

COMPUTER SCIENCE SEMINAR SERIES

Department of Computer Science
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Analysis of Pattern Granularity

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Time : 3:00pm-3:30pm

Venue : CS Seminar Room, Rm Y6405, 6th Floor Yellow Zone, Academic Building, City University of Hong Kong, Tat Chee Avenue, Kowloon Tong.

Abstract

The efficacy of pattern-based question answering system is mostly determined by the size of the semantic pattern base and the expression capability of the semantic patterns. We find that the expression capabilities of semantic patterns are determined by their instantiation degrees. Hence, we propose an evaluation strategy to estimate the instantiation degree of a pattern for a certain semantic requirement. Preliminary results show the proposed method's efficacy to extract patterