М Липейные операции с векторани на плоскасти и в пр-ве, PI ux cb-ba. Sunerino zabucurrere a nejabucurrere oucm-nu векторов. Соводь методу минитой зависимостью, кам. Дев напр. отр-к, - отр-к с упар. концани Del XX = X'y', eam Marian Charles The Maria Contraction of the State of the 1 | X | = | x'y'| 2) XX 11 X'Y' (Kamuneapmu) 3 XY u X'Y' conampabremen Des Bermon- krace been nonn. omp-ob, pabrier quine nonn. omp-og. Imb. Oba nam. omp-na XY u X'y' onnegeranom agun u D-bo, JZT: XYZZT XXZX'Y' => XX ux'y' & X'Y'= 27 agnormy ku-ey = sonn. og, u mom nee 8-n. Onepayan nong &-mi Det Cromenue 6-pol The state of the s C- 22 1 (23 - 23) 19 (2 2 2 2) X X = 0 Y 2 = 6 2 = 0+6 des blumge nopomgennini X 2 Note, опр-е сумны в-ров нутдаетах в корректности. T. e. nymno nongame, uno cyura ne zabucum em budgra XX 4 YZ. Del, ymnomenue 6-pa na muro Xell ā-6-n. XX=ā, mongre \add XZ: 0 XZ= 1X [XX QXZ IIXY (3) X > 0 = > X 2 7 7 XX; X < 0 X 2 + 7 XY

O à + B = B + à Karunymannubmanne (2) (à+b)+c=a+(b+z) accour. (3) 30: a+0= 0+a=a 9 Vā J-ā: ā+(-à)=0 (5) 1-a = a Ynumaprisonno (6) (y.m). == x.(m.a) (7) (x+ m) · ā= x · a+ m·a (8) \(\bar{1}=+6)=\(\bar{2}+\chi6\) Det & Li Vi - uneimar kand. Dels NK-mpubuaumae (=> 2;=0 4; Del, AK-ne mpub C=> 3 2= +0 Del Gra 6-pob (Vi - .. Vn) - 13, cam Frempub NK Vi -- Vn =0 Dels C-na 6-pob (v...v.) NH3 (=) (v...vn) ne 13 ymb, (Kyumenui N. zab.) C-ra 6-pob (v,... va) 13 2=> 3 vi, Komoruni bon-ce repres a)=>, 2, v, + . . + dn vn=0

Tyomb d, #0 (6.0.0.) => dn Vn =- 2, V, - ... - 2n-, Vh-1

からい sycms vn= Biv, -- Ban, vn-, =>

(v,...vn) - 13 => V noguumerue 13. (v.-vn)-143=> V nogenomera 143.

mb Eau (Vi...Vn) - NH3, mo bassuis 6-n passuagubassua Supernto $\bar{u} = (\bar{v}_1 \dots \bar{v}_n) \begin{pmatrix} d_1 \\ \vdots \\ d_n \end{pmatrix} = (\bar{v}_1 \dots \bar{v}_n) \begin{pmatrix} B_1 \\ B_n \end{pmatrix}$ => (v. - vn) (2-B1) = 0 m. K. (v... v.)-ハH3ココ ユー戸=ロコス=戸町 a) Ryamo à \$ 3. Torga &, nam. à, bornamaemme repres à 6= > · a , > e/R d) Ryeme ā, ār-nekam. Torga b, kommanaprim ā, u ēr borpamaemer repez à, u ar 6) Ryems (ā, ār az) - nexaum. Torga 4 b & V (np-by) nommo bupajume repy (a, a, a, a) D-80, e) - + + + x2=6 1)12 Xx 200, x uz no agny cm-ny om X 2 20, unane XZ = XXX 尼二人a B= X2,+X22= /2,+/2 @2 (naugyeuras a) 1 orebugno. B D (0)-13 (2) C-ra, cog gla nam. 6-pa-13. 3 Cra cog mpu karn 6-22-13

(9) 4c-va, egg 48-pa-13.

D-60;

1)1.0=0

- 2) Earn earns 5 = 5 ores.

 Styams V, 70 = 5 V, = 2 V, 2
- 3) (v, v, v, v)-kaum.

 Eam 3i, j! (vi, v) | Kam = 5(vi, v; 1-1/3 = (v, v, v, 1-1/3 unare 1/3 no npreg. ymb.
- 4) orebugno.

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