X - X - 100 = 0 x3-x2-100 \ x+5 x3-5x2 \ x2+4x+20  $-\frac{14x^2-100}{4x^2-20x}$ X2+4x+20=0 D=16-8020 hem koppet -100+20x -100+20x Thosepia. 2.2+25=129.29 29-29 Beptio Cellerap 5. (30/09/19) Thera 3. Beknoppe pay begenne Вектора a, a, ..., an намваньтей количестр-Morelle ecour cyces-em passeas I marcis, zmo (all Draoll L) ... 1 (ap 11 E) В Венторы ат. аг., ап шезовання колинанар

cycuseconsyero muchacine O maras, zino (a, 11Q) (a, 11Q) n. .. 1 (an 11Q) Koussene line-posses Kouniahaphae plane-machocina 02/16 Tycome a, b, c - Helbundaraptione Geumopor Onp-e. Mparka (a, b, c) na orb-or no bet estu c) nestesa ben mora è reparmication no bo-per em ben mera à n ben mery b degen hosmib accobet empereus. mpcerea (0, 6, c)mpstala (a,b,c)-Опр-е. Пусть вентера ахь Beumopene apartegener temport out 1) c' La u CL6 (26) 2) /c/=/a/./b/ sin = (a,b)

3) Toura (a, 6, E) - npalas DEOJHAR-E. C= Laxb] East anb mo, no oupegesesses, [axb]=0. Сканарное Векторное (0,6) [axb] YUGUO ER Bekmap & V3 [[axb] = 101.16/ sind (a b)-10/-16/- cosh ZA Sax BI 10/=101.16/-sn/ Овобства вентерного призведения: [axb] = - [bxa] anmukoulujmamubucans (a+b)xc]= [oxc]+[bxc]/whethocure (La/x 6 ]= L [ax b] (7) y no nepeosus

$$S_{D}(\bar{a}, \bar{b}) = /[\bar{a} \times \bar{b}]/$$

$$S_{D}(\bar{a}, \bar{b}) = \frac{1}{2} \cdot /[\bar{a} \times \bar{b}]/$$

$$S_{D}(\bar{a}, \bar{b}) = 14\sqrt{2}$$

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$$S_{D}(\bar{a}, \bar{b}) = \frac{1}{2} \cdot /[\bar{a} \times \bar{b}] + \frac{1}{2} \cdot /[$$

3) ([axb]=0) 4-x (a11b)

Baga a. 04 Pellierue. @ SAAR = = 1/1 ax 6 1/ BC = 6 - a  $\vec{KL} = \vec{AB} + \vec{BC} = \vec{a} + \vec{b} - \vec{a} = \vec{a} + \vec{b}$ Koll = - dik = - 0 + 6 = 6 - 0 O SAKLU = 2./[Kix Kell] = 2./[20+26x b-20] = 2/ 1 5 a x b J - 4 5 a x a J + 2 5 b x b J - 4 5 b x a J = = 1/3/0×6]/= 3/50×6]/ SARC 3.2 3 SARC 8.1 4

Beremophie yegg. & Apabar Den auc nogg.  $[a \times b] = \begin{vmatrix} 2 & j & k \\ a, & a & a_3 \end{vmatrix} = \begin{vmatrix} b_1 & b_2 & b_3 \end{vmatrix}$ a = (a, a= a3) B= (6, 62, 63) and Boll ceckett enpegesumesto = 1 · / b = b 3 / + 5 · | b | b 3 / + R - | b | b = / Bagara. Pecue sue. a=(5,-3,4) 1) [0×6]=/2] k/= b= (7,-2,6) Houmu. = Z. /-34/ 5/54/4 E./7-2/= DE=LaxBJ = -10.2 - 2.j + 11. k 2) Apolepionis, imo 2= (-10,-2, 11) 3) Apolegiams. 2,000 2) (6,0)=-50+6+44=0=> 4 Sa (0,6) 2 Ta J SA (a, b) 3) (2,6)=-70+4+66=0=> 221 28 4) S\_ (ā, b) - / [āxb]/- 1c/ = 100+4+121 = 1225 = 15

3agara. Decreence.

$$A = (2, -3, 1)$$
 $B = (7, -1, -3)$ 
 $C = (1, 1, 4)$ 

Naamu:

1) Soarce  $A = (-1, 4, 3)$ 
 $A = (-1,$