Title: Text Summarization using Random Indexing and PageRank

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ABSTRACT: 
We have developed a single document text summariser that uses Random indexing and PageRank. The summariser can be used as-is but performance and robustness is improved if the word vectors are trained on an external corpus. I will present the techniques, especially on random indexing, and also recent activities on how to make the summariser more accessible and some evaluations on cohesion and readability of summarised texts.

BIODATA: 
Arne Jonsson is a Professor in Computer Science at Linkoping University, Sweden, and Head of the Division of Human Centered-Systems at Linkoping University. His current research interests include digital inclusion, especially techniques for automatic summarisation of texts, automatic FAQ and readability of texts. For more than 25 years he conducted research on natural language interfaces, especially dialogue management and empirical studies of human computer interaction. He is still partly active in that area, but now with a focus on conversational systems and social interaction for educational systems. He has also conducted research on the use of Augmented Reality for collaboration in a command and control situation. He was co-founder of a masters programme in cognitive science, and has been responsible for the program for almost twenty years.