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14. ABSTRACT
This grant led to several accomplishments. One of the more important involved web search. We developed a technique of ranking web pages that was unaffected by changing links on a web page. We proved that you could not increase you rank by creating short cycles nor could you hurt the rank of another web page by more than you had increased the pages rank. We also develop techniques for determining which pages contributed most to a given page’s page rank. In the early years of the World Wide Web individuals put links on the pages for navigational purposes. However, as Google and other search engines become very efficient at locating web pages, research ceased putting links on the pages for navigational purposes.

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Accomplishments:

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Other areas we contributed to the development of multi task learning, to techniques for finding communities in graphs and made initial contributions to tracking the flow of ideas in scientific literature. Some initial progress has also been made in determining the connections between people based on when they acquire some item.

Publications:


