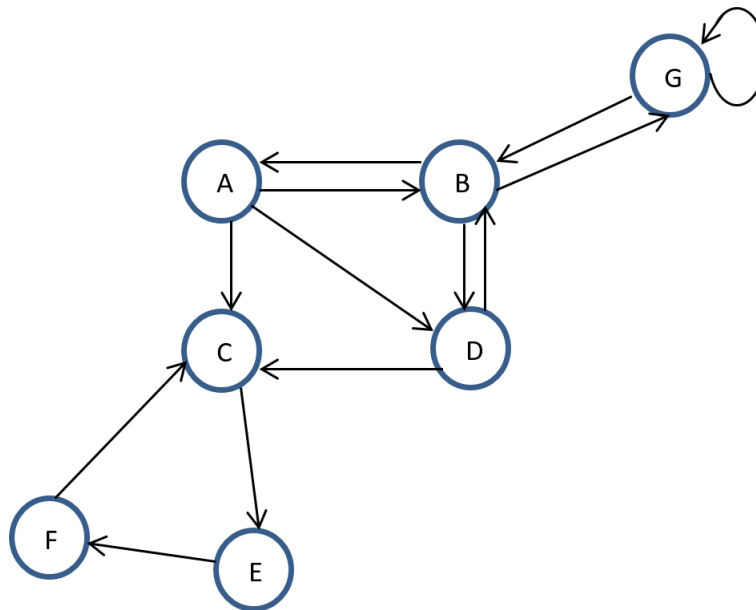# Homework 6

Calculate the page rank for the following network, assuming 20% tax rate.

The transition matrix and the new PageRank after 75 loops are:

M								new_rank_p
0	0.3333333	0	0	0	0	0		0.0587508
0.3333333		0	0	0.5	0	0	0.5	0.1131725
0.3333333		0	0	0.5	0	1	0	0.2359595
0.3333333	0.3333333	0	0	0	0	0		0.0744176
0		0	1	0	0	0	0	0.217339
0		0	0	0	1	0	0	0.2024426
0	0.3333333	0	0	0	0	0.5		0.097918