β 3. $[\alpha - e]$ Friday, November 15, 2024 2:47 AM
$ \begin{pmatrix} 0.3 & 0.4 & 0.7 \\ 0.4 & 0.5 & 0.45 \\ 0.7 & 0.8 & 0.45 \end{pmatrix} $
0.3 is minimum., fuse (1,2) at 0.3 Dissimilarly, (0.5 0.45) - Dissimilarly Matrix.
Min = 0.45, fuse (3,4) at oius. Dissimilarly O.8
Thus, ((1,2), (3,4)) at 0.8. (duster Diagram) Neight. 0.3 min 3
b) single linkage dustering.
0.3 0.4 0.7 0.5 0.45 0.45
0-3 is min-dissimilarly fuse (1,2) at 0-3.
0.4 0.7 0.45
and cluster 3. ((1,2),3) at height ory.
(0.42)
(((1,2),3),4) at 0.45 .
0.45. V.40. Wight 0.3.

() we have clusters (1,2) and (3.4)
from (a).

d) we have clusters ((1,2),3) and (4)
from (b).

e)

cluster Dendrogram.

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