3AAA4A 3, KPYMOB A.U. 505-207 1) ê b ridge-perpecuyu Вспомним свеления о магр. произволной с лекуии: $f(x) = a^{T}X = 0$ $\nabla f = a$, $f(x) = x^{T}Ax = 0$ $\nabla f = (A+A^{T})X$ Onthouse pren prenguous F(0) = 1/4-X0112 + 1/101/2 = = (Y-XO) (Y-XO) + 200 = YTY - 2(YX) 0 + 0. · (X X +) E) O; or nerum, wo (X X +) E) = (X X +) E). TOTAA OF(0) = -2XTY + 2 (XXX+)E)0 = 0, OTKYAA $X'Y = (X^TX + \lambda E)\theta = \hat{\theta} = (X^TX + \lambda E)^T X^TY$ B MAK 6640 Q = (X"X)" X"Y, or charaemoe DE motes chemit marry He Bapoxaemmon (OBPAMMON), TP4BURISHUN remer: XTX = 0, det(xTX)=0, det(xTX+AE) = det(AE) =0 2) WAT TPAA. COYCKA GD: Ot+1 = Ot - noF(0) => Ot+1 = Ot+n (X'Y - (X'X+)E) Ot) SGD: TOXE, HO GERM TO1000 CIPONU (HOMERAMU US I (I= = \ii,-,inf, i,-,ix~U{1,-,n}-6A4), T.e. Ott1= 0+ n. · (XTY- (XY+)E) (E) 3) ECAU PUBLIAM HE PUBLIAMENT N DAYHAROBONU MACWYAGY, TO WIPAP ZA BENYYUW BECOB NPUMEHAEZY N BEUGN "HELMABENAUBO", HEOMHANDER, CTAHLAPTUBAYUNG MOBBOTEET reubectu cronbyon K rubhony Scanned by TapScanner MACWIAGY (NO COTU, U36ABWIG OT PAGMEPHOLTH WOCTABUTS
TONGTO UHGOPMACYWO O PACMPERALHUM MUSHMIA), W-3A YED
VIDGE-PERPECCUA PAGOTARI JAMETHO NYYWE.