~~on payments~~

$$B(D) = A(L)$$

$$L = qD$$

No 1 $\quad B(D) = A(qD) \; ; \; \boxed{q = 0.4}$

a.) "Poison" = D

b.) $P_x \; ; \; x_0$

$P_y \; ; \; y_0$

B. $x_0 + y_0 = D$

c.) x_0/y_0 independent of D

d.) $B = f(x+y)$

$$x_0 = qD$$

$$B(D) = A(qD)$$

No 2 $\quad \dfrac{dy}{dt} = -\alpha y$

$$L = x_0 + \underbrace{(D - x_0)}_{\text{Const } x} e^{-\alpha t}$$

No 3 $\quad \ln (L - L_\infty) = \text{Const} - \alpha t$

~~$N(D) = M(qD) \quad q = 0.31$~~

~~$B(D) = A(qD) \quad q = 0.35$~~

$N_4(D) = M(m_4 D) \; ; \; N_6(D) = M_6(m_6 D) \; ; \; N_1(D) = M_1(m_1 D)$

$B(D) = A(qD) \quad m_4 = 0.30 \; ; \; m_6 = 0.30 \; ; \; m_1 = 0.32$

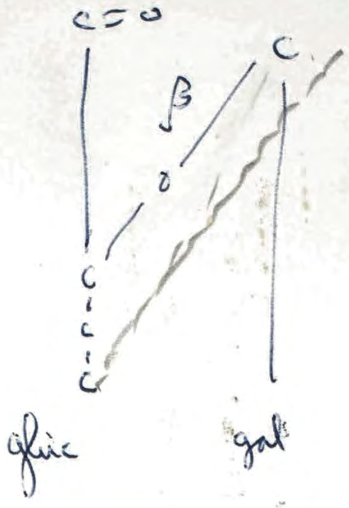
$q = 0.35 \quad m_4 = m_6 = m_1 = q$

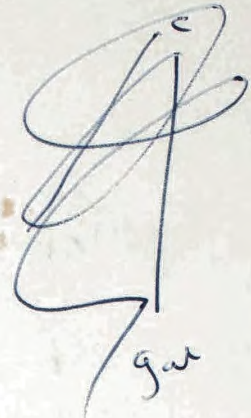
$$W_1 = A T_1 W_1 + B f(T_1)$$

$$W_2 = A T_2 W_2 + B f(T_2) = \text{[illegible]}$$

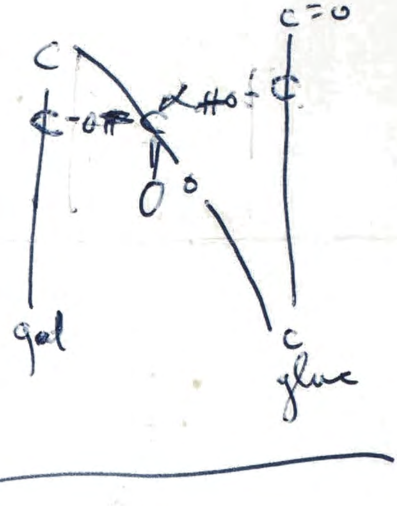
$$W_1 + \Delta W = (W_1 + \Delta W) =$$

$$\frac{1}{N}\frac{dN}{dt} = \alpha \qquad N = e^{-\alpha t}$$





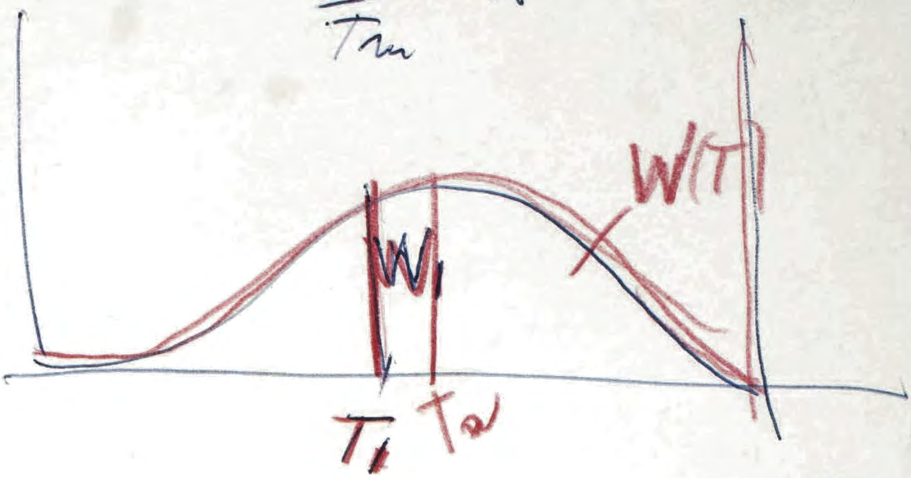
lactosa



mel

$$W_1 = \frac{T_1}{T_m} W_1 \varepsilon_a + \varepsilon_B e^{-\alpha T_1}$$

$$\frac{\varepsilon_a}{T_m} = A \qquad \varepsilon_b = B$$



$$W_1 = A T_1 W_1 + B e^{-\alpha T_1}$$

$$W_2 =$$

$$W_1 + dW = A\,T\,W + A(t)$$

$$+ A T \Delta W + B \Delta \frac{f}{dT} \Delta T$$

Dr. Rose
Dr Herb. Carter }

[back]

$$y = \frac{Be^{-\alpha T}}{1 - ATe^{-\beta T}}$$

$$\frac{1}{y}\, y' = \frac{-\alpha B e^{-\alpha t}}{1 - ATe^{-\beta T}} - \frac{Be^{-\alpha T}}{(1-ATe^{-\beta T})^2}\left(-Ae^{-\beta T} + \beta ATe^{-\beta T}\right) \Big| 1 - ATe^{-\beta T}$$

$$\ln y = \ln B - \alpha T - \ln(1 - ATe^{-\beta T})$$

$$\ln y' = -\alpha + \frac{1}{1-ATe^{-\beta T}} \cdot \left(+Ae^{-\beta T} - \beta ATe^{-\beta T}\right)$$

$$= -\alpha + \frac{Ae^{-\beta T}}{1 - ATe^{-\beta T}}(1 - \beta T)$$

$$\frac{A}{e^{\beta T} - AT}$$

$\frac{1}{}$

$\frac{1}{\ }$ 2

$1 \times$