Ludwig-Maximilians-Universität München   Munich, 26.01.2017
Institut für Informatik
Prof. Dr. Matthias Schubert
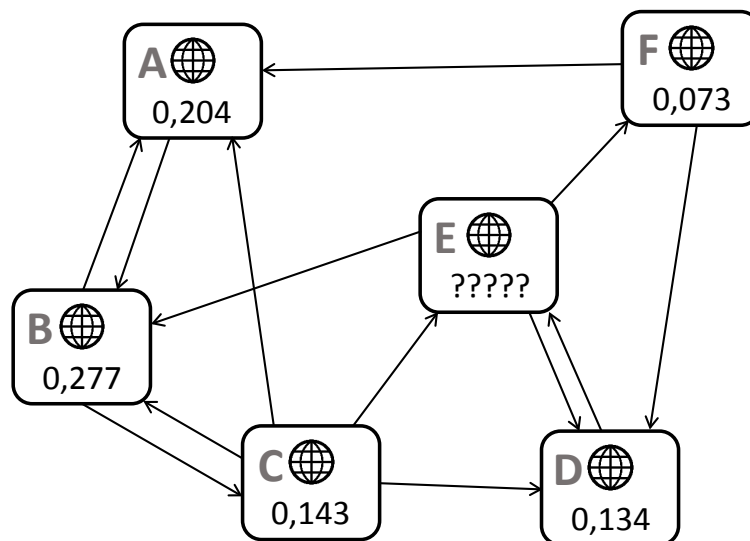Daniyal Kazempour

Big Data Management and Analytics
WS 2016/17

Tutorial 12: Link Analysis

Assignment 12-1   *PageRank*

(a) Explain how the PageRank algorithm avoids to get stuck in a "dead end".

(b) Given the graph as seen above, compute its Google Matrix with $\beta = 0.85$.

(c) How can the actual PageRank values be computed by using the Google Matrix?

(d) Given the graph as seen above, compute the missing PageRank value of node E by using the PageRank equation.