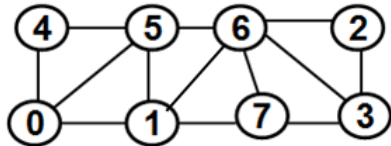


CSC 641 Network Science, Fall 2019
Assignment 1 (Take Home: Due: Oct. 1, 2019: 7.30 PM)

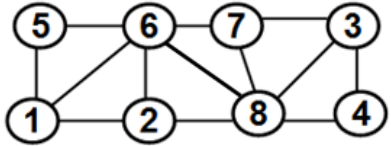
Total: 100 pts

Hardcopy (Neatly written or typed), due in Class

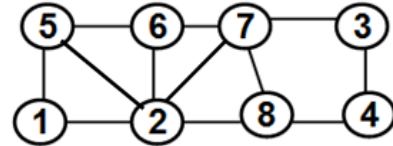
Determine the best possible partitioning of the graph (assigned to you) to communities using the Eigenvector approach discussed in Module 2. Show the partition hierarchy and the modularity scores of the partitions in the hierarchy, including the modularity score for the entire graph considered as a singly community. Show all the work.



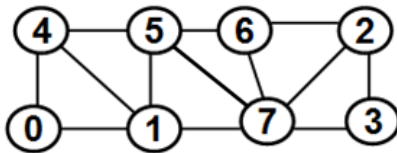
Champion, Jeremy



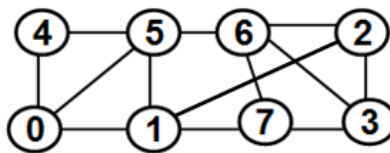
Deanes, Marcus



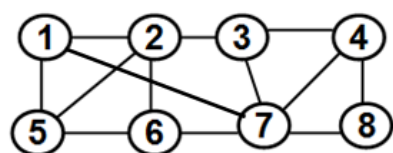
Evans, Rashad



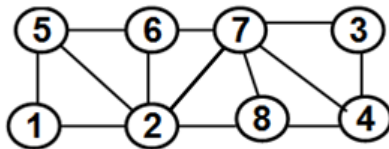
Gammons, Allee



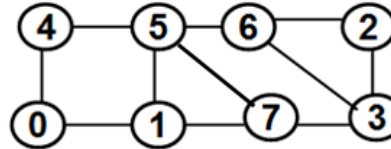
Gebre, Amanuel



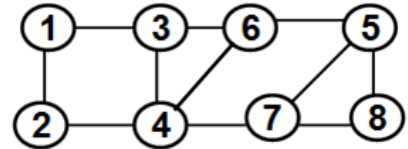
Jones, Quincy



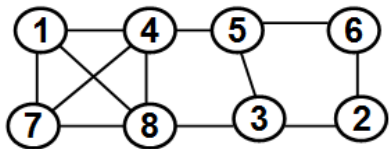
Lewis, Devario



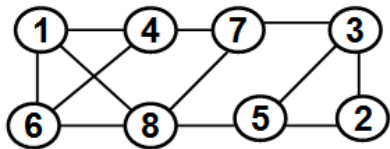
Maduka, Chidiebere



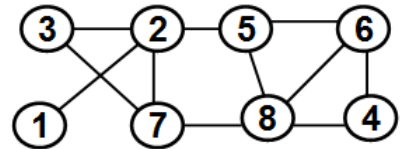
Ukpebor, Augustine



Valliappan, Vallimanalan



Xu, Ran



Zhang, Xuecen