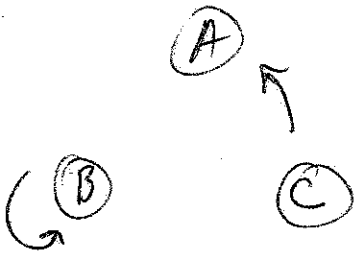


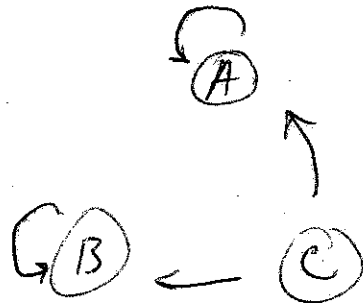
A. Describe what will happen in each of these graphs if we let PageRank decide their page values?

Write the equations first, then "solve". Try a few time steps by hand, then use Excel (if you have access).

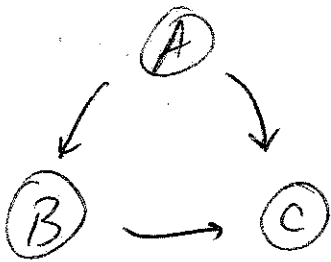
I



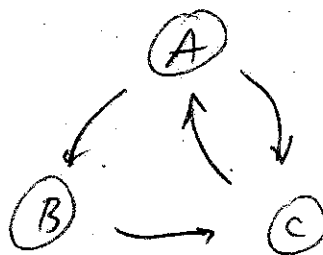
II



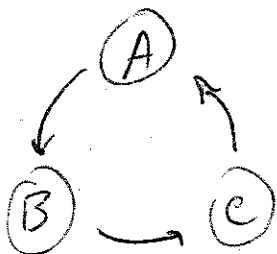
III



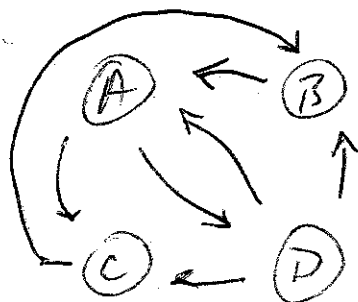
IV



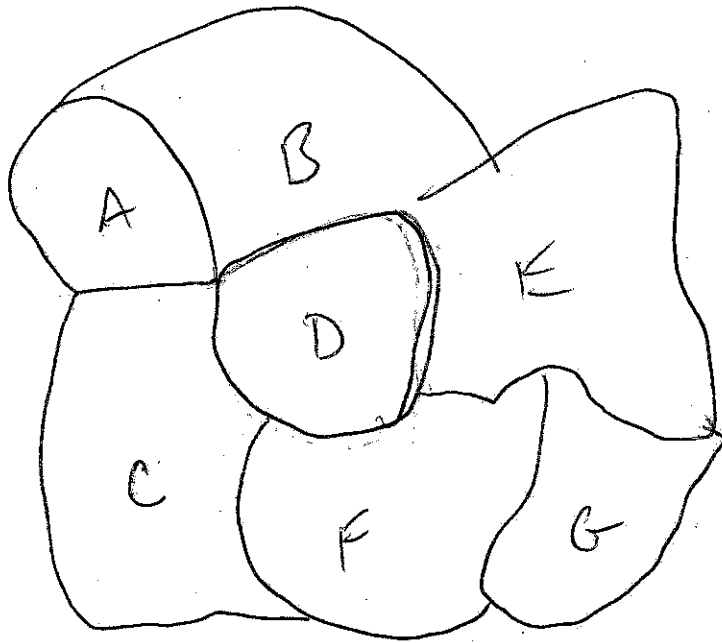
V



VI



B. Create the adjacency matrix for this graph, using



A. Rook's

B. Queen's

adjacency.

C. Create the adjacency matrix for the census tracts of Newport, using

A. Rook's

B. Queen's

adjacency