About Extreme Analyzes on Graphs and Texts

I present an overview of my research on extreme analyzes of graphs and texts. Extreme refers to very large graphs on the web and computing indices to support search in such graphs. Regarding text analysis, I consider the task of eXtreme multi-label classification of documents, where a few labels (typically less than ten) being selected from a pool of thousands of candidate labels. Other aspects of extreme text analyses are performing tasks such as text classification and recommendations based on extremely short input data, i.e., only the title of scientific publications versus the full text. Applications of my research are among others in professional digital library services.

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