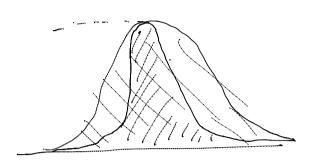
Thursday, April 15, 2021 4:57 PM Vakcine (Lotra-Voltera)

Autitela -> gracywac G

Vikus -> pleu -> P

Coveka _ trava



Farmeri (narod)

 \times

panditi (matija)

 \forall

Wast (policita)

7

- Pocuditi teroviso F, a V oporezije F

- V pri B i pogulai Th

- B: V nouves berogno l'agrage à bonte

$$x' = r \cdot x(1 - \frac{x}{k}) - R \cdot xz - \frac{\alpha x}{b + x} \cdot \gamma$$

$$Y' = e \frac{a \times Y}{b + X}$$

 $2' = f. \frac{a \times}{b + x} \cdot \gamma - g. 2$

X velico -> a

X To olow X

t=0: b (dota leka)

20(4) = 6. P

, K-5/0 pa raspada spec. leka

£* - viene potre Evo da se raspadue 1 do 20

 $x(t^*) = \frac{b}{2} = b \cdot e^{-t^*k}$ 1 = 0 tk ent = -tk t* = <u>w</u>2

Dodatua doza (6) dago so un svalit I vrem. jed.

t=T: $x(T) = b \cdot e^{kT} + b$

Xo- Koucoutracija leka u telu u tremtru kada & daje To John to

x, - 11 _ Todoza

x0=p ' X1=x0.6+p

Mokou 705 J vremena damo III do 20:

X2=X1-e-15+6

Hakon 100 (nAM). J vremena demo n-h dozu

Xn= 20-1. e + b

Xu+1 = Xu. e + b

$$K_{1} = courst \Rightarrow e^{ixs} = coust$$
, $Q = e^{ixs}$
 $X_{uni} = a \cdot x_{u} + b$
 $E_{1} = courst \Rightarrow e^{ixs} = coust$, $Q = e^{ixs}$
 $E_{2} = a \cdot x_{u} + b$
 $E_{3} = a \cdot x_{u} + b$
 $E_{4} = a \cdot x_{u} + a$
 $E_{4} = a \cdot x_{$

Romas 2 Julia

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Run= a.Rn+b.Jn Jun= c.Rn+dJn lru.
Sistem Jo
Lef. Ro

070,670. aco,670

[Run] = [a &]. [Ru]
[Jun] = [c d]. [Ju]

#1) tylou savisi iskupino od ang drugog (a=d=0) H=[26]

> Run = bJu => Ru = bJu-1 Jun = CRM

Ro dato

Jun = C. (6Jun)

Jun - cb Ju-1 = 0

x² - cb=0 => >1,2=±1cb, c,b≥0

Jn = C1.71 + C2-72 = C1 (VCb) + C2 (-VCb)

Jo, J,=c.Ro

N=0: Jo = a. 3, + c2. 72 = a+c2

1 Tolo

N=(:]=c.Ro= C. (10b) + C2 (-10b)

Jo- 100 = 0,100 + 0,100

C-Ro = C1/C6 - C2/C6

Joleb + C. Ro = 2 a leb = 1 a = 2 leb

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$$C_2 = J_0 - C_1 = \frac{2\sqrt{cb} J_0 - J_0\sqrt{cb} - cR_0}{2\sqrt{cb}}$$
 $C_2 = \frac{J_0\sqrt{co} - cR_0}{2\sqrt{cb}}$
 $C_2 = \frac{J_0\sqrt{co} - cR_0}{2\sqrt{cb}}$
 $C_3 = \frac{J_0\sqrt{co} - cR_0}{2\sqrt{cb}}$
 $C_4 = \frac{J_0\sqrt{cb} - cR_0}{2\sqrt{cb}}$
 $C_5 = \frac{J_0\sqrt{cb} - cR_0}{2\sqrt{cb}}$
 $C_6 = \frac{J_0\sqrt{cb} - cR_0}{2\sqrt{cb}}$
 $C_7 = \frac{J_0\sqrt{$