

- 3) Solution to 3-3/2+ (1-1/2)=0
- 5) (-0.16)
  - 6) [ ]
- = 8) Eigenvelle = 0 Eigenvector = dominant eigenvector & A
  - 9) Not possible ne one of cizen vale is O.
    - 10) 30240

5) we Subtract (-0.16). So the first row without los of generality, let a, be the standard beets vector. By Gran - Schnidth process, let a, = a, we get the other victors as,  $\hat{a}_{3} = a_{2} - \hat{a}_{1}^{T} \hat{a}_{2}^{2} \hat{a}_{1}$  as  $\hat{a}_{1}$  is a student busis vec, location with 1. a, a = 1 a, az will be the it value of 92 where i is location of the I and a, will be vector with all as except at it pasition where it will have the i value of az. Since we subtreet from az, In as all alms are unaffected except the its possition which becomes O. Honce if as had non-zero values in other locations, as will sor be a standard busis vector. FALSE

