$$\Lambda(x,y) = \lambda_0(2x^2-6x-6y-3z) + \lambda_1(x-y+z) + \lambda_2(5x+y-2z-1)$$

$$\Lambda'_{x} = \lambda_0(4x-6) + \lambda_1 + 5\lambda_2$$

$$\Lambda'_{y} = -6\lambda_0 - \lambda_1 + \lambda_2$$

$$\Lambda'_{z} = -3\lambda_0 + \lambda_1 - 2\lambda_2$$

$$= \int (4x-6)20 + 2x + 52 = 0$$

$$620 + 2x - 2x = 0$$

$$320 - 12x + 22$$

Conv
$$\lambda_0 = 0$$
, no $\begin{cases} \lambda_1 + 5\lambda_2 = 0 \\ \lambda_1 - \lambda_2 = 0 \end{cases} \Rightarrow \lambda_1 = \lambda_2 = 0 \Rightarrow \overline{\lambda} = \overline{\lambda} = \overline{\lambda} - \text{the nogy.}$

Conv $\lambda_0 \neq 0$, nonounn $\lambda_0 \neq 0$,

Figure
$$\eta_0 = 1$$
:
$$\begin{cases} 4x - 6 + \lambda_1 + 5\lambda_2 = 0 \\ 6 + \lambda_1 - 2\lambda_2 = 0 \end{cases}$$

$$\begin{cases} 3 - 2 + 2\lambda_2 = 0 \\ 5x + y - 2\lambda_2 = 1 \end{cases}$$

$$\begin{pmatrix}
400 & 15 & | 6 \\
000 & 1-1 & | -6 \\
000 & -12 & | -3 \\
1-11 & 00 & | 0 \\
51-200 & | 1
\end{pmatrix}$$

$$\begin{pmatrix}
1-1 & 1 & 00 & | 0 \\
0 & 4-415 & | 6 \\
0 & 6-700 & | 1
\end{pmatrix}$$

$$\begin{pmatrix}
1-1 & 1 & 00 & | 0 \\
0 & 2-2 & | \frac{1}{2} & \frac{5}{2} & | 3 \\
0 & 0-1-\frac{1}{2} & -\frac{1}{2} & | -8 \\
0 & 0 & 0 & 1-1 & | -6 \\
0 & 0 & 0 & 1-1 & | -6
\end{pmatrix}$$

$$\begin{pmatrix}
1-1 & 1 & 00 & | 0 \\
0 & 2-2 & | \frac{1}{2} & \frac{5}{2} & | 3 \\
0 & 0 & -1-\frac{1}{2} & -\frac{1}{2} & | -8 \\
0 & 0 & 0 & 1-1 & | -6 \\
0 & 0 & 0 & 1-1 & | -6
\end{pmatrix}$$

$$2 = -3 \frac{1}{2} \frac{1}{15} \frac{15}{2} \frac{12}{2} + 8 = \frac{1}{2} \frac{1}{2} \frac{1}{15} \frac{15}{2} \frac{1}{15} = \frac{1}{2} \frac{1}{2} \frac{1}{15} \frac{1}{15} \frac{1}{15} = \frac{1}{2} \frac{1}{2} \frac{1}{15} \frac{1}{15} = \frac{1}{2} \frac{1}{2} \frac{1}{15} \frac{1}{15} = \frac{1}{2} \frac{1}{15} \frac{1}{15} = \frac{1}{2} \frac{1}{15} \frac{1}{15} = \frac{1}{2} \frac{1}{15} \frac{1}{15} = \frac{1}{2} \frac{1}{1$$

