```
62.09.31. ONCC. RJ or cenunafa?
                                                                     VIA - VAP V Jue 3/16
    (A) Hanceams by reply to gue yunculpus cx. consider gus of gus ap asp Tax Taxx)
     Pennan 1x reasy
             Sz=19th 4
             1 数 = 2
        31= 17= (cory; 3m4; 0)
                                      >> gy = (100) >> gy = (000)
       1 - 14 = 1-15m4, real4:0)
       Fi= 12 - 10,0,1)
      Ty = 1 gus 1 2905 + 2915 - 291)
                                            ry = (0000)
     The = 1 9 th ( 2911 ) = 1 1.0=0
     1 = 1 = 1 g 11 | 2921 + 2911 - 2912 | =0.
     12 = 1 9" ( 2912 + 392 - (292) = 2.1-25 ) = (1)
    T-1 = 19 1 -- )=0 = F31
    \Gamma_{23}^{4} = 0 \Rightarrow \Gamma_{32}^{4}
\Gamma_{33}^{4} = 0
    Tu = 1 g22 / 8912 + 8912 - 8911 )=0.
   12 = 1 g 2 ( 34 m + (39 m) - 29 m) = With 2 12 . 21 = 1 = 121
   12 = 1 g22 / . 2922 = 0.
   T13= 131=0
   T23 = T2 = 0
   \Gamma_{33}^2 = 0.
  F3 =0
   Ny = 1/12 y + 13 v2); Ny = Ny Vg+gAP
Ding = Sti - Think
                                                      V3 V2 = 204
                                     如一种一种
3 24 29 = 329 - CH-1/4 = 324
                                     12 1/2 = 2/2 +1. 14
                                                      V3 V2 = 202
 VI TE = 200 - 1 12 . VK - 202 - 4 02
                                    8 V3 - 9 V3
                                                      V3 43 - 745
 Data = 375 - 15, -1/2 - 30/2
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$$\begin{array}{c} \Rightarrow 061 = \frac{1}{2} \left(0_{3} v_{1} + 0_{3} v_{2} \right) = \frac{0.001}{0.000} \\ v_{12} = \frac{1}{2} \left(0_{2} v_{2} + 0_{2} v_{3} \right) = \frac{1}{2} \left(\frac{0.002}{0.000} + \frac{0.001}{0.000} \right) - \frac{1}{2} v_{12} \\ v_{13} = \frac{1}{2} \left(0_{2} v_{3} + 0_{3} v_{2} \right) = \left(\frac{0.002}{0.000} + \frac{0.001}{0.000} \right) \\ v_{22} = \frac{1}{4} \left(0_{2} v_{2} + 0_{3} v_{2} \right) = \left(\frac{0.002}{0.000} + \frac{0.002}{0.000} \right) \\ v_{23} = \frac{1}{2} \left(0_{2} v_{3} + 0_{3} v_{2} \right) = \frac{1}{2} \left(\frac{0.003}{0.000} + \frac{0.002}{0.000} \right) \\ v_{33} = \frac{1}{2} \left(0_{2} v_{3} + 0_{3} v_{2} \right) = \frac{1}{2} \left(\frac{0.003}{0.000} + \frac{0.002}{0.000} \right) \\ v_{34} = v_{3} v_{3} = \frac{0.003}{0.0000} \\ v_{35} = v_{35} v_{35} = \frac{0.003}{0.00000} \end{array}$$

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(B) [4= $, le kit_1) Marin $(x, v), voj

14= $i(e^{4xt_1}) Marin $(x, v), voj

13= $2 (e kst_1) >> $\frac{x}{2} = 4 + 5 \frac{1}{2} - (x, e^{4x}) \frac{x}{2} e^{4x} = (x, e^{4x}) \frac{x}{2} e^{4x} 
                                                                                                                                                                                                                                                                                                                                                                            (ap 2)
                   Penemer you (X,t) - District = 1 kg 3, e kg t t 2, e kgt kg. p kgt) = (k, xg ; kg xg ; kg xg)
                    2) Vir = 24 = K1; Vir = 42 = Vi3 = V31 = 0
              \frac{dx_1}{K_1X_1} = \frac{dx_2}{K_2X_2} = \frac{dx_3}{K_3K_3}
                                                                                                                                    => K2 ln x = K, ln x2 + C,
                                                                                                                                                \Rightarrow \begin{cases} \chi_1^{k_2} = C_2 \cdot \chi_2^{k_1} \\ \chi_2^{k_3} = C_3 \cdot \chi_3^{k_1} \\ \chi_2^{k_3} = C_2 \cdot \chi_3^{k_2} \end{cases}
3) 1 % - BC (X2-X3)

To = Ea (X3-X2)

13 - ab (X1-X2)
                                                                                                                    9,8,0=const
                                                                                                                        Прантрии плосии ?
      Per eau: \begin{cases} x_{1}^{2} = \frac{6c}{a}(x_{2} - x_{3}) \Rightarrow a^{2}x_{1} + b^{2}x_{2} + c^{2}x_{3} = 0 \\ y_{2}^{2} = \frac{6c}{b}(y_{3} - y_{1}) \Rightarrow a^{2}x_{1} + b^{2}x_{2} + c^{2}x_{3} = 0 \end{cases}
                                                                                                                                   => a 2x1+82x2+C2x3=al => Theresofue necesse!
                                                       V3 = ab (x, -x2)
                                                                                                                                                                                                                                        102 +63, -03
1 1 1 = CX2-6x3 916,C=const
                        13 - 61, -ax2 Dou A, your glumenus chefs - no erich a
Puraue: \int x_1 = Cx_2 - 6x_3

\int x_2 = Cx_3 - 6x_3 = x_1 x_1 + x_2 x_2 + x_3 x_3 = 0

\int x_2 = Cx_3 - 6x_3 = x_4 + x_2 x_2 + x_3 x_3 = 0
                                          x3 = 6x, -ax = > (xe) + (x/2) + (x/2) = 0
                                                                                                                                                   => 62+ 1/2 + 1/32 = const. > 259
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