066 Given: Ui - eigenveelors of ATA

vi - eigenveelors of ATA utuj=0 + 170j=0 TO PLOVE 4 - UZVT where u = [ui...] } fium. 2 4 diagonal non-negative matrix Colution :-Eigenvalues of AAT = ATX > ATAui = Liui AAT vi = Li Vi Frm 0 +0 - | Avi = Jiui A= UEVT | UTAV= E | Secaure | Uty = ntwent Given from (11) +(1V) (Avi) A vi + ti VI (ATA) Vi => vT (Nyj) => kj (vi=vj) flow (1)