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01.12.21 Tynyerola kerchenerus 1.
                                                                                                                                                                Toxacla Anexcaugha 509
                       no mannominate anackour glumeres seekoneman ence lequel muguoen
                          TOMIYUUW h, za evem euna rameeni (29 =0)
                      Seculare Japany & apegrono suchulu: V1 = V(x3)
                                                                                                    + spiraciracre yenobar npu x3-0: npununariae
                                                                                                                                                           npu v3 = h - chosopuas nolognas
Решение: маниадо насте пе пр
                   THOO: 1) mugues neevanoena => div v=0 -ype nepaprobuoene
                                   1) norme reenouvernor => glumenue yera nobulunece => l =0 1x3 1 1/6
                                  3) runna roka 11 oue 04 => 1/2=1/3=0 (20 yea.)
                                4) Ni=Vi/Xi) } - The porter secuciarian byone on the property of the color centre is a spanieriose yonobus no julicus or XI.
         honuas enerma your:
           | Sai -Si-gradp + usv+12+u) graddir v 42 yr e nabae-crouce
          de polivi =0 +yp-e nepapabuoene (2) y mae neevunas nuquous => de =0 => dive =0)
       \overline{V}|_{X_3=0}=0 -yenofue phununamus na musues shamiye (3)
    Fr /x== = - pot - yenolue cholopnoit nob-re trum bentof marps werene the x= + paben busenery galaines
     Mosureplen Ab-6 (1) Ma our 0x:0x:0x:0x3
  Ma OKs: gove of over of a gand - of + (usos) + 17+ a gradidiv of of the off o
              => 0 = ggs/nd + ud2v,
                     => \sqrt{v_1} = -99900 + x_3^2 + ax_3 + 6 (65)
Ma Ox: p. 2020, 002 00 = 0 - 20 + 4. 202 + (2+ 11) gradictivi)
                  => \ \ \frac{2p}{\sqrt{2} \gamma_1} = 0 \ \ \ \( \lambda \) - U Tak no yea. Bononuaco
42 0/3: porce + 20/ 10: =-pgcold - 21 + 11 8/5 + 17+4/grad(d(N)) 12)
                       => Ob = -99e014 =>[p = -99conx3+C] (7)
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> имеен ди произвольные поетышие a, b, c, confice mapo enpegenus y spoumes y mobius 1 1/1/2000 The  $\int v_1 = -\frac{gg \sin d}{g\mu} k_3^2 + \alpha k_3 + 6$   $\int \frac{3h}{3k_2} = 0 - u \tan \frac{6n}{no \sin \frac{1}{2}} \frac{1}{9} + \int \overline{v} k_3 = 0$   $\int p = -\frac{gg \cos d}{3\mu} k_3^2 + C$   $\int \overline{v} k_3 = 0$   $\int \overline{v} k_3 = 0$   $\int \overline{v} k_3 = 0$ Paeninian spannence yenolus; 1)  $\overline{V}|_{X_3=0} = 0 \Rightarrow |v_1|_{X_3=0} = \left(-\frac{g_{sin}}{2\mu} x_3^2 + \alpha x_3 + \theta\right)|_{X_3=0} = \theta = 0 \Rightarrow \theta = 0$   $|v_3|_{v_3=0} \neq v_1 = v_2 = v_3 = 0$ d) Taky=h = for  $ko \int p_n = \delta i j \, n j \, \ell i \quad \Rightarrow \delta i j \, n j \, l_{xx=h} = -p_0 n i$   $l_n = n_i \ell i$ Y was n=10,011, sen= == 0; 13=1  $\begin{cases} G_{11}R_{1}^{+} + G_{12}R_{2}^{+} + G_{13}h_{3} = -h_{0}R_{1}^{+0} \\ G_{12}R_{1}^{+} + G_{12}R_{2}^{+} + G_{13}h_{3} = -h_{0}R_{2}^{+0} \\ G_{31}R_{1}^{+} + G_{32}R_{2}^{+} + G_{33}R_{3} = -h_{0}R_{3}^{+0} \end{cases} \Rightarrow \begin{cases} G_{13}|_{V_{3}=h} = 0 \\ G_{23}|_{X_{3}=h} = 0 \end{cases}$ Уто нан нешает использовая ти грашитые усповыя? TO, The busy we bregam weightenine benerous of the Сденаси тан, чист входими: инфина! no ont bespect runguares Dig = - ( ) (9) a no ont numerino-bajação (= 46000 roborcos) numpresen: Tij = Adri bij +2415; Hacigen 1/3 = 1 (01/2 + 00/3) upe v = - 109 and x3 + 0x3+6 (1/2 = 0/1/3=0. (en. (5)) Hy (VII =0, V12 =0; (V3)= -1 09 sud x3 + 2 | Vu = 0 ; Viz = 0 ; Viz = 0 (3) = - 1 09 cm k /3 + a; V2 = 0; V33 = 0 Nogerobracie mo - 6 (10), a (10) nogerabrece 8 (9). >> Oij = - p ij + 2ij = - p. bij + 2 moj = | 6n = - p), buz = 0 | 6u = 2 mon = - 190mod x 3 + a 31 = - 998hd x3+4: 632=0; 633=-p. Temps nogetabasen (12) 8/41: (legs p- muzhenne)

Ombem:  $v_i = ggsindx_3 (4h-x_3)$   $b = ho + ggcost/h-x_3$