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Системы ил. ур,
7 февраля 2024 г. 12:21
                   евраля 2024 г. 12:21
anxxn+.--+anxxn=вл
- (-ма им- ур.
                Lam X1+ -- ann Xn= 6n
            A = \begin{pmatrix} a_{11} \dots a_{1m} \\ a_{n1} & a_{nn} \end{pmatrix}, B = \begin{pmatrix} B_1 \\ B_n \end{pmatrix} Torque como and. A \times B = B
             \widetilde{A} - pacur. mosphya (-mor \widetilde{A} = (A \setminus \overline{B})
         Tame evens janueurs A= [a1/a21-. an) -> AX=B ~ a1X1+ --+ tanXn=8
            anp. C-ua cobuetation ecun uneer xergi soi i pennerul.
      Krusegneri convenaru: 201, -an Ekm, raga cua pagemena (=> 86201...an)
         dim2a...an) = rkA=r, jaga (-ua paspeununa E) rkA=rkA.
-T-ua kpotterepa-karrennu.
I.C-ua yp. pagremma 48 => (a1,--, an)= km &> rkA=m &> apora A-M3.
II Tyros c-ua posperruma que 6 raga peur eg (=> rkA= n => cronorger - M3.
  III. eau A=Anxon u detA+0,70 personel eg que $ 6.
     (·ma traz - von agrapagnoù ecu To = 0 (Me4)
(·ma trengrapagna ecu To + 0 (M4)
     \bigcirc A A = \bigcirc A = 
                    2) M. to pemernin colon. C-nor AX = 6 abs. Cymnon rawnoro pemerner 4 ordegno
                                                                                                                                                               pewerus AX=0
        (D-6) 1) UCV en U±$ U50, $\ta_1, \u0360 \u03
                                                                                                                                                       YXER, TIEU KTEU
                                                   A\overline{u} = 0 
                                                ~ U-renguo P.R. JEU
                                                     ~ Au,=0 - Alhun =0=> hu, EU
                                     2) \in X_1 - curse agro pewerue A \overline{X} = 0, 70 \overline{X}_1 - \overline{X}_0 - pew A \overline{X} = 0
                                                       AX= 6= - 7 => A(x1-x0)=0 => X1=X0+4 , 4 + SO((MX=0)
                                            (E) Voty A(Koty)= Axo + Ay = 6 => Voty (Sol (AX=8)
                                                                                                 -. sol (Ax=0) c kn
           Pasuephato np-6a
        T). dim sol(Az=0)= n-rkA
         D-bo. Ond gle c-wor sub eau y rure ogen- un-la pewernten/
                                            A > A (1900) Composéen riabrure cravoyor prestruce repensatione repensatione repensatione repensatione.
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. . HINN TO DER STORETONUTE.

Torga hangun aponemie que nature repenentira repez chosogrere.

hyrte voluce rep. ugga nogpig (x1 - . X n) - valentre nep

$$A' = \begin{pmatrix} E_r & C \\ O & O \end{pmatrix} \longrightarrow \begin{cases} \chi_{r+1} & \chi_{r+1} & \chi_{r+1} \\ \chi_{r+$$

amp PCP - nparforeoneris Jozuc Sol (A x= 3)

$$P = (\overline{\Phi_1}, -- \overline{P_{n-r}})$$
les permerus :
$$P = (-C) \left\{ A^{\prime} = (\overline{E_{r}C}) \right\}$$

$$\Phi = (\overline{\Phi}_1, \dots, \overline{\Phi}_{n-r}) \quad A\Phi = (A\overline{\Phi}_1, \dots, A\overline{\Phi}_{n-r}) = (0, \dots, -\infty) = 0$$

$$= 9 = [P_1, -P_{n-r}]$$
 $= P_1 - P_2 = P_1$

Coparna zagara PCP -> c-ua

AX=0 rkA=r Q-quyng waspuya. rk P=n-r

(Trege), CAOY 9TY=0 jagalet run-05. Ct. morphyr AT

rkAt=rkA=r rksol(pig=o)=n-(n-n)or

$$P = \begin{pmatrix} 101 \\ 123 \end{pmatrix} \Rightarrow P = \begin{pmatrix} 1215 \\ 0123 \end{pmatrix} \sim \begin{pmatrix} 10-3-4 \\ 0123 \end{pmatrix} \Rightarrow P = \begin{pmatrix} 34 \\ -2-3 \\ 01 \end{pmatrix} \Rightarrow A = \begin{pmatrix} 3-2 & 10 \\ 4-3 & 01 \end{pmatrix}$$

Cregistre. Y nograp-bo 6 kg rler. np.-lan briga sol (AX=0) trenovapoù CAOY.

meparguer rag nograparostanu. Cymra Mexicrenie. Meus cynna

1) UnW-nogrpasparált.

2) LUUW > - nogrpocepanolo.

3) U+W= | T+W | TEU, W +W] CV - negyrospanosto.

ragora: 240W> = 4+W

Bargada UtW-name nogrp-10 regence UuW

1: . lu+w = dimu + dimu - dim (u,w)

Bagada: Utw-name. nogrp-10 cogepre

V

Typege dim(Utw) = dimU + dimW - dim(Upw)

Utw

D-60. dimU=k, dimW=l, dim(unv) = P

BUtw norsporm source: see...eps-source. Unw

See.-ep--ers-fill - 0-60 , name source. 5 Utw?

See.-ep--ers-fill - 0-6W, name source. 5