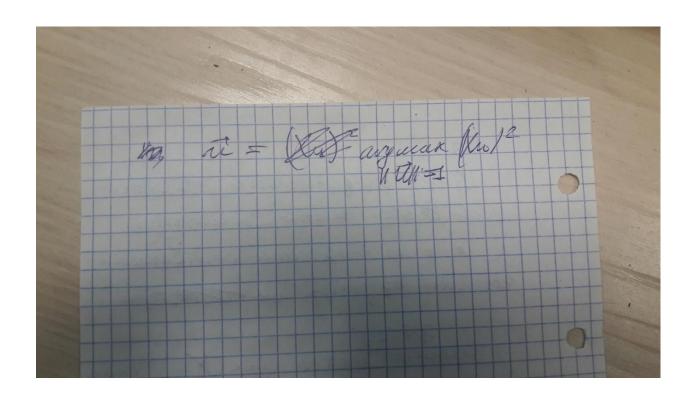
De Myrein garagun, 200 & 1X-X112 = € 2 x λ; ye Xi-cumpepular quareard X F - pazurepuoces pezzympolarines Toresce Gron-Go veryrebox somrens), a IN = (5X7, 0) De Boenon zyennere seus coo FALLER VACILIEM LONA AND = = 23 |aij|2 = tr(ATA), vorya TIKI X ZIVINUT, X XIRUT, TO 1/2 (X -X) (X -X) = 1/4 / 1/2 / 1/2 = (V(IN-VE)) T(V(IN-VE))= = u(SN-IN)VTV(VA-IN) TIK. MAN VIV = 11 2 MIR= WA-FA)2511+A-2MA

A+1-2A. SR, 29e UTOW $(X-\widetilde{X})^T(X-\widetilde{X}) = URU^T$. topupur) - Si, Wik Ree Wig = = Mix Rhellie, T, K, U== w, TO Uin Uie = Sxe u Usu kne Uje = Ske Rke = Rkk = 0 = to R = 5 n Do, a monero i= F+1 tr(uRut)= Cobino n epasy: =tr(Rute)= =tr(R)000 $\|X - \hat{X}\|_{F}^{2} = \sum_{z \in +x} \lambda(z)$

Уи - сипанириний собетьей изгл. венену вення стрина. Х а е намонячими собымими recorder the sorye on the same gocrabne et marcumyn (Xu) 2 epiper brex u's nou = 1: Den ofen renow, XXX X = VI UT UTU = 1 XU= VII 27 [1, ..., 200] XVI = VIV = 1. (XVIXu) = VIV Tune = = Xeax. F. T.K. De 11 UN =5 (XI) T(XII) = (XII) 2, TO morenmunym (XII) = Darax 12, Fax 3maert,



Nh. $Z \times z = Z \times y_0 = 0$. $(\pi i, y_0) \in \mathbb{R}^2$. Marjuya over y_0 (201 Fi) , vorga een La Danx Kot Xa= Xuaxa, rge runs инексинальные собевенные чисть, то 2 = 2 (Riggs S((20, 40), 00) -> - suina, rge att (gl(xiyi), 2) - polesolume en Bentoperto To rem go apremoso, scepabacara Centralou d', monoderser reles Harano K-T. Brunerum, 40 T.K. ZXi= 2, y; =0, 40) 11 yeverp musel energenen margines & macone K-TE, quarete uponecons, зоставтегоння именениции фот

90 - We L gornen yearsque repiz careero K-To (200 4 Tax nondo no, no moneno golgenses e nomeoupas n - la Theyronomuna), vorga Conomunio 1 comespi $\vec{b}_6 = \begin{pmatrix} x \\ y \end{pmatrix} \vec{a} = \begin{pmatrix} x_1 \\ ay \end{pmatrix}$, where Plata Malasas B= Bn+61 B = 6 - 6, 0/8 $\vec{e}_n = (\vec{e}, \vec{a}) \vec{a}$ 022. \$8(8,a) = 18- (3,a) = 116+12-2(6,a) 3 + (8, a)2 = NBN2 - (8, a) 2 Риссиотрин од синуперный се: Xa = od Xunxa

Xa = / 2 ax + y, ay

X 2 ax + y ay

X x ax + y ay

X x ax + y ay $L = \sum_{i \neq s}^{\infty} 116i11^2 - \sum_{i=s}^{\infty} (\beta_i, \vec{a})^2 =$ The inegrity is sagare manis

a = argnix (Xa)², manis

nal = argnix (Xa)², manis

nal = sagare $a = \underset{i=1}{\text{arg min }} L(X, a)$ han = 1 $u = \frac{1}{i} \|b_{i}\|^{2} - \lambda_{\text{wax}}^{2}$

a NS. Мунсио показать, ст накождеhere con aurynepolace ruces aux muyor X = [Zu, Jz, Zz] 3x - no make манедению павных мошеньюв (20i) yi, Zi) Detresbusenon, mexonegeme синуперных выхоров Х СЭ noxonegence constenden Censopol XTX= (3xi2 Exixi Exizi (2xij: 38i2 x:2i) (2xiz: 32i2 2Zi2) 6 to nee Epenne, Tengop unegg un gene toren e egumunum ser maceana: - 5 x : 2: - Zx : 2 = 3 + x

Boureaule, 200 DE TE X1X+II = & Ski+ yi+2i2) 011 Porga & Dogues, rye XTX gus -Wenners : UTXTX4 UTIU = C. UTU T=)4TIU= C.11-12 Справа вот диагонимине мия De porno : Ananomeno gna XTX Usar naxonegeme curryngment znoremu X () waxo megenice Coopbennous gnovelmin XTX mosonegeme contelement quaremin WILL - waxonegene corceben-WOR BEKAOPOB 30 UTUCS CONarreyenne curlymeprisix lax Tomb It Te. For zayuru pemantes ogno breweno