

Due: Before class 02/20/2007

1. DO the following problems in the text: 2.7, 2.8, 2.11, 2.16, 2.18
2. Read section 2.11 of the book describing the page rank algorithm that Google is based on. Also download the software associated with the book (NCM) and look at the functions pagerank.m and pagerankpow.m.

Write down a brief description of the pagerank algorithm, and describe what it covers. In particular your answer should explain the connectivity matrix, page-rank, and the computations involved. (Keep it brief – two to three paragraphs at most).