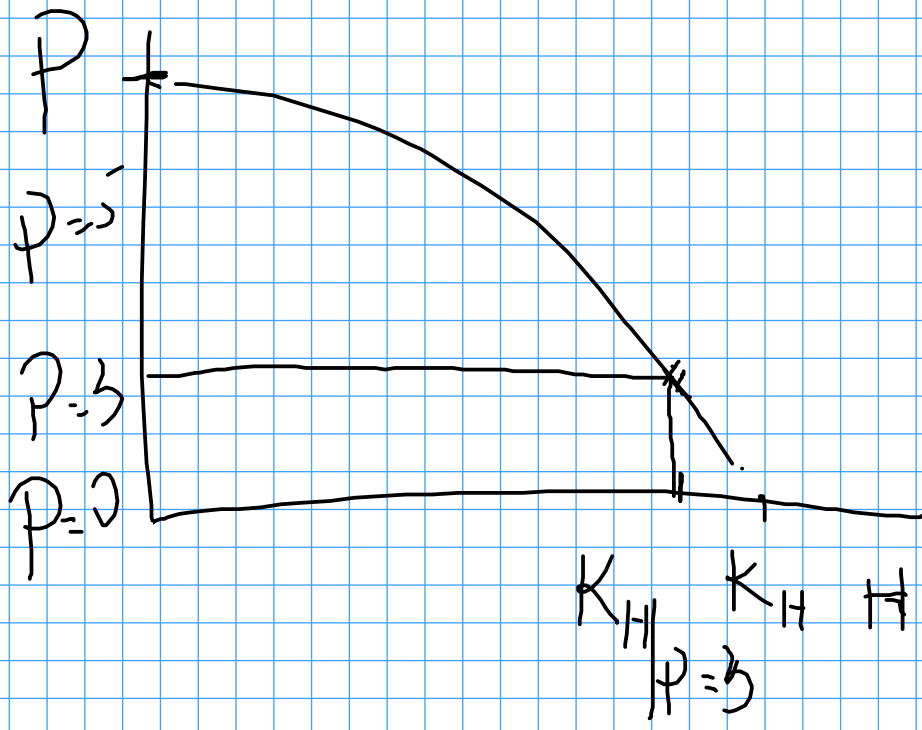
$$\beta H = \mu \quad H = \frac{\mu}{\beta}$$



$$R_0 \left( 1 - \frac{N}{K} \right)$$



$$\frac{dH}{dt} = r \left( 1 - \frac{H}{K} \right) H - aPH$$



P	H
0	$K_H$
$\infty$	0
$\uparrow$	0