Memog tearrement kbaspamil. 5 Tiepezőaraemod, mo Zaneminiemo oznamu L big oznamu X manui Burneg $y = f(\alpha, \alpha_1, \alpha_2, ..., \alpha_m)$ ge - zuerenne oznanes X; y - znarenns oznanes J; de, de, ..., dem - napa nempu, en hare mums buzuerenner, ma, ujo za przysec ma ma eur enc nezu-henry ompunani mani enenipromi zales! * Buchenne oznam X DC1 x2 ... DCi ... x n Bugresine oznami & y1 y2 " yc' " yn Memog traductiones xbagganif combez muyer d1, d2, ..., dm gat elins uyer pipenen'i S= [yi-f(xi,d2,d2,...) xm)]2 Kour f(x, ds, dr, ..., dm) tunes kunepeptri zac meens nosciqui za yeina choi un napamenpany mo heossignes y wola en viene y populari i S 'conaga e en cuency m pibnens 3 m hebisourus. (x, x) $\frac{\partial S}{\partial x_1} = 0$; $\frac{\partial S}{\partial x_2} = 0$; $\frac{\partial S}{\partial x_m} = 0$. Buznenenne pyremy'o houbnor zaminoemi Mine geture (*) tre zubasoms bujilietobarnes europurune garure 63806 ru khuboi y=f(x, 21, 22, 1, 2m).

& Anyo f(x, d2, d2, ..., dm) = d1 x + d2 mo Zaznarenoro kpuboro byse upelle livis y= 2120+2 I young bunagry cucmeres (x,x) love by my repembopena y man zbany hopieaneny cuereny Memory transverse Kbaspanis 3a ymobile brepitatobakup 3a apeleo10; $\int_{\alpha}^{\beta} dz = \sum_{i=1}^{\infty} x_i^2 + dz = \sum_{i=1}^{\infty} x_i y_i$ de sour + de m = Syi Cucmena (x, x) nous bupibusobannes 38/1/02/2007 Za napasseoto y = x1x2 + 22x + dz levree syny Rependopones go Tanoro En megy! $d_1 \ge x_i + d_2 \ge x_i^3 + d_3 \ge x_i^2 = \ge x_i^2 y_i$ $d_1 \sum_{i=1}^{n} \alpha_i^2 + d_2 \sum_{i=1}^{n} \alpha_i^2 + d_3 \sum_{i=1}^{n} \alpha_i = \sum_{i=1}^{n} \alpha_i y_i$ $d_1 \sum_{i=1}^n x_i^2 + d_2 \sum_{i=1}^n x_i + d_3 N = \sum_{i=1}^n y_i$ Shiring kopereying zammeretems ComberguyeTEd, yo ghi oznany X ma I znascogoria 6 repensey of this Zene meroemi, mujo kompany grazer two ognoro 3 neve bignobigat seemen poznogin Ohmoro. Kope segring za remeriones since oznavasues X ma I zagació de Zonomoroso Moperayi d'uoi

massum

Ropeleyling madrugg								(3.)
XX	72	yz	8 T Y	yi	X - X - X	y me	mac	
x_1	my	M12	t (4.	maj		MIN	m_{x1}	
X2	M21	m22		mzj	Cii	mzn	mæz	
	` `	v v	1 1	N .		,		
x_{c}	mia	miz	(,,	mi;		min	maci	
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2k	MKI	mu2		muj	(H	mkn	Mak	
my	myı	myz	111	myi		myn	N	
Υμί παδριμή $3e_2, x_2,, x_i,, x_k$, Υλ, $4x,, 4y,, 4w - cepegury i'umeplasi b αδο γιανεκηρορμακ X maY, a m_{x_1}, m_{x_2},, m_{x_i}, m_{x_i},, m_{x_k}, m_{y_2}, m_{y_2},, m_{y_i},, m_{y_n} - bigno-bignio-bignio recemonu; m_{ij} - 2a comoma, 3 eleoto 34b λες 2a a a a a a a a a a $								
Inno nomin mornin (xi, Ixi) bupibusmu za hemogon han nume rhagpamib bzzobru kpuboi yzf (2e, d1, d2,, dm), mo ocmanns								

Akawwino buznara em 69 einis perpecii x Hay, Havingoconium i nacibancubinement banag-Vany Khubux perpecia & repensionii, Vymobius everpission repeaci perpecii y kaze (x Hay) Hazubasoms Koepinicumou purpecii У на ж (ж на у) і погратають тап Ру/ж (Рх/у). Коефічіснти регресі могшуть бути розрахь— Kant za papuyuquer; Pyloc = $\frac{\overline{XY} - \overline{XY}}{\overline{S^2}}$; Poc/y = $\frac{\overline{XY} - \overline{XY}}{\overline{S^2}}$)

ge $\overline{XY} = \underbrace{\stackrel{\times}{=}} \underbrace{$ Eymny oznak X ma Y; X i I - ix cepegni 344-resurg, a \mathcal{T}_{χ}^{2} ma \mathcal{T}_{χ}^{2} - ix guenepeii; Pibneuns uperuse perpeció masoms torses. $y-\chi=\rho_{y/x}(x-\overline{\chi})$ $\alpha - X = \rho \alpha / y (y - Y)$ Roppingenmay eitherwoi Kopeneyrii Ozhan $X m_4 X$ Hazuba erod be evenuna $\Gamma = \Gamma(X, X) = \frac{X X - X X}{5_X 5_Y} = \pm \sqrt{\frac{1}{2}} \left(\frac{1}{2} + \frac{1}{2} + \frac{1}{2}$

Koepinienm literikot kopeleurit t & Lapanmenryember mannen blacmubocreren. 1) -1 = r = 1: P) r[a(X-20), B(Y-y0)]=r(X, Y) (200, B>0); 3) emujo r(X, I) = ±1, mo um oznakalu Xi'I icuje likicing pyringionarong zgrenemoms (Kover T=1- ppeleg zanemiems, a mour 4) enuyo r(x, X)=0, mo eine orieanamy Xmax bigumny whiche Wopereythe Zacenesses; 5) $Py/2e = r \frac{\sigma_y}{\sigma_x}$ i $Px/y = r \frac{\sigma_x}{\sigma_y}$. Klaggam Koephniemma eikinsuoi kopeneyii gat voegigierem gemepuikaeri, eneut busui-Ognamu X, i nobnamu. Ha maunium npo poznogih oznak X ma Z 6 renepartifici cynymoemi buzuerasomia za gameny bydipny. Sa yeur gangrey leonembo znacinu buddpuoleet koegetyteum liktuthot kopenlegt! TB, execut & bunaquoboro belurumoro. Ba yurobra goernamuto beruiso offery budipmy TB & P. Ducyo poznogn ognan X mg I gocute onyonen go scopeantnoro, mo lionerulo hadenneno blqmames B'manone propuellusió benagnoboro bely rechoso cepegne ubaggamente bigscurente anoi gapitatos 1- F2 , ge N- OSEN Budipay.

Tipuenag postozanne zafari Dagare 1. Louranil-nepeliquen pobera constructura goengruenne tra ocnobreese eeaprespyrax i ogepueen zauvenion lein Capmienno resebegentes & (6 y hobruse ogumyex za 1 mm) i golmemoro magnerpymy n (muc. mu). Pezyestatu goca igucenne Habegen 6 marrien! Traveren Baprocri Xi 10,1 11,4 10,6 Dobruka 12 Boger' nompiono 1) bemanoberne popuy zacemenocom leine fi h, 2) znadnu prhnenny linisknoi propecii ? Ka & ma Eka () 3) Obruchung nospigienm nopere yii budipner me oginemus certy likelishoro 364zry enim & ma V. Pozbuzon. 1) Det Sipyrimybanne zarennoco oznan & ma W rpapieno zovpezuno morren (xi, yi). (5; 10,6) (8; 10,1) (9;9,5) the ministry zanoveniers orman & mon.

2) 360200 line ognarally 5 mg y, every bublacomba leone Syny bregametices pil Hothers Dre obucneum napamempla i b ma korpiyie usa vope newii orragano pozpavijunoh modningi 1 3 5 7 9 11 13 15 16 17 6 perug (x) x: 12 11,4 10,6 10,1 9,5 8,4 8 7,5 7,1 6,6 91,2 1 9 25 49 81 121 169 225 286 289 1225 YE 144 129,96 2 00 70,56 64 37,5 50,41 43,56 844,3 Higi 12 34,2 53 70,7 85,5 92,4 104 112,5 113,6 105,6 783,5 3 kais geno prémerne l'inidhor perpecit 1 ka 5. yn=ax+6 Zaemocyelo eilmog kennemueux Wagpany 6 i Curagano cuemeny pribnens yns by maronny Repairement a i b. $\int_{0}^{\infty} a \sum_{i=1}^{\infty} x_{i}^{2} + b \sum_{i=1}^{\infty} x_{i} = \sum_{i=1}^{\infty} x_{i} y_{i}$ $\left(a\sum_{i=1}^{n}x_{i}+6n=\sum_{i=1}^{n}y_{i}\right)$ N=10 Trigomalnious marenni iz masnini (*) c' ompywyseles cuemercy problems; $a = \frac{183,5-976}{1225}$ 97 $\frac{783,5-976}{1225} + 106 = 91,2 =>$ \Rightarrow 97(0,64-0,086) +106 = 91,2 => $\theta = \frac{29,12}{2,24} = 13$ $a = \frac{783,5-97.13}{1225} = \frac{783,5-1261}{1225} = \frac{-477,5}{1225} = -0.4$ yze 2-0,4x+13.

Than zeur filmenne lividuoi perpecii Ena 2 (8) Dy= ay+6. Dre bypaneure rapamempil a me le za evernogous figuremense Raspamil Zanumano big nobegny encireray prinent. 1 0 差 yi + 6 差 yi = 至 xi yi 1 a 芝生 + 6n = 三かれ Iz modrey (x) vigosolace un hosparolani gan; Ompereye en many en encley promene:) 844,3·a + 91,2 6 = 783,5 91,2 a + 10 6 = 97 Pizhrimero cuemency promous. $a = \frac{783,5 - 91,26}{844,3} = 91,2(0,93 - 0,16) + 10l = 97.$ 2) 84,8-9,12 6+106=97; => 0,886=12,2 => 6=12,2 => 6=12,2 => = 13,9 = 14 $a = \frac{783.5 - 91.2 \cdot 13.9}{844.3} = \frac{783.5 - 1267.68}{844.3} = \frac{-484.18}{844.3}$ =-0,57; => 0=-0,57, b=14 Dy=-0,57x+14, 3) OFTUCIONA ROPPISHEM ROPPLEYIT P GUTEPNU. ROPPISHEM ROPPLEYIT BUJURAEMER ZA POPLEYNOS r(5, 1) = 52 - 3.2. 5. 6n / Heodzigno znachnu futipuoli cepegur godymny ognan 7 may Fn = in Ziziji, cepegur budupuoli

る=山豆なりて=山豆がり ma busipush' cepegnes relagpanuerni bizxurenny Bacmocyt ew obrucken querenne iz madruy (*) FN= 1 2 xigi= 10,783,5=78,35; を = 1 2 x = 10.97=9,7; 1= 5 y = 9,12; Dre fuzuerenne $5 = i \, 5\eta \, \text{cuaques} \, \text{mataenpo}$ gre $(x_i - \overline{x}_B)^2 \, \text{ma} \, (y_i - \overline{y}_B)^2$ $(x_i - \overline{x}_b)^2$ 75,69 44,89 22,09 7,29 0,49 1,69 23 25 25 (yi-yb)2 8,3 5,2 2,2 0,77 0,14 0,52 1,25 2,62 4,08 6,35 Zuangeno oz me on δ3= [= (+5,69+44,89+22,05+7,29+0,49+ +1,69+10,89+28,09+39,69+53,29) 1 1/2 = = \\ \frac{289,1}{0} = 5,61; \(\sigma = 5,61 \) 6 = 1,87.

 $\Gamma(\xi, \eta) = \frac{78,35 - 9,7 \cdot 9,12}{5,61 \cdot 1,87} = \frac{78,35 - 88,46}{10,49} = \frac{-10,11}{10,49} = -0,56$

Ognaky & man, big'teens hopeloolan! Ye buyucrac rog mun, yo how ognaka & zpoctacornana y enagat. Znarenni r brazyt sea me, wyo bogoneyip ornan & man bucoka,