19.07.19 B: V x V -s F - Junear. gp. Megrena: Thyong B ware F Bornowers yerobre 1+1+0 Merga convolpamence B - QB. aBranca Suerayrein немуд сингену. б. ср. и има-вы кваду. ср. 12 Q - ul. gp. => 7B - 8. cp. m, T. Q = QB, m.e. $Q(x) = \beta(x, x) \forall x \in V$ Tolomer 5(x,y)= 12(B(x,y) + B(y,x)). Thorga 5 - Car. 8. 0. O(x,x) = B(x,x) = Q(x) = Qp. - Ctopsenmbareans B: VxV-cur. S. cp. Q=QB Q(x+y) = B(x+y, x+y) = B(x,x) + B(x,y) + B(g,x) + B(g,y) -= Q(x) +2/3(x, y) + Q(y) => B(x,y) = = (Q(x+y) - Q(x) - Q(y) => B ogramamo Born no a

3 a revanue 1) Cun 5 gp. 0 = 2 (13(x,y) - 13(y,x)) Hazorbaenia currenjugannie 5. gs. B Ecen B, S - nemmor 5. ap. B u o, mo S= 1 (B+B7) 2) am. 5. gp. B(x,y) = 2 (Q(x,y) - Q(x) - Q(g)) Kezorbaremon novegrugyanger KB. Op. Q Dave comman 1+1+0BF Ong. Manguegnen KB. Op Q B Dazuce @ Hazub. ranjunga co rosepungaring B Jazues e (overs B(O, e)) Tymnen: Q(x1, x2) = x1 + x1 x2 + x2 $e = (e_1, e_2) \Longrightarrow B(Q, e) = \begin{pmatrix} 1 & 3 \\ 2 & 3 \end{pmatrix}$ $Q(x_1, x_2) = (x_1, x_2) \begin{pmatrix} 1 & \frac{1}{2} & (x_1) \\ \frac{1}{2} & 1 \end{pmatrix} \begin{pmatrix} x_2 \\ x_2 \end{pmatrix}$ Ong. Kburg. G. Q ween & Jazuce & Kareoscuración Bug, Com V V= X1e1 + ... + xn en (D(1) = ax12+ ax2+ ...+ anx2 (=> B(Q,e) = diag(an. an))

Meopena: (11150) Des Brenn KB. Cp. Q 7 Jague B Kemopan Q ween wan Buy. to (remog layerence) Unguerra no n. n=1=> Q(x) = a x, - Benno. wor. Doramen gen n. Hyuno B veroquiae Derruce @ B(Q, e) = (Bi,j) Marga Q(x1. xn) = & Bii x2 = 2Bi; x:x; Cegran O: Bij = 0 - mpuBualovo. Cyrin 1: 71; : B; 70. Tepennenokab repensano rayun Bu \$0 Q(x2... xn) = Baxx, 2+RB12 x, x2 + ... + 7B1 x xn + Q(x2...xn) = = B11 (X12 + ZX1 (B11 X2 + .. B11 X1) + Q(X2.. X1) = = B11 / X1 + B11 X2 + .. + B11 Xn) - B11 (B12 X2 + ... + B11 Xu) + Q(x2. Xu) $\begin{pmatrix} x_1' - x_2 + \frac{Bn}{Bn} \times x_2 + \dots & \begin{pmatrix} x_1 - x_1' - \frac{Bn}{Bn} \times x_2' + \dots & \begin{pmatrix} x_2 - x_1' - \frac{Bn}{Bn} \times x_2' + \dots & \begin{pmatrix} x_1 - x_1' - \frac{Bn}{Bn} \times x_2' + \dots & \begin{pmatrix} x_1 - x_1' - \frac{Bn}{Bn} \times x_2' + \dots & \begin{pmatrix} x_1 - x_1' - \frac{Bn}{Bn} \times x_2' + \dots & \begin{pmatrix} x_1 - x_1' - \frac{Bn}{Bn} \times x_2' + \dots & \begin{pmatrix} x_1 - x_1' - \frac{Bn}{Bn} \times x_2' + \dots & \begin{pmatrix} x_1 - x_1' - \frac{Bn}{Bn} \times x_2' + \dots & \begin{pmatrix} x_1 - x_1' - \frac{Bn}{Bn} \times x_2' + \dots & \begin{pmatrix} x_1 - x_1' - \frac{Bn}{Bn} \times x_2' + \dots & \begin{pmatrix} x_1 - x_1' - \frac{Bn}{Bn} \times x_2' + \dots & \begin{pmatrix} x_1 - x_1' - \frac{Bn}{Bn} \times x_2' + \dots & \begin{pmatrix} x_1 - x_1' - \frac{Bn}{Bn} \times x_2' + \dots & \begin{pmatrix} x_1 - x_1' - \frac{Bn}{Bn} \times x_2' + \dots & \begin{pmatrix} x_1 - x_1' - \frac{Bn}{Bn} \times x_2' + \dots & \begin{pmatrix} x_1 - x_1' - \frac{Bn}{Bn} \times x_2' + \dots & \begin{pmatrix} x_1 - x_1' - \frac{Bn}{Bn} \times x_2' + \dots & \begin{pmatrix} x_1 - x_1' - \frac{Bn}{Bn} \times x_2' + \dots & \begin{pmatrix} x_1 - x_1' - \frac{Bn}{Bn} \times x_2' + \dots & \begin{pmatrix} x_1 - x_1' - \frac{Bn}{Bn} \times x_2' + \dots & \begin{pmatrix} x_1 - x_1' - \frac{Bn}{Bn} \times x_2' + \dots & \begin{pmatrix} x_1 - x_1' - \frac{Bn}{Bn} \times x_2' + \dots & \begin{pmatrix} x_1 - x_1' - \frac{Bn}{Bn} \times x_2' + \dots & \begin{pmatrix} x_1 - x_1' - \frac{Bn}{Bn} \times x_2' + \dots & \begin{pmatrix} x_1 - x_1' - \frac{Bn}{Bn} \times x_2' + \dots & \begin{pmatrix} x_1 - x_1' - \frac{Bn}{Bn} \times x_2' + \dots & \begin{pmatrix} x_1 - x_1' - \frac{Bn}{Bn} \times x_2' + \dots & \begin{pmatrix} x_1 - x_1' - \frac{Bn}{Bn} \times x_2' + \dots & \begin{pmatrix} x_1 - x_1' - \frac{Bn}{Bn} \times x_2' + \dots & \begin{pmatrix} x_1 - x_1' - \frac{Bn}{Bn} \times x_2' + \dots & \begin{pmatrix} x_1 - x_1' - \frac{Bn}{Bn} \times x_2' + \dots & \begin{pmatrix} x_1 - x_1' - \frac{Bn}{Bn} \times x_1' + \dots & \begin{pmatrix} x_1 - x_1' - \frac{Bn}{Bn} \times x_1' + \dots & \begin{pmatrix} x_1 - x_1' - \frac{Bn}{Bn} \times x_1' + \dots & \begin{pmatrix} x_1 - x_1' - \frac{Bn}{Bn} \times x_1' + \dots & \begin{pmatrix} x_1 - x_1' - \frac{Bn}{Bn} \times x_1' + \dots & \begin{pmatrix} x_1 - x_1' - \frac{Bn}{Bn} \times x_1' + \dots & \begin{pmatrix} x_1 - x_1' - \frac{Bn}{Bn} \times x_1' + \dots & \begin{pmatrix} x_1 - x_1' - \frac{Bn}{Bn} \times x_1' + \dots & \begin{pmatrix} x_1 - x_1' - \frac{Bn}{Bn} \times x_1' + \dots & \begin{pmatrix} x_1 - x_1' - \frac{Bn}{Bn} \times x_1' + \dots & \begin{pmatrix} x_1 - x_1' - \frac{Bn}{Bn} \times x_1' + \dots & \begin{pmatrix} x_1 - x_1' - \frac{Bn}{Bn} \times x_1' + \dots & \begin{pmatrix} x_1 - x_1' - \frac{Bn}{Bn} \times x_1' + \dots & \begin{pmatrix} x_1 - x_1' - x_1' - \frac{Bn}{Bn} \times x_1' + \dots & \begin{pmatrix} x_1 - x_1' - \frac{Bn}{Bn} \times x_1' + \dots & \begin{pmatrix} x_1 - x_1' - \frac{Bn}{Bn} \times x_1' + \dots & \begin{pmatrix} x_1 - x_1' - \frac{Bn}{Bn} \times x_1' + \dots & \begin{pmatrix} x_1 - x_1' - \frac{Bn}{Bn} \times x_1' + \dots & \begin{pmatrix} x_1 - x_1' - \frac{Bn}{Bn} \times x_1' + \dots & \begin{pmatrix} x_1 - x_1' - \frac{Bn}{Bn} \times x_1' + \dots & \begin{pmatrix} x_1 - x_1' - x_1' - \frac{Bn}{Bn} \times x_1' + \dots & \begin{pmatrix} x_1 - x_1' - x_$ EB11 Xi + Oc (Xz... Xn). Dans no ungyregen

Currani Z Bii=0, reo Fixj Bij ±0 Croba repenyrepoleil repeneración commen Boz 40 Derven zareny $(x_1 - x_1' + x_2)$ $(x_1 - x_2 - x_1')^2 - (x_2')^2$ " X2 = X1 - X2 ×3 = ×3) B noboese roopgureanose Q(x', x,) = 2B12 X1 - 2 B12 X2 + E 2B; x; X; 4 MG1 nonneu B cegezain 1 Bureranne: Dozne, & Komopon Q ween went. Bug, a manne car un ling corpegereren vee Ogressioneres Tynnen O(x1, x2) = x12+ x2, e= (e1, e2) e = (2e, 2e2) (x1 X2) = 9 X1 + 4 x2?

e=(e1...en) - gara. Jozen Duceronyun cuencuy Beremenol. e=(e, e,), a. 7. . He (Pi. . Pk) = (Pi. . Pk) Ck A C, E C, + Cen7 def(x to => <e, ex>= <e, ...ex> e3 E es+ < R1 e27 Tyung Q:V-9F- War gropie. B= B(G,e) Bx = Bx(Q, e) - reborn Beparenti kx & Diox. δ = δ (Q e) = de+ Bk 4-via grobon leunon. So: 21. lever; Tyrono e- Jazue Briga (*). UK warmen 5'x = 5'k (Q,e'), Merger 5'x = 5'x (Bk = Bk (Q,e') Biz (" Bu Cu => Du = del Buz det (Cu. BuCu) = = det Ck de Bk det Ck

Theopera: (vering Growin rynd. 128.9p. 12 Karl. Brigg)
Tyens The #0 UK:1...n Morga I! Jugue & = (Ri. Pn) m, 7 1) Q' ween Bug (*)

2) B nobox koop-ox Q(x1...x1) = S1 X1 + 51 X2 + ... + 51 X1... M.e. Br-1= (0 5) Thyens Beamoper B. Dennyanger KB. C. Q Unen Bermon en B Buge en = en + lali + ... + lans en Maga Vk=1..n-1 B/en, en)=B/ + Qn)= = B(en, ex)+)B(e', en)+ = B(en, ex)+ > k B(e', en) $(m.h B(e_i, e_k) \neq 0 \Rightarrow i = k) \Rightarrow \lambda_k = -B(e_n, e_k)$ $B(e_k, e_k)$ Marga B Jazuce e' meen To some $\delta_{uz} \delta_{u} = \frac{1}{2}$ = $\delta_{1} \cdot \frac{\delta_{2}}{\delta_{1}} \cdot \frac{1}{2} = \delta_{u}$ B(Q, e') = /5, 52, 6