$$8 = \frac{R}{8} \left(1 - \left(\frac{R}{8} - \frac{3D}{3} - \frac{6D}{6D} \right) \right)$$

$$8 = \frac{R}{8} \left(\frac{R}{8} - 0 - 0 + \frac{1}{8} \right)$$

$$9 = \frac{R}{8} + \frac{3}{32}$$

$$9 = \frac{R}{8} + \frac{3}{32}$$

$$9 = \frac{R}{8} + \frac{3}{32}$$

$$9 = \frac{R}{9} + \frac{3}{92}$$

$$9 = \frac{R}{9} + \frac{3}{9}$$

$$9 = \frac{1}{9} + \frac{3}{9} + \frac$$

- control the therese by Expredence

Lot x= t; t= logx; dx t dy - to dy - t 38=80 + (8 4 (8) 3) per 9=c,(e+1)+(2) + (2) (e+1) (e+1)+ (4) (e+1) (e+1)+1 吸(地)((中))-2((中)) + + + + + + ((中)) + 5 ~~~ ((中)) ((中)) ((中)) t -> lag(Qet)

(R+1) 8"-2 (R+1) 8- 12"

Lot eet) be X

(D-40+4) 9 - (ex-1) 1- (1-2) (0,0)-(08-20) (03-30-60) + (40-40) + (40-40) + (5-40) + (40-40) + (40-40) 9-4- 4-4 + 4-1- (x-1)-

por non- homograms aguation, by mathead of constation of parameters.

B=1; A=-1, C=1 (6) (03+202-20-2) 4= exter

(5) Let & be the population of bactoria at timet, inliar by(e) = ef-e, Lage + Lag | +e e] - - Baj | +e e] Springhor ou (FF) } Ant 18 th of the form of the fact of the fact

Jak = Klat . (1960) =

population 86 = 300.

at t=12he, R=R6= 300×20 +300, R11=360 8-8 40(80) = K(12) +40(800) with a workers grand grand

me = un(\(\frac{1}{2}\)) + un(\(\frac{1}{2}\)) m & = 4(() +x800) 小田二山小(を)×1000) R=(E) x800} (8=62) 08 大日子女の

1-11-1010011-10

9hore = C1 & + C2 & + C3 & water sucressing homogeness agustion 4" +24"-9'-24=eR+BE (m-1) (m+1)(m+2) =0 か3+2かーカーユ=0 9" +2y"-91-24=0

non-homogeneous agrication

8" +28"-8'-24 = a 8+82 Frial solution is ARE + BR+ (R+D= y 38 468 - 3 8 - 3 8 - 3 8

+ & (e+ On+ (0+) & - & (+ 00)

8 (80) (40) - 8 (400)

8 = 1(0.0) 8 - 2° 4)

28 - 3 - 8 (8+0)

(040) 8-90 83 25 c

3 (50+B) \$ -(50-1)8=

(18-C-20) = 0 + RE (A+2A-A-2A) + RE (-28-2C) + RE(-20)+ by comparing noefficients

6A=1; [A=1] -28=1; [B=-1/2] 6Aet+0+8(-28-20)+87(-28)+18-0-20=0+87

-28-2C=0; C=1/2); 48-C-20=0; 0=-5/4

The population of the bound 8 of the 2 days would be 62% * prostores + (Degrapes Complete solution? 9= (2R+C32+C32+C32+1Re-1R+1R-5

 $(50+4) = -\frac{1}{2} + \frac{1}{2} + \frac{1}$ (20+4) y -(20+1) 3 = -0 158 +128-2811-176-84-38-81+5-501 conditions (D+8)4 -50-83 3= 3(0+8) 8-50 2,428,-2,-38-0

= \$ (0+8) (4-8+62-00-42-00) -5-00 -5-00 (4-00)

trial solution be 8= Ace 9 5= Ace 18 = Ace 1

Complete solution? (1 ex + c, a + 2 ex 1-4 (AZE) - 7 (AZ) = 2 de de la guragno (1)

[H=2]

