Society for Undergraduate Mathematics

Presents:

Mathematics behind Google

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In this elementary talk we explain how the web pages are ranked in the search engine "Google". Each of the approximately 3 billion web pages on the internet is ranked according to its "importance", i.e., according to how many other pages have links to it. To this end, a (very large) eigenvalue problem is set up, and then solved. We explain how this problem is constructed, and present some ideas for its solution.

Monday March 3, 2003
Wachman Hall, Room 617, 4:00pm
Graduate students are especially welcome!
Free Doughnuts and Coffee will be available from 3:40 to 4pm
in the Faculty Lounge, Room 626.