





Z prteyned quey Surguesh Gune your purposule Suraple Maynet u-h p-zweepwile flitypap to le Z - le pxp zuechusteh Sucopphy: topte Z- h whotespeply 5 la specificale apazifuet, anyu judefailetilet p-zurpuch Gunzuguch curpens in spaping a I frienchurghor Jumphynd, ugh purpenesa, nph pupnapjule Sneldypule 5  $\begin{cases} f(x) = \frac{1}{(2\pi)^{P/2}} \det(\Sigma)^{1/2} \exp\left\{-\frac{1}{2}(x-\mu)^{T} \Sigma^{-1}(x-\mu)\right\} \end{cases}$ Vx ERP Thy we purposed by house ytile wo (4, E) - ny: Zumphupmiliter 1) tipte X-h purphenedle 5 Np (M, Z), ceeyee Xj~N(M, Zj) 2) tepte X~ Wp (p, Z) yungenhungun eftelypap 5, a & Rm le BERMXP - le no equipmentuelent etilipping le Scuipphy tile, unyon a + B X -c quinnyout ytelypop 5 Wm (a+Bm, BS BT): 3) topte X = | Y ] - P Gunnyuer fletypop 5 le Cov(Y,Z)=0 unyen Y-p la Z-p whympe tile: 4) tepte X~ Wg (0, I), myn 11X112 = X2+-+X2 yanpuchangante stadneppretile retet X& Rushered: 5) tepte \$ ~ W (0,1) puly 7 ~ X2 le \$-le culique he 5 7-hy, acque \$/\frac{1}{m} que que hacque to Its nep, nely nich Uynegtileph tom purpenes: Ամառային դպրոց «Մաթեմատիկա և կիրառություններ», mathschool.ysu.am