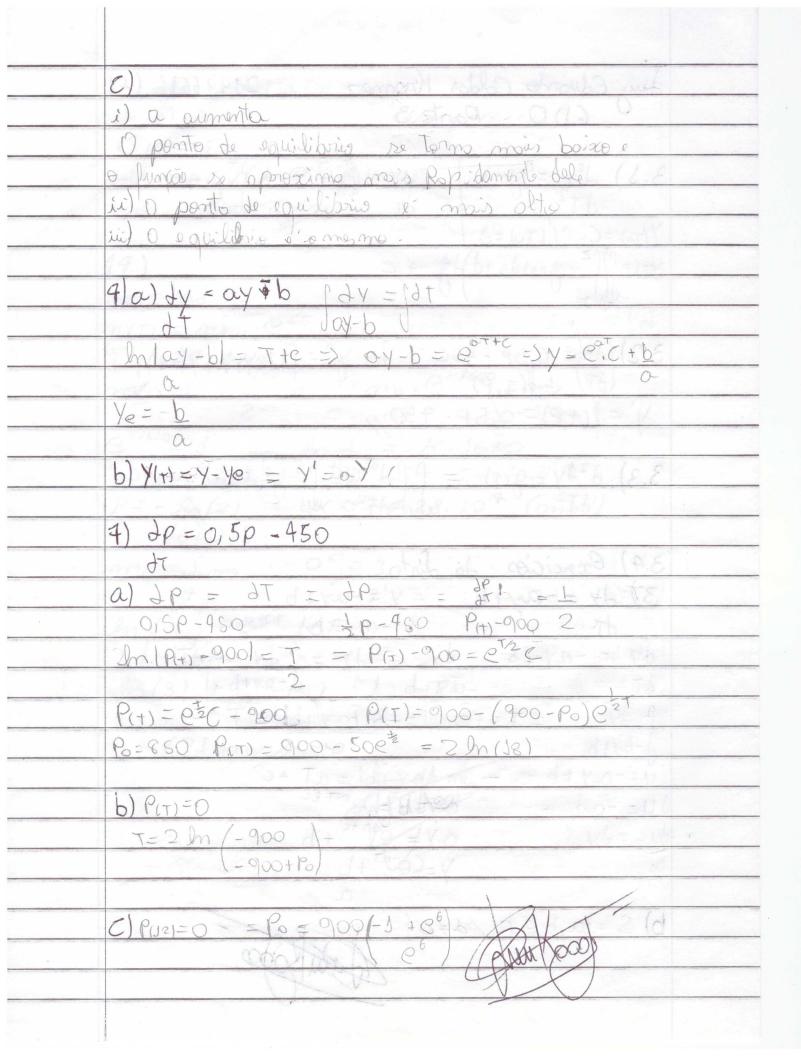
| 9 | uiz Eduardo Colobs Kromer 2599665 EDO Parte 3 |
|-----|--|
| | EDD Parte 3 |
| | Un brilled Thomas open Wear Principal Case of retried 9 |
| 3 | $\frac{dy}{dt} = \frac{1}{2} $ |
| | |
| Y | (To) = C 1'(TO) = d |
| 1/- | T) = (() = () ds + d) d3 + C |
| | 10 to |
| | White I have the the the the |
| 3 | .2) de= 0,5p-450 / y= P(+ y, y' y", y(n-s) |
| | 2) (2) = 0,5p-450 yn=p(t,y,y',y',y',y',y') |
| | y'= (+,P)=0,SP-950/ |
| | |
| 3 | (3) $\frac{\partial^2 y}{\partial T^2} = g(t) = \int_{-1}^{1} \frac{\partial^2 y}{\partial T^2} \int_{-1}^{2} g T dt dt + C dt C dt$ |
| | dT^2 $JJdT^2$ JJ |
| | 4) 40=0.50-450 |
| 3. | 4) Exercicios do Sisto b) $dy = -ay + b = y' = -ay + b$ |
| 3 | $\frac{1}{2} \frac{dy}{dy} = -\frac{\alpha y}{4b} = \frac{y}{2} - \frac{\alpha y}{4b} = \frac{1}{2} 1$ |
| | dT $y'-ay=b$ |
| 9 | W = -ay + b = dy = dt = [dy =] dt |
| 9 | T-ayth d-ayth (|
| 1) | dy = T + C = = Intay + bl = T + C |
| - 0 | -ey+b |
| V | 1=-aytb = - lm-ay+b = aT+c |
| 190 | 1=-ady- 0-47b= e |
| _ | $= \frac{\partial}{\partial x} + \frac{\partial}{\partial y} = \frac{\partial}{\partial y} + \frac{\partial}{\partial y} = $ |
| a | y=(e-a+b |
| | 0/ |
| (b) | S= 10,6 ER/d+01 |
| | A STUTY OF THE STATE OF THE STA |
| | |



