

Introduction

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- Problem: synonymy e.g: airplane aircraft

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- global methods - thesaurus generation, spelling correction

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- local methods - relevance feedback

Relevance feedback

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- what is feedback? - biology, control engineering

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- what is relevance feedback?

When does relevance feedback work?

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- user being able to make an initial query

When does relevance feedback work?

- user being able to make an initial query
- relevant documents being similar

RF drawbacks

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- user experience

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- user experience
- speed

Query Expansion

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- query expansion - users give additional input on query words

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- controlled library, manual thesaurus

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- query expansion - users give additional input on query words
- controlled library, manual thesaurus
- automatically derived thesaurus, query reformulations based on query log mining