Igaburene mojn , 315

$$N = N \left[ 2(1 - \frac{N}{K}) - \frac{LD}{ND} \right]$$
 $P = SP(1 - \frac{MP}{N})$ 
 $N = \frac{hD^2}{k}u$ ;  $P = \frac{D^2}{k}v$ ;  $t = \frac{1}{k}T$ 

Odegrazinguebaem:

 $\hat{U} = U[1 - \alpha u - \frac{U}{1 - \beta u}]$ 
 $\hat{V} = CV(1 - \frac{U}{u})$ 

Squu  $\alpha = \frac{hD^2}{kK}$ ;  $\beta = \frac{h^2}{k}$ ;  $C_2 = \frac{S}{2}$ ;  $\alpha_1 \beta_1 < 90$ 

I resonance patrokene:  $\int_{1-\frac{U}{u}}^{1-\alpha u} \frac{v}{v} dv = 0$ 
 $V = 0$ 

I  $V = 0$ 
 $V = 0$ 

 $v^{*} = u^{*} = \frac{-(\alpha - 6 + 1) + \sqrt{(\alpha - 6 + 1)^{2} + 4\alpha 8^{7}}}{2\alpha 6} = 9$ 

$$\frac{\partial f}{\partial u} = 1 - au - \frac{v}{(1+6u)^2} - au + \frac{6vu}{(1+6u)^2}$$

$$\frac{\partial f}{\partial u} = -\frac{u}{1+6u} - \frac{v}{1+6u} - \frac{6vu}{(1+6u)^2}$$

$$\frac{df_{1}}{\partial v} = -\frac{u}{1+8u}$$

$$\frac{df_{2}}{\partial u} = \frac{cv^{2}}{u^{2}}$$

$$\frac{\partial u}{\partial v} = c - \frac{2cv}{u} \qquad \text{Tr} \int_{A_1} \left[ c - 1 \right] det \int_{A_1} \left[ c - 1 \right] det \int_{A_2} \left[ c - 1 \right] det \int_{A_1} \left[ c - 1 \right] det \int_{A_2} \left[ c - 1$$

$$\frac{f_{2}}{J} = C - \frac{2CV}{U} \qquad \text{Tr} J|_{A_{1}} = C - 1 ; det J|_{A_{1}} = -C = 1 \text{ cegeo}$$

$$J|_{A_{2}} = \left(\frac{-aq}{(1+6q)^{2}} + \frac{6q^{2}}{(1+6q)^{2}} - \frac{q}{1+6q}\right) \qquad \text{Tr} J|_{A_{2}} = -C - aq + \frac{6q^{2}}{(1+1q)^{2}}$$

$$C = -C$$

$$\int_{a}^{b} |f_{2}|^{2} = Cq\left(\alpha - \frac{bq}{(1+bq)^{2}} + \frac{1}{1+bq}\right) = Cq\left(\alpha + \frac{1}{(1+bq)^{2}}\right) > 0 \text{ keega.} = 0$$

Kapuryen Kapirunny u necustymu, & nomin adiactes 4 hyga un noegen! 1 =0 (=> \ \( \mathbb{U} = \text{0} \) \( \mathbb{U} = \te represent à u V=0(2) V=U was fugue, orefugy egen whem to Pint R+ Der Regiun Genginen - Ryamopi brugianin Tpalatopiro of A, a recurrence non reeger (no experience). Torga emble, Oup. A, B, B, B, B, A, Syget recommence autopronone. Eur Tr J/2 >0, no neger not pole => U Syget expenses one unbapuantre => 1 adharen x1 b, Bz b, Byx, \V Lyger zonen thouse open to TEN