



THE \$25,000,000,000 EIGENVECTOR: THE LINEAR ALGEBRA BEHIND



MATH COLLOQUIUM

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Location: AB7 - 114

Thursday, Nov. 10, 11:00am-12:00pm.

ABSTRACT

When Google went online in the late 1990's, one thing that set it apart from other search engines was that its search result listings always seemed to deliver the "good stuff" up front. With other search engines, one often had to wade through screen after screen of links to irrelevant web pages that just happened to match the search text. Part of the magic behind Google is its PageRank algorithm, which quantitatively rates the importance of each page on the web, allowing Google to rank the pages and thereby present to the user the more important (and typically most relevant and helpful) pages first. In this talk, we explore the wonderful linear algebra that lies behind the traditional PageRank algorithm.

FREE PIZZA and REFRESHMENTS at 12:00.

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