Let $(R_{c})^{2}$ Let $(R_{c}$ (82-) (Em (m-) ame m-2) + & (Emano m-1) - Eame - 0 $\frac{2}{2} \left(m \right) \left(m \right) - 2 \left(m + 2 \right) \left(m + 2 \right) \left(m + 2 \right)$ $\frac{2}{2} \left(m \right) \left(m - 1 \right) - 2 \left(m + 2 \right) \left(m + 2 \right)$ $\frac{2}{2} \left(m \right) \left(m - 1 \right) - 2 \left(m + 2 \right) \left(m + 2 \right)$ $\frac{2}{2} \left(m \right) \left(m - 1 \right) - 2 \left(m + 2 \right) \left(m + 2 \right)$ $\frac{2}{2} \left(m \right) \left(m - 1 \right) - 2 \left(m + 2 \right) \left(m + 2 \right)$ $\frac{2}{2} \left(m \right) \left(m - 1 \right) - 2 \left(m + 2 \right) \left(m + 2 \right)$ $\frac{2}{2} \left(m \right) \left(m - 1 \right) - 2 \left(m + 2 \right) \left(m + 2 \right)$ $\frac{2}{2} \left(m \right) \left(m - 1 \right) - 2 \left(m + 2 \right)$ $\frac{2}{2} \left(m \right) \left(m - 1 \right) - 2 \left(m + 2 \right)$ $\frac{2}{2} \left(m \right) \left(m - 1 \right) - 2 \left(m + 2 \right)$ $\frac{2}{2} \left(m \right) \left(m - 1 \right) - 2 \left(m + 2 \right)$ $\frac{2}{2} \left(m \right) \left(m - 1 \right) - 2 \left(m + 2 \right)$ $\frac{2}{2} \left(m \right) \left(m - 1 \right) - 2 \left(m - 2 \right)$ $\frac{2}{2} \left(m \right) \left(m - 1 \right) - 2 \left(m - 2 \right)$ $\frac{2}{2} \left(m \right) \left(m - 1 \right) - 2 \left(m - 2 \right)$ $\frac{2}{2} \left(m \right) \left(m - 1 \right) - 2 \left(m - 2 \right)$ $\frac{2}{2} \left(m - 2 \right) - 2 \left(m - 2 \right)$ $\frac{2}{2} \left(m - 2 \right) - 2 \left(m - 2 \right)$ $\frac{2}{2} \left(m - 2 \right) - 2 \left(m - 2 \right)$ $\frac{2}{2} \left(m - 2 \right) - 2 \left(m - 2 \right)$ $\frac{2}{2} \left(m - 2 \right) - 2 \left(m - 2 \right)$ $\frac{2}{2} \left(m - 2 \right) - 2 \left(m - 2 \right)$ $\frac{2}{2} \left(m - 2 \right) - 2 \left(m - 2 \right)$ $\frac{2}{2} \left(m - 2 \right) - 2 \left(m - 2 \right)$ $\frac{2}{2} \left(m - 2 \right) - 2 \left(m - 2 \right)$ $\frac{2}{2} \left(m - 2 \right) - 2 \left(m -$

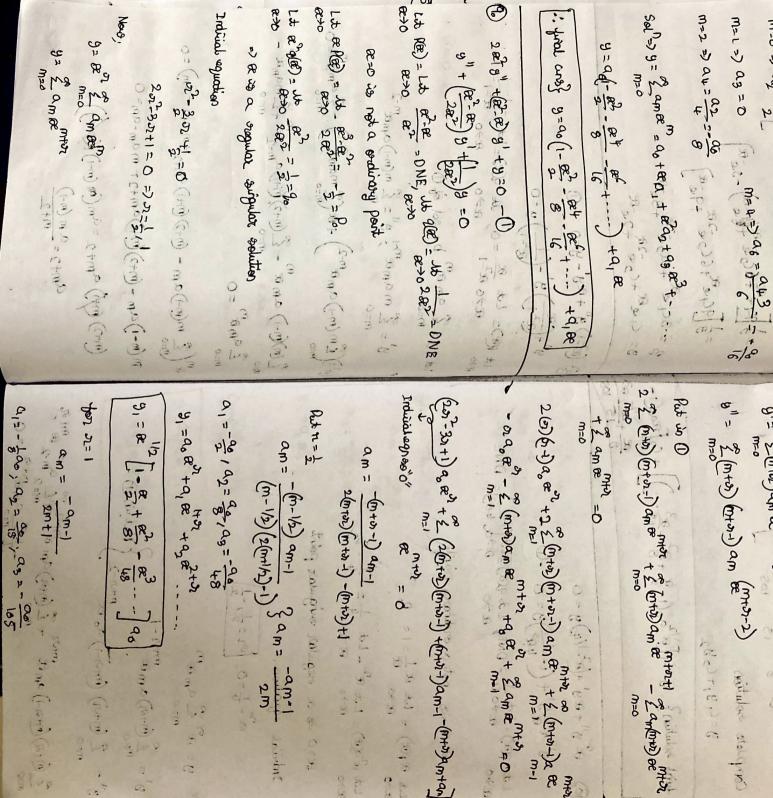
B (2 m(m+) am - (m+2) (m+1) am+2+m am -am) =0

(8) (82-1) 8". + RR y' - 4-0 - 1 - 1 - 1) 00-8 - (8-20) (8) 9" + (R2-1) 5' - (2-1) y = 0

m (m-1) am - (m+2) (m+1) am+2+ m am-am=0 (m+2) (m+2 = am (a (m-1) (m+1))

am+2 = a m (m-1)

Easidulas staligio



m20 => 02 = -00 (m=8=) 00 5.00

mitules statepers