| $\log N = \alpha \Rightarrow N = x^{\alpha}$ |
|--|
| 8) a) dP = nP (dP = DT) |
| O STO PORT JOP J |
| In InPI=T U=AP |
| du=ndp |
| TP=PTT+C P=CPT |
| P(30)=2P & Proj=C => 2P = Pe307 |
| $30\pi = \ln 2$ $n = \ln 2$ |
| 130// |
| b) P(n) = 2p P = P(0) ent =) 2P = Penr |
| 77= Jn2 11= 11 11 11 11 11 11 11 11 11 11 11 11 |
| Wednesd College Design of Character College Design of College Desi |
| 9) 20 = 9,8 - 4 00=0 |
| dT 5 1. N = 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 |
| dz=(9,8- ¹)dT= d5 = 1-5d+ |
| (V-5), 9,8 J S (S) S N |
| |
| $lm(N-S).9,8=-3+C=1(N-S)9,8=e^{-3}C$ |
| 7=Ce=2 +99 |
| 0,98.49 = 490 = 1.0,98 = 5-0-6 |
| T=19,56% |
| 6) V= 2 d=V.T , d=49m. 19,56 = 958,94m |
| The state of the s |
| 12) da = - na T- 1620 ones |
| AT I SEE THE S |
| 1 toxo de docs nêmo = lentel one |
| 1600 |
| Q17) = Q(0) (=0,00043=1) e + = 3 Quillog |
| 9 40 |
| $-\pi_1 T = \ln(\frac{3}{4}) \Rightarrow T = 672.36 \text{ ones}$ |
| (4) |
| |
| |
| |

| | 13) de = # arb = 96 96 1018 |
|--|--|
| | 13) |
| | O(0) = O |
| | Q(T) = CV(J-C-TCR) |
| | $T \to \infty \qquad Q_L = CV_{f}$ |
| | 10 1 10 10 10 10 10 10 10 10 10 10 10 10 |
| | 14) |
| | $m(0) = M_0$ |
| | $m(\tau) = m(0) \cdot QKT$ |
| | 7-1620 mos |
| -74 | m(1620) = 1 mo -> mo, C 1820 = mo |
| | 1 /2 = 1 2 0=(0) D Y - 1 P = DO 1P |
| 1 | ex1620 = 1 => ln! = K. 1620 To |
| | 161 You - 5 th Celey - 27 6 = -761 - 300 = 365 |
| | K=-In(2) K ~ - 4,28, 10 4. (ono.) |
| | 14) 0/62/05/2 -450 |
| | m(1) = 3 ms QKT = 3 |
| Contraction of the Contraction | 10) 219 31 2 019 2 1/2 19 27 1 |
| | In (3) = 85 KT (= 1, 1) = 10 (24, 10) |
| Corporation of the Corporation o | 12/19/2012 1 = 1PB)-900= CANANISTEL |
| | In(3) - 2 In(2) · 1 = The |
| | Principle of the Control of the Cont |
| | T=675 ones/ |
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| | Charten Sent as a the time of the of the |
| | NATIONAL PROPERTY OF THE PROPE |
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| | |

 $\frac{15}{\sqrt{15}} \int du = -K \left(u - T \right) = Ju = -K JT$ du = PKdT -> ln/u-T/=-/T+C U-T - In Uo - T In U-T = -KT => U= T+ (U0-T) EXT UO-T a) T= (u0-1)ex-u/ como u=T+100-T1CKT e U(0) = 20°C In 0+12=0,15. TaT=6,59h 20+12 17/0-1 Rda + Q = V Ju(t) = (16t) = I ln/(1) = In/(1) = T U(t) = etpe = 2 (etpe . V /JT = CTKC CTIRC X Q = V 1. CTIRC) RC. CTRC Co = - CV Q(1) = CU(J- e-TRC b) + >0 => Q(T) = CV=Q1

