Dukazy 2020 pátek 19. ledna 2024 18:24 pohud hu nijaly drikes nen, tal je a jine slosie 2020-01-14 neibt din (L) = n Jestlise norh (f) = n pol polare runh (fof) = runh (f) bedy obene neplati Im(f) = Im(f-f) Nucht up je liberalni nisery Av=h
Nucht uz je druhe niseru A v=b
Nucht ut t Len(A) 2 def. Axr = 0, dule $\overrightarrow{v} = A(w_2 - \alpha_p) = A(w_2) - A(w_p) = h - \overrightarrow{b} \in \text{Ker}(A),$ luly: UH = L2 - UP => V2 = Up 7 UH preview: $A(up+u_H) = A(up) + A(u_H) = A(up) = f$ ledy reptres Ar=b Tely span (x1, 14d) = Enisti = Ker(A) prot of messoshi
hodrah ri pro ti f(xp + xy + ... + xd) = f(xp) = b , bely i xp + In(A) min A r = b jedno je vidy podposlor, bedy riseni Av=b fori podposlor (a/h)=0=>{a/h3 W Tela: Pro Va, b = 0: Sporen: predpobled: à, fr jane LZ, => ludy Id, B \(\alpha \) lol, re d \(\alpha \) + \(\bar{b} \) = 0

L, B se remolon morral rule, jetter

leggly se rapin.: \(\alpha = 0 \), lah \(0 \cdot \alpha + \bar{b} \) \(\bar{c} \) ale

aby rorrast platla, lah rulne \(\bar{b} = 0 \) (jetter \(\bar{c} \) \(\bar{c} \) \(\alpha \)

je spor se sporovým predpledom. Rossost La +Bb=0 se ledy då puspsul julo: 2 = - B F Nocht p=-= typolum plah: \all \all \all \bar{\partition} = p\langle \bar{\partition} \bar{\partition} ale n #0, prolize B # 0 a L b l b #0, prolize f #0, ledy p (f | f) = (a | f) + 0, ces se spor jililos spredjellade (a | f) = 0. => Torren plahr Bredpoblad: A=AT; B=BT cheene: BA = (BA) (BA) = AB + BA husen replate protipulled; $\begin{pmatrix} 1 & 2 \\ 2 & 3 \end{pmatrix} \cdot \begin{pmatrix} 0 & 1 \\ 1 & 0 \end{pmatrix} = \begin{pmatrix} 2 & 1 \\ 3 & 3 \end{pmatrix} / \cos n \text{ non aym. makine}$ $\mathcal{M}(A) = \mathcal{N}$ joh des(at) = nn.del(A) deh(aA) = a A snamena: prenasab basily parel dåle presasobni A slataria a také snameni prinasoh hosety slunger A staturia a dul(aA)= duh(a(a1,02,1...,an)) = $= dul(\alpha \alpha_1 | \alpha \alpha_2 | \cdots | \alpha \alpha_n) =$ $= \alpha dul(\alpha_1 | \alpha \alpha_1 | \cdots | \alpha \alpha_n) = \cdots = \alpha^{n-1} \cdot dul(\alpha_1 | \alpha_2 | \cdots | \alpha \alpha_n) =$ $dul(\alpha_1 | \alpha_2 | \cdots | \alpha \alpha_n) = \cdots = \alpha^{n-1} \cdot dul(\alpha_1 | \alpha_2 | \cdots | \alpha \alpha_n) =$ $dul(\alpha_1 | \alpha_2 | \cdots | \alpha \alpha_n) = \cdots = \alpha^{n-1} \cdot dul(\alpha_1 | \alpha_2 | \cdots | \alpha \alpha_n) =$ $dul(\alpha_1 | \alpha_2 | \cdots | \alpha \alpha_n) = \cdots = \alpha^{n-1} \cdot dul(\alpha_1 | \alpha_2 | \cdots | \alpha \alpha_n) =$ $= a^n \cdot dul(A) = a^n \cdot d$ TE + WiTh'= p'+W & TI/T' Pal (p-p) EWnW re //π'=> W ⊆ W melor W ⊆ W hely W

W'N W = napa $T = \begin{pmatrix} 0 \\ 1 \end{pmatrix} + span \begin{pmatrix} 0 \\ 0 \end{pmatrix}$ prop : $Tt = \begin{pmatrix} 0 \\ 2 \\ 0 \end{pmatrix} + Apan \begin{pmatrix} 1 \\ 6 \\ 6 \end{pmatrix}$ plate: $W \cap W = span \begin{pmatrix} 1 \\ 0 \end{pmatrix}$ $A - \gamma = \begin{pmatrix} 0 \\ 1 \end{pmatrix} - \begin{pmatrix} 0 \\ 2 \end{pmatrix} = \begin{pmatrix} -1 \\ 0 \end{pmatrix}$ ale (-1) snyme & WnW