$$= 71 = -9$$

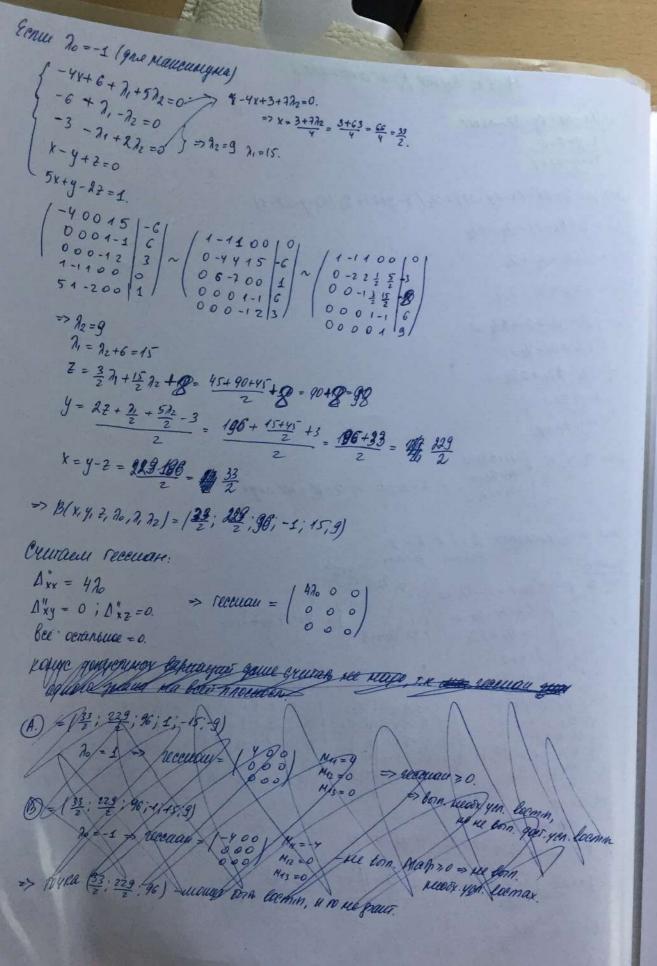
$$-9 = 11 = 15$$

$$7 = -\frac{3}{2} 2 - \frac{15}{2} 2 + 8 = \frac{45}{2} + \frac{90 + 45}{2} + 8 = 98$$

$$y = 22 - \frac{1}{2}\lambda_1 - \frac{5}{2}\lambda_2 + 3 = 180 + 16 + \frac{15}{2} + \frac{45}{2} + 3 = \frac{196 + 93}{2} = \frac{1196}{2}$$

$$x = y - 2 = \frac{229 - 196}{2} = \frac{33}{2}$$

).sov//:qth



fr = x-y+,

fr = 5x+y-,

>> { h_x-1

5h_1+

Envire A

>> (h1

(roung)

=> \(\frac{33}{2}\); \(\frac{22}{2}\)

hpurem on

5x

Smin = 2.

Orben; 133

D) { xy232

1(x, y, z) = 201

 $\Lambda'_{x} = \lambda_{0} \cdot y^{2} z^{3}$ $\Delta'_{y} = \lambda_{0} \cdot 2xyz$

1'2 = 20.3xy2

30.3x4535

).sov//:qtiA

Unogerature θ $9x^2-6x-6y-3?$, no syger $f(+\infty)=+\infty$. => governments globanax.

Some $\frac{2}{4}$ $\frac{1089}{4}$ $\frac{-3\cdot33}{697}$ $\frac{-3\cdot229}{697}$ $\frac{-3\cdot96}{1288}$ = 544.5-1074=-529.5.

Others: $(\frac{33}{2})\frac{229}{2}$; $96) \in Comm$, globanin.

Some $\frac{33}{2}$ $\frac{229}{2}$; $96) \in Comm$, globanin.

D) { xy²23 → extr x+y+2=1.

 $\Lambda(x,y,z) = \lambda_0(xy^2z^3) + \lambda_1(x+y+z-1)$ $\Lambda'_{x} = \lambda_0 \cdot y^2z^3 + \lambda_1$ $\Delta'_{y} = \lambda_0 \cdot 2xyz^3 + \lambda_1$ $\Delta'_{z} = \lambda_0 \cdot 3xy^2z^2 + \lambda_1$ $= \lambda_0 \cdot 2xyz^3 + \lambda_1 = 0$ $\lambda_0 \cdot 2xyz^3 + \lambda_1 = 0$ $\lambda_0 \cdot 3xy^2z^2 + \lambda_1 = 0$

Eenu 20=0, 10 2=0 => 7=0 - menegs. Myca 20=1) / y23+ 21=0 (4)-12): yz3(y-2x)=0. => [y=0 y=2x $\int_{X+y^{2}}^{3xy^{2}} \chi^{2} + \chi = 0$ Elnu $z=0 \Rightarrow \{\lambda = 0 \}$ $y=1-x \Rightarrow \{x+y=1 \Rightarrow y=1-x \Rightarrow \{x+y=1 \Rightarrow x=1-x \Rightarrow \{x+y=1 \Rightarrow y=1-x \Rightarrow \{x+y=1 \Rightarrow x=1-x \Rightarrow \{x+y=1 \Rightarrow x=1-x \Rightarrow x=$ Eene y=2x => \$4x^2 z^3 + 2=0 - 4x^2 z^3 + 2=0 => 4x2 (7-3x)=0. 12x322+7,=0 3x+2=1. Elnu x=0, 10 7=1 => (10,0,1) 90=1 2=0 lenu z=0, to x=1 $\frac{1}{3} = x = 1$ $\frac{1}{3} : \frac{2}{3} : 0$ $\frac{1}{3} : 0$ $\frac{1}{3} : 0$ Enu z=3x, 70 3x+3x=1 => $x=\frac{1}{6}$ => $(\frac{1}{6};\frac{1}{3};\frac{1}{2})$ $\frac{1}{2}$ =- $\frac{1}{36}$. $\frac{1}{36}$. Myclo 20=-1) \ \left(-9^2 3 + 2 = 0 \\ -2 xy 2 3 + 2 = 0 \\ } => -y22/y-2x)=0. => bee To me Roman (t, 0;1-t) - 3 xy 22+7,=0 L X+y+2=1 Itit-tio) (0,0,1) 4/1:2;0), nonous no=-1: 2, =0. Очитаем комус и песман. Kouye: fi = x+y+2-1 df= 11,1,11 => Rauge: h,+hz+h3=0 => h3 = -h,-h2 => T = (haihzi-ha-hz) <u>receuce</u> $\Lambda''_{xx} = 0$; $\Lambda''_{xy} = 2\lambda_0 yz^3$ $\Lambda''_{xz} = 3\lambda_0 y^2 z^2$ $\Lambda''_{yy} = 2 \lambda_0 x z^3 \quad \Lambda''_{yz} - 6 \lambda_0 x y z^2 \qquad \Longrightarrow F = \begin{cases}
0 & 2 \lambda_0 y z^3 & 3 \lambda_0 y^2 z^2 \\
2 \lambda_0 y z^3 & 2 \lambda_0 x y z^2 & 6 \lambda_0 x y z^2 & 6 \lambda_0 x y z^2 \\
3 \lambda_0 y^2 z^2 & 6 \lambda_0 x y z^2 & 6 \lambda_0 x y z^2 & 6 \lambda_0 x y^2 z^2
\end{cases}$

(h1; h2;

Perus 70 vica (1/6.

(he hz -h

70 = -1) (h, hz

Okens (4);
(tio)

$$= \frac{(h_1 i h_2 i - h_1 - h_2)}{(h_2 i h_2 - h_1 - h_2)} = 0. - towe we congoes, we can necess we let in the state of the$$

POYKU (tiox-t)

104KU (t;1-t;0)

$$\frac{\left(h_1, h_2, -h_1 - h_2\right) \left(\begin{array}{c} 0 & 0 & 0 \\ 0 & 0 & 0 \end{array}\right) \left(\begin{array}{c} h_1 \\ h_2 \\ -h_1 - h_2 \end{array}\right) = 0.$$
 There we born goes yer, we are $\frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{1} \frac{1}{2} \frac{1}{2$

 $(h_1, h_2; -h_1 - h_2)$ $\begin{pmatrix} 0 & 0 & 0 \\ 0 & 0 & 0 \\ -h_1 - h_2 \end{pmatrix} = 0$. - Power we born goet year, we born we wax year. $(h_1, h_2; -h_1 - h_2)$ $\begin{pmatrix} 0 & 0 & 0 \\ 0 & 0 & 0 \\ -h_1 - h_2 \end{pmatrix} = 0$. - Power we born goet year, we born we wax year. $(h_1, h_2; -h_1 - h_2)$ $\begin{pmatrix} 0 & 0 & 0 \\ 0 & 0 & 0 \\ -h_1 - h_2 \end{pmatrix} = 0$. - Power we born goet year, we born we way $(h_1, h_2; -h_1 - h_2) = 0$. $(h_1, h_2; -h_1 - h_2)$ $(h_1, h_2; -h_2; -h_1 - h_2)$ $(h_1, h_2; -h_2; -h_2; -h_2)$ $(h_1, h_2; -h_2; -h_$ (=- 1) NYMU (tio; 1-t)

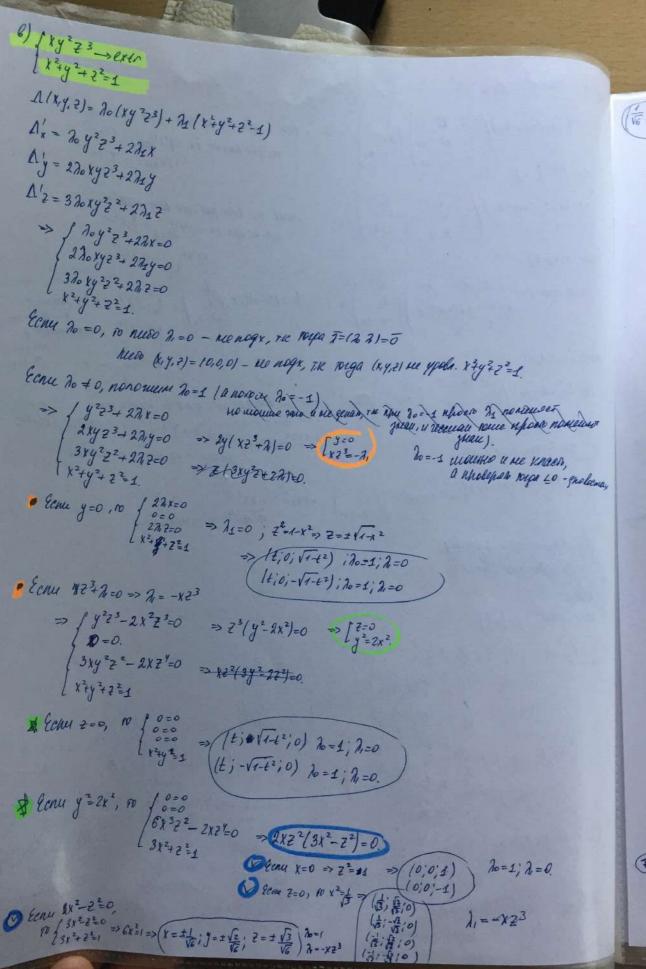
$$\frac{(h_1; h_2; -h_1 - h_2)}{(h_1; h_2; -h_1 - h_2)} \begin{pmatrix} 0 & 0 & 0 \\ 0 & -2t(t+t)^3 & 0 \\ 0 & 0 & 0 \end{pmatrix} \begin{pmatrix} h_1 \\ h_2 \\ -h_1 - h_2 \end{pmatrix} = -2h_2^2 \cdot \frac{t}{t}(t-t)^3$$

$$\frac{1}{t} \frac{1}{t} \frac{1}{t}$$

L'ecque rouxa (= ; = ; = ; =)

Obens. (1; 1; 1) - loc max (tio;1-t) - locain ape terois Smax - toops to the (t/0/1-t/- laemax Mu te 1-00;0/U(1;+00)

)'SON//:d,



 $(\sqrt{6}, \sqrt{2}, \sqrt{3})$ $\lambda_1 = \lambda_2$

Meenan = \ 22/2 2203

xouye: df.-12.
>> h.x+
>> h.+

=> (ha; hz; - 1

 $= \left(-\frac{h_1}{2\sqrt{3}} + \frac{h_2}{\sqrt{6}}\right)$

 $= \left(-\frac{h_1}{\sqrt{3}}\right);$

Tak we majo Detabuteras : noewran, be h.x+hzy+hzz= >>h= lh1;hz;

 $\lambda_1 = -\chi_{23}$

>> trh= (h,

2 - 2x23h1 2 - 2x2h1 (223

= 1-2x2h1; -

$$\frac{\sqrt{16} \cdot \sqrt{2} \cdot \sqrt{3}}{\sqrt{6} \cdot \sqrt{6}} = -\frac{1}{\sqrt{6}} = -\frac{$$

$$\begin{aligned}
\text{We ena} &= \begin{cases} 2\lambda & 2\lambda y 2^{3} & 3\lambda y^{2} 2^{2} \\
2\lambda y 2^{3} & (2\lambda x 2^{2} + 2\lambda) & 6\lambda x y 2^{2}
\end{cases} \\
& \begin{cases} 3\lambda y^{2} 2^{2} & 6\lambda x y 2^{2} & 6\lambda x y^{2} 2 + 2\lambda \end{cases} = \begin{cases} -\frac{1}{2\sqrt{3}} & 2\frac{\sqrt{3}}{\sqrt{6}} & 2\frac{\sqrt{3}}{\sqrt{6$$

=>
$$h_1 + \sqrt{2}h_2 + \sqrt{3}h_3 = 0 \Rightarrow h_3 = -\frac{h_1}{\sqrt{3}} - \frac{\sqrt{2}}{\sqrt{3}}h_2$$

>> $h = (h_1; h_2; -\frac{h_1}{\sqrt{3}} - \frac{\sqrt{2}}{\sqrt{3}}h_2)$

$$= \frac{(h_1, h_2) - \frac{h_1}{\sqrt{3}} - \frac{\sqrt{2}}{\sqrt{3}} h_2}{\sqrt{3}} \left(\frac{1}{2\sqrt{3}} + \frac{1}{\sqrt{6}} - \frac{1}{\sqrt{2}} \right) \left(\frac{h_1}{\sqrt{3}} - \frac{f_2}{\sqrt{3}} h_2 \right) \left(\frac{1}{2\sqrt{3}} + \frac{1}{\sqrt{2}} - \frac{f_2}{\sqrt{3}} + \frac{f_2}{\sqrt{3}} \right) \left(\frac{h_1}{\sqrt{3}} - \frac{f_2}{\sqrt{3}} h_2 \right) = \frac{1}{2\sqrt{3}} \left(\frac{h_1}{\sqrt{3}} + \frac{f_2}{\sqrt{3}} + \frac{f_2}{\sqrt{3}} \right) \left(\frac{h_1}{\sqrt{3}} - \frac{f_2}{\sqrt{3}} + \frac{f_2}{\sqrt{3}} \right) = \frac{1}{2\sqrt{3}} \left(\frac{h_1}{\sqrt{3}} + \frac{f_2}{\sqrt{3}} + \frac{f_2}{\sqrt{3}} + \frac{f_2}{\sqrt{3}} \right) \left(\frac{h_1}{\sqrt{3}} - \frac{f_2}{\sqrt{3}} + \frac{f_2}{\sqrt{3}} \right) = \frac{1}{2\sqrt{3}} \left(\frac{h_1}{\sqrt{3}} - \frac{f_2}{\sqrt{3}} + \frac{f_2}{\sqrt{3}} \right) \left(\frac{h_1}{\sqrt{3}} - \frac{f_2}{\sqrt{3}} + \frac{f_2}{\sqrt{3}} + \frac{f_2}{\sqrt{3}} \right) \left(\frac{h_1}{\sqrt{3}} - \frac{f_2}{\sqrt{3}} + \frac{f_2}{\sqrt{3}} + \frac{f_2}{\sqrt{3}} \right) \left(\frac{h_1}{\sqrt{3}} - \frac{f_2}{\sqrt{3}} + \frac{f_2}{\sqrt{3}} + \frac{f_2}{\sqrt{3}} \right) \left(\frac{h_1}{\sqrt{3}} - \frac{f_2}{\sqrt{3}} + \frac{f_2}{\sqrt{3}} + \frac{f_2}{\sqrt{3}} \right) \left(\frac{h_1}{\sqrt{3}} - \frac{f_2}{\sqrt{3}} + \frac{f_2}{\sqrt{3}} + \frac{f_2}{\sqrt{3}} \right) \left(\frac{h_1}{\sqrt{3}} - \frac{f_2}{\sqrt{3}} + \frac{f_2}{\sqrt{3}} + \frac{f_2}{\sqrt{3}} \right) \left(\frac{h_1}{\sqrt{3}} - \frac{f_2}{\sqrt{3}} + \frac{f_2}{\sqrt{3}} + \frac{f_2}{\sqrt{3}} \right) \left(\frac{h_1}{\sqrt{3}} - \frac{f_2}{\sqrt{3}} + \frac{f_2}{\sqrt{3}} + \frac{f_2}{\sqrt{3}} \right) \left(\frac{h_1}{\sqrt{3}} - \frac{f_2}{\sqrt{3}} + \frac{f_2}{\sqrt{3}} + \frac{f_2}{\sqrt{3}} \right) \left(\frac{h_1}{\sqrt{3}} - \frac{f_2}{\sqrt{3}} + \frac{f_2}{\sqrt{3}} + \frac{f_2}{\sqrt{3}} \right) \left(\frac{h_1}{\sqrt{3}} - \frac{f_2}{\sqrt{3}} + \frac{f_2}{\sqrt{3}} + \frac{f_2}{\sqrt{3}} \right) \left(\frac{h_1}{\sqrt{3}} - \frac{f_2}{\sqrt{3}} + \frac{f_2}{\sqrt{3}} + \frac{f_2}{\sqrt{3}} \right) \left(\frac{h_1}{\sqrt{3}} - \frac{f_2}{\sqrt{3}} + \frac{f_2}{\sqrt{3}} + \frac{f_2}{\sqrt{3}} \right) \left(\frac{h_1}{\sqrt{3}} - \frac{f_2}{\sqrt{3}} + \frac{f_2}{\sqrt{3}} + \frac{f_2}{\sqrt{3}} \right) \left(\frac{h_1}{\sqrt{3}} - \frac{f_2}{\sqrt{3}} + \frac{f_2}{\sqrt{3}} + \frac{f_2}{\sqrt{3}} \right) \left(\frac{h_1}{\sqrt{3}} - \frac{f_2}{\sqrt{3}} + \frac{f_2}{\sqrt{3}} + \frac{f_2}{\sqrt{3}} \right) \left(\frac{h_1}{\sqrt{3}} - \frac{f_2}{\sqrt{3}} + \frac{f_2}{\sqrt{3}} + \frac{f_2}{\sqrt{3}} \right) \left(\frac{h_1}{\sqrt{3}} - \frac{f_2}{\sqrt{3}} + \frac{f_2}{\sqrt{3}} + \frac{f_2}{\sqrt{3}} \right) \left(\frac{h_1}{\sqrt{3}} - \frac{f_2}{\sqrt{3}} + \frac{f_2}{\sqrt{3}} \right) \right) \left(\frac{h$$

$$= \left(-\frac{h_{1}}{2\sqrt{3}} + \frac{h_{2}}{\sqrt{6}} - \frac{h_{1}}{2\sqrt{3}} - \frac{1}{\sqrt{6}} \frac{h_{2}}{\sqrt{6}}; \frac{h_{1}}{\sqrt{6}} - \frac{h_{2}}{\sqrt{3}}; \frac{h_{1}}{2} + \frac{h_{2}}{\sqrt{2}} - \frac{h_{1}}{6} - \frac{h_{2}}{3\sqrt{2}}\right) \left(-\frac{h_{1}}{h_{2}} - \frac{\sqrt{2}}{\sqrt{3}} \frac{h_{2}}{\sqrt{3}}\right) = \left(-\frac{h_{1}}{\sqrt{3}}; -\frac{h_{2}}{\sqrt{3}}; \frac{h_{1}}{3} + \frac{\sqrt{2}}{3}h_{2}\right) \left(-\frac{h_{1}}{h_{2}} - \frac{\sqrt{2}}{\sqrt{3}} - \frac{h_{2}}{\sqrt{3}} - \frac{1}{\sqrt{3}} \cdot \left(\frac{h_{1}}{\sqrt{3}} + \frac{\sqrt{2}}{\sqrt{3}} \frac{h_{2}}{\sqrt{3}}\right) = \left(-\frac{h_{1}}{\sqrt{3}}; -\frac{h_{2}}{\sqrt{3}}; \frac{h_{1}}{3} + \frac{\sqrt{2}}{3}h_{2}\right) \left(-\frac{h_{1}}{h_{2}} - \frac{\sqrt{2}}{\sqrt{3}}; \frac{h_{2}}{\sqrt{3}} - \frac{1}{\sqrt{3}}; \frac{h_{1}}{\sqrt{3}} + \frac{\sqrt{2}}{\sqrt{3}}; \frac{h_{2}}{\sqrt{3}}\right) = \left(-\frac{h_{1}}{\sqrt{3}}; -\frac{h_{2}}{\sqrt{3}}; \frac{h_{1}}{\sqrt{3}} + \frac{\sqrt{2}}{3}h_{2}\right) \left(-\frac{h_{1}}{h_{2}} - \frac{h_{2}}{\sqrt{3}}; \frac{h_{1}}{\sqrt{3}} + \frac{\sqrt{2}}{\sqrt{3}}; \frac{h_{2}}{\sqrt{3}}\right) = \left(-\frac{h_{1}}{\sqrt{3}}; -\frac{h_{2}}{\sqrt{3}}; \frac{h_{1}}{\sqrt{3}} + \frac{\sqrt{2}}{3}h_{2}\right) \left(-\frac{h_{1}}{h_{2}} - \frac{h_{2}}{\sqrt{3}}; \frac{h_{1}}{\sqrt{3}} + \frac{\sqrt{2}}{\sqrt{3}}; \frac{h_{2}}{\sqrt{3}}\right) = \left(-\frac{h_{1}}{h_{2}} - \frac{h_{2}}{\sqrt{3}}; \frac{h_{1}}{\sqrt{3}} + \frac{\sqrt{2}}{\sqrt{3}}; \frac{h_{2}}{\sqrt{3}}\right) = \frac{h_{1}}{\sqrt{3}} - \frac{h_{2}}{\sqrt{3}} \cdot \frac{h_{2}}{\sqrt{3}} - \frac{h_{1}}{\sqrt{3}}; \frac{h_{2}}{\sqrt{3}} + \frac{h_{2}}{\sqrt{3}}; \frac{h_{1}}{\sqrt{3}} + \frac{h_{2}}{\sqrt{3}}; \frac{h_{1}}{\sqrt{3}}; \frac{h_{1}}{\sqrt{3}}; \frac{h_{1}}{\sqrt{3}} + \frac{h_{2}}{\sqrt{3}}; \frac{h_{1}}{\sqrt{3}}; \frac{h_{1}}{\sqrt{3}} + \frac{h_{2}}{\sqrt{3}}; \frac{h_{1}}{\sqrt{3}}; \frac{h_{1$$

TAK we nato noewar genebue recurans we remove to perobucuras 7 week Mount chapy Ins belx nonposolian of bocom men (# 1/6; # 1/6; # 1/6) Так ние маро поскитал дейсевие гессиона на концее дня => mw - laemax. Imo u absmax, Tik om. out = 1x2+ y = 2= 1} - KONNACE.

=> h= (h1, hz; -x h, -y hz)

$$\frac{1}{2} = -x_{2}^{3}$$

$$= \frac{1}{2} \int_{0}^{1} \int_{0}^{1$$

= (-2x23h1+2y23h2-3xy2h,-3y3h2; 2y23h,+0-6xy2h2; 3y22h1+6xy22h2+6xy22h (x) (x) (222+392) +y2h2(223y2); 2y2h1(22-3x2)-6xy2h2; 3y22h1+6xy22h2-(6xy22-2xz3)/xh,+2h2)= = (-2x2h1; -6xy2h2; 3y222h, +6xy22h2 - (6xy2-2x23)(xh,+ 2h2))(h2 -3h,-2h2) =

110.20V/:q44

= - 2x2h12 - 6xy2 h2 - (3y22)h, + 6xy22h2 - (6xy22h2 - 2x23) (xh, + 4h2) (xh, + 4h2). = -2x2h,2-6xy2h22- (9xy22(xh,+yhz)-16xy2-2x23)(xh,+yhz) (xh,+yhz)= = -2x2h,2-6xy32h22-(3xy22+2x23)/xh,+xh2/2= = $-2x^{2}h_{1}^{2} - 6xy^{2}zh_{2}^{2} - 2x^{2}\left(\frac{x}{2}h_{1} + \frac{y}{2}h_{2}\right)^{2}$ $\int \leq 0$, lemme $x \geq 0$ a Jahren or prava X2. 130, come x7 <0. (Sence XZ >0, TO Dyger lormax $\Rightarrow \left(\frac{1}{6}; \pm \frac{\sqrt{2}}{\sqrt{6}}; \frac{\sqrt{3}}{\sqrt{6}}\right) \vee \left(-\frac{1}{\sqrt{6}}; \pm \frac{\sqrt{2}}{\sqrt{6}}; -\frac{\sqrt{3}}{\sqrt{6}}\right) \in larmax$ (uabsma Elme x200, To apper locarin $\Rightarrow \left(\frac{1}{\sqrt{6}}; \pm \frac{62}{\sqrt{6}}; -\frac{\sqrt{3}}{\sqrt{6}}\right) \circ \left(-\frac{1}{\sqrt{6}}; \pm \frac{\sqrt{2}}{\sqrt{6}}; \frac{\sqrt{3}}{\sqrt{6}}\right) \in locaring (14 absum name)$ T.K X 2+92+2=1-KOMME $\left(\frac{\pm 1}{\sqrt{3}}; \pm \frac{\sqrt{2}}{\sqrt{3}}; 0\right)$ recurred, the own we beexly, the (0,0,1) 20=1; 2,=0 - receiver =0, ne locexx The Juaneme yenebois of your e (0,-1) no=1; n=0 - receuau=0, ne locexts 400x poquax =0, no melenement Нупевох коорд. могимо до реалеше \$10: \(\frac{t^2}{t:0; \sqrt{1-t^2}}\) TE (\(\frac{t}{t:0; \sqrt{1-t^2}}\) Muyen. \(\frac{t}{t^2 \text{K}_3^2} = 1. egenan u >0, u <0. recellar = \[\begin{picture} 0 & 0 & 0 \\ 0 & 18320 \\ 0 & 0 & 0 \\ 0 & 0 & 0 \\ \end{picture} \] \Rightarrow \[\begin{picture} \begin{picture} \begin{picture} 0 & 0 & 0 \\ 0 & 0 & 0 \end{picture} \] \Rightarrow \[\begin{picture} \begin{picture} \begin{picture} \begin{picture} 0 & 0 & 0 \\ 0 & 0 & 0 \end{picture} \] \Rightarrow \[\begin{picture} \begin{picture} \begin{picture} \begin{picture} \begin{picture} 0 & 0 & 0 \\ 0 & 0 & 0 \end{picture} \] \Rightarrow \[\begin{picture} \begin \begin{picture} \begin{picture} \begin{picture} \begin{picture} => locarin apri x x >0, locar apri x x x 00 no leps nous by =0, h, +0 - secont 5 ? 4: VI-2:0) 70 (xix)0) Nu yen. xi2x2=1. ti-VI-12;0/ recenau =0, no me locexx Omben: (xi,0, k3) & loemin april x x3 >0 11 x,24 x3 =1 (x1:0: x3) & loemax npu x, x300 u x, 4 x3 = 1. $\left(\frac{1}{\sqrt{6}}; \pm \frac{\sqrt{2}}{\sqrt{6}}; -\frac{\sqrt{3}}{\sqrt{6}}\right) \psi \left(-\frac{1}{\sqrt{6}}; \pm \frac{\sqrt{2}}{\sqrt{6}}; \frac{\sqrt{3}}{\sqrt{6}}\right) \in absmin (744 localin + x²+y²+2²=1-konnær)$ 1 \$\frac{1}{\sqrt{6}} : \frac{13}{\sqrt{6}} \vartheta \frac{1}{\sqrt{6}} \

2 a) (17 ki) th KORIN: { (x1... K), 2 x = 1 => 1/10: ... Na) = 30 1 x = 20 / x ... x Ecau 20=0, 90 2=0 Eenu To to, no none => { \frac{1}{Nx_1} + 2 = 0 $\frac{\sqrt{\chi_1...\chi_n}}{n\chi_n} + \lambda = 0$ 3x = e проверши, что за A Kikj = do t in A x x = 10 . (1 / /4 --

D) [1 € | kigi | € | ½ | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 € | 1 €

XORIM: PIX, y> -extra