m. Tobopum, uno zagano omodpancence f 14.09,20 my mnommemba X 6 mnommembo Y; enn mencenman uz 2 combement & coombemenbus manenner my "Y" no zavory &.

Goog marenue: B: X->Y; y= f(x); zge: y- odpay mencerma X-moodnay ruma j. Donacomo ompegenemen omodiamemen & (Dom f) - 3mo unonceembo memermos X, somgrace unerom ograzor & V. f Hozerbaeman Ecrogy onnegacérrana, eau Dom &=X Ongr. Omognanceme f: X-> Y mayorbalman uppermubrious, XX1, X2 EX, qua romquese fixil = f(xe) = > x1 = x2 Omodponcesure cydres: mubroe, ecu Im f = V Omochonnesure duermubruoe, ecun ono utresermubrice u coppermubrice. AFAY BEDY MARKET Fres your Cropperyus Mobernon 5-15-36-34 -10-16-3 Company of the party of the par

参一工 多一耳 3 - 24 Ann 2.3. Omograncemue fift A payorbaenna grapmoù onepaqueto ne A вур. 2.4. Декартовым прощведением мноneemba A ra unonceembo B paysibalmen unoncembo been ynonrgorernon nan menmos La, b), rge a E A, b EB Eau A=B, mo gerapmobo mongbegenue. AXA razorbaemet geranmoboun zbagnamou mnoncecmba A. Ong. 2.5. Omograncemme G: AXA-) A maybe baemes Suprappor onepaqueir na unonceembe Onp. 3.1. Moõõe nogumondeambo j' gerapmobal sbagnama A x A naybibaenna Surapribur Omnomenmen na mnonceembe A. 2 gy, Lx, y . Es Car. & prancogumae c 21. y

6 omnouvereur 9). Byr. 3.2. Burgiroe empouerue 9 ma unoncermbo A mayorbaemon: eau XXEA Mascogumas · pequer custiquell, come c cooloir - 6 omponique g. HX EA->X gx; · anmyregrierensur, eaux +x EA re nongumer can c cooon 6 omnouvernu g. VX E A -2x g2; o representation, enu jo re rouremer ru regreezenbroun, mu ammynegnezenbroun By. 3.3 Hog dynebon nommensen A= (aii) payмера mxn поминается щобая матрица, в Lomonou modore muerom aij paben mu o, mu 1. Fryncha manninga pagnenau 1 xn razoibaemar gnebour bernonou. Byr. 3.4. Tycino 1= { X1, X2, ..., Xn } - moust Consuse Lokernoe unonceembo, g- Supannol omponierne na X, Fromobine omnomerno 9 8 coombemenbue byreby manning A (9) parmyou m xn, rge aij = { 1, xi g xi
Lo, xi g xi

Bameropue 3.1. Cam g-pequercubro, mo Yixigxi=1 & A(g)ais=1 Ence 9 - armynegnes cubro, mo + ix; gx; => & Alg) a is = 0 910.0. g - regregues enboro morga u maresso morga, zorga & A 191 ma mabre grasonant. euns u.1, u.o. Onp. 3.5. Omnouverue 9 rea upponcemble A payoubaemair: · commenquerous , eau tt, y EA uz moro, umo x g y bæga aregyem, mo y g x; · annucumenquerement, lave &x,y & A u ognobreme umoro bomonnemma (xgy nygx)-) x=y. • песнинетричнони, если ото не яв-ся пи armucrumenyurronu Cumue multipuli, mu Bannenarure 3.2. Ease g - cumuenpurno, no mu it i u ju ai = t (a;;=0)=> a;j=1(a;;=0). Enn g - annucumenjurno, mo nu jt. j  $u a_{ij} = 1 = 0 a_{ij} = 0.$ 

NO.0-9 - recummenzumo morga u morso morga, 2019a & A(g) eurs omnoumerono matrio guaroparer aumenquerable u re cumusempursuse 1.