Seminar geometrie 5 B) g1=P1+P2+P3 VIK up wed box in VIK -g2=e2+e3 93= 83 B2 = 8 -91, ..., gn3 $C = \begin{pmatrix} 1 & 0 & 0 \\ 1 & 1 & 1 \end{pmatrix} \Rightarrow 0 \Rightarrow 0 \in C$ A = (aij); jet, m este quatrica de tracera de Q 13, 6 B2 $D = \frac{1}{2} \begin{pmatrix} -1 & 1 & 1 \\ 1 & 1 & 1 \\ 1 & 1 & 1 \end{pmatrix} \begin{pmatrix} 1 & 1 & 0 \\ 1 & 1 & 0 \\ 1 & 1 & 1 \end{pmatrix} = \frac{1}{2} \begin{pmatrix} 1 & 2 & 1 \\ 1 & 0 & -1 \\ 0 & -1 \end{pmatrix}$ dece gi= au fi + azifz+--+ anifn gz=a1281+a2282+...+anz8n BI BZ ga = roin fit azm fz+ - + amn fn $\binom{1}{2} = D \begin{pmatrix} a \\ b \\ c \end{pmatrix}$ $\frac{1}{2} \left(\begin{array}{ccc} 2 & 1 \\ 0 & -1 \end{array} \right) \left(\begin{array}{c} 0 \\ b \\ c \end{array} \right) = \left(\begin{array}{c} 1 \\ 2 \\ 3 \end{array} \right) / 2$ $\begin{pmatrix} 1 & 2 & 1 \\ 1 & 0 & 1 \end{pmatrix} \begin{pmatrix} 0 & 0 \\ 0 & 0 \end{pmatrix} = \begin{pmatrix} 2 & 4 \\ 6 & 0 \end{pmatrix}$ $= \sum_{k=1}^{m} \left(\sum_{k=1}^{m} c_{ki} a_{jk} \right) g_{j} = \sum_{k=1}^{m} \left(\sum_{k=1}^{m} a_{jk} c_{ki} \right) g_{j}$ (2) (a+2b+c=2 2) 5+ C=4=) C=-1 a-c=6 (1) 5+26-1=2 => b=-1 Sim (1) xi (2) => Vj ET, m olji = & ajk. ki =591-92-93 OBS 1) BI A 132 A BI lace nEN' , K corp SERK", advince I'm EN" A ∈ Mm, m/1 a.T. S= { x ∈ k m/A (xm) = (0) now } A.A = Ym] = 74 exte reviersatile p'A=A1 dicur S= pcm 7 851, ... fp3 langa im 3/K=>S/K=>881, ... fp3 $2) B_1 \xrightarrow{\Delta} B_{2,1} \times \in V \Rightarrow (3)! X_1, \dots, X_m \in K,$ 7, x = 1 x = 1 x 1 9 1 x = 2 x 1 9 1 s.l.i => = fpH, - , fm ERMa? BC= 881, ... 8my Both Dononica a Cui KM/K $x = \sum_{j=1}^{\infty} x_{j}^{-1} \cdot g_{j}^{-1} = \sum_{j=1}^{\infty} x_{j}^{-1} \cdot \sum_{j=1}^{\infty} a_{ij} \cdot s_{j}^{-1} = \sum_{j=1}^{\infty} \left(\sum_{j=1}^{\infty} a_{ij} \cdot x_{j}^{-1} \right) s_{ij}^{-1} = \sum_{j=1}^{\infty} \left(\sum_{j=1}^{\infty} a_{ij} \cdot x_{j}^{-1} \right) s_{ij}^{-1} = \sum_{j=1}^{\infty} \left(\sum_{j=1}^{\infty} a_{ij} \cdot x_{j}^{-1} \right) s_{ij}^{-1} = \sum_{j=1}^{\infty} \left(\sum_{j=1}^{\infty} a_{ij} \cdot x_{j}^{-1} \right) s_{ij}^{-1} = \sum_{j=1}^{\infty} \left(\sum_{j=1}^{\infty} a_{ij} \cdot x_{j}^{-1} \right) s_{ij}^{-1} = \sum_{j=1}^{\infty} \left(\sum_{j=1}^{\infty} a_{ij} \cdot x_{j}^{-1} \right) s_{ij}^{-1} = \sum_{j=1}^{\infty} \left(\sum_{j=1}^{\infty} a_{ij} \cdot x_{j}^{-1} \right) s_{ij}^{-1} = \sum_{j=1}^{\infty} \left(\sum_{j=1}^{\infty} a_{ij} \cdot x_{j}^{-1} \right) s_{ij}^{-1} = \sum_{j=1}^{\infty} \left(\sum_{j=1}^{\infty} a_{ij} \cdot x_{j}^{-1} \right) s_{ij}^{-1} = \sum_{j=1}^{\infty} \left(\sum_{j=1}^{\infty} a_{ij} \cdot x_{j}^{-1} \right) s_{ij}^{-1} = \sum_{j=1}^{\infty} \left(\sum_{j=1}^{\infty} a_{ij} \cdot x_{j}^{-1} \right) s_{ij}^{-1} = \sum_{j=1}^{\infty} \left(\sum_{j=1}^{\infty} a_{ij} \cdot x_{j}^{-1} \right) s_{ij}^{-1} = \sum_{j=1}^{\infty} \left(\sum_{j=1}^{\infty} a_{ij} \cdot x_{j}^{-1} \right) s_{ij}^{-1} = \sum_{j=1}^{\infty} \left(\sum_{j=1}^{\infty} a_{ij} \cdot x_{j}^{-1} \right) s_{ij}^{-1} = \sum_{j=1}^{\infty} \left(\sum_{j=1}^{\infty} a_{ij} \cdot x_{j}^{-1} \right) s_{ij}^{-1} = \sum_{j=1}^{\infty} \left(\sum_{j=1}^{\infty} a_{ij} \cdot x_{j}^{-1} \right) s_{ij}^{-1} = \sum_{j=1}^{\infty} \left(\sum_{j=1}^{\infty} a_{ij} \cdot x_{j}^{-1} \right) s_{ij}^{-1} = \sum_{j=1}^{\infty} \left(\sum_{j=1}^{\infty} a_{ij} \cdot x_{j}^{-1} \right) s_{ij}^{-1} = \sum_{j=1}^{\infty} \left(\sum_{j=1}^{\infty} a_{ij} \cdot x_{j}^{-1} \right) s_{ij}^{-1} = \sum_{j=1}^{\infty} \left(\sum_{j=1}^{\infty} a_{ij} \cdot x_{j}^{-1} \right) s_{ij}^{-1} = \sum_{j=1}^{\infty} \left(\sum_{j=1}^{\infty} a_{ij} \cdot x_{j}^{-1} \right) s_{ij}^{-1} = \sum_{j=1}^{\infty} \left(\sum_{j=1}^{\infty} a_{ij} \cdot x_{j}^{-1} \right) s_{ij}^{-1} = \sum_{j=1}^{\infty} \left(\sum_{j=1}^{\infty} a_{ij} \cdot x_{j}^{-1} \right) s_{ij}^{-1} = \sum_{j=1}^{\infty} \left(\sum_{j=1}^{\infty} a_{ij} \cdot x_{j}^{-1} \right) s_{ij}^{-1} = \sum_{j=1}^{\infty} \left(\sum_{j=1}^{\infty} a_{ij} \cdot x_{j}^{-1} \right) s_{ij}^{-1} = \sum_{j=1}^{\infty} \left(\sum_{j=1}^{\infty} a_{ij} \cdot x_{j}^{-1} \right) s_{ij}^{-1} = \sum_{j=1}^{\infty} \left(\sum_{j=1}^{\infty} a_{ij} \cdot x_{j}^{-1} \right) s_{ij}^{-1} = \sum_{j=1}^{\infty} \left(\sum_{j=1}^{\infty} a_{ij} \cdot x_{j}^{-1} \right) s_{ij}^{-1} = \sum_{j=1}^{\infty} \left(\sum_{j=1}^{\infty} a_{ij} \cdot x_{j}^{-1} \right) s_{ij}^{-1} = \sum_{j=1}^{\infty} \left(\sum_{j=1}^{\infty} a_{ij} \cdot x_{j}^{-1} \right) s_{ij}^{-1} = \sum_{j=1}^{\infty} \left(\sum_{j=1}^$ Bc c>B1, for x=(x1,-, xm) Elk m X= 5 x; S = x S+ . . + xp 2 p + xp 1 dp 4+. =) \(\frac{1}{2} \), \(\tau_1 = \frac{1}{2} \), \(\tau_2 = \frac{1}{2} \), \(\tau_1 = \frac{1}{2} \), \(\tau_2 = \frac{1}{2} \), \(\tau_1 = \frac{1}{2} \), \(\tau_2 = \frac{1}{2} \), \(\tau_1 = \frac{1}{2} \), \(\tau_2 = \frac{1}{2} \), \(\tau_1 = \frac{1}{2} \), \(\tau_2 = \frac{1}{2} \), \(\tau_1 = \frac{1}{2} \), \(\tau_2 = \frac{1}{2} \), \(\tau_1 = \frac{1}{2} \), \(\tau_2 = \frac{1}{2} \), \(\tau_1 = \frac{1}{2} \), \(\tau_2 = \frac{1}{2} \), \(\tau_1 = \frac{1}{2} \), \(\tau_2 = \frac{1}{2} \), \(\tau_1 = \frac{1}{2} \), \(\tau_2 = \frac{1}{2} \), \(\tau_1 = \frac{1}{2} \), \(\tau_2 = \frac{1}{2} \), \(\tau_1 = \frac{1}{2} \), \(\tau_2 = \frac{1}{2} \), \(\tau_1 = \frac{1}{2} \), \(\tau_2 = \frac{1}{2} \), \(\tau_1 = \frac{1}{2} \), \(\tau_2 = \frac{1}{2} \), \(\tau_1 = \frac{1}{2} \), \(\tau_ 183/18 131= 2 flog2, f33 f1=(91,1), fz=(1,91), fz=(1,91) 13= { g, g, g, g, g, g, g, e (1,1,1), g, e = (9/,1), g, =(90) a) Sá se det matricea de dricere de 6 15, la 152 ~ (x'n=0 > dig xg=0 (=) ClpH1x1+...+dpHnxn=0 oln,x1+...+dmm=0 Sa se serie rectorul × = (1+2/2+3/3 -Caza b2 BI ABC CTB2 D=AC f1 = e2+e3 => e2=f1-e3 Def he VIK, WIK & rect is givin Jz= 1+123 => 1= J2-13 L'Apriment ca este aplicatio dericasa (morfinm) de f3 = +1++2= \$ f1+ (2-2 (3=)-2e3= f3-f1-f2=) P3 = -3+12+13 1) + x, y e V f (x+y)= f(x)+ g(y) $e_1 = f_2 - \frac{2}{3} - \frac{3}{2} + \frac{1}{3} = \frac{f_2 + f_3 - f_1}{2}$ S)AMEK AXEN P(MX)= MQ(X) e2 = f1+f3+(-f2) $EY: 1) \int_{1}^{1} |R^{2} - 1| |R^{3} - 3| |R^{3} - 3| |R^{2} - 3| |R^{3} - 3|$ e3= 2 81+ 2 52- 3 83