(1) e,,..,eq E eq eigenrectors of [Sp] B eigenralies 5,7,...7 >970. Inm that: max fa): max a' Bai Use the fact ga) e where ga) = [(15,21-1/2a) g(a)= ((sp²)=1/2 a) $((S_p^2)^{-1/2}a)'B((S_p^2)^{-1/2}a)$ $((S_p^2)^{-1/2}a)'S_p^2((S_p^2)^{-1/2}a)$ $\underline{a}' \left(\sum_{j=1}^{q} \lambda_j \, \underline{e}_j \, \underline{e}_j' \right) \underline{a}$ g (a) ory max