

SERTE OF STANDER STANDER STANDER OF HOPONOR MARKET SOLD (6) VAERMXN, ATAEST > 15) 14 if a∈R". A=aaTESTO. $\angle Pf > x^T (A^TA) x = (Ax)^T (Ax) = \langle Ax, Ax \rangle \geqslant 0$ 177 Singular value. 合身值 let limin为ATA自己のケキ子自直 シ らきしているATA自己Singular value (>&(A)= (ATA) by ATA EST 所収入ino 多 ない右丘 (8) norm2 of Matrix A is the maximum singular value of A || A|| = < max (A) = | \lambda max (ATA) (9) Orthogonal Matrix AT=AT => AAT=I=AAT > det(AAT)= det(A) = det(I)=1 为正交证的分别为士1 (96) if A的特征值是X. 网 AT的特征值是X外大 y 17 1, 10 or altotal second attent council attach a calone calon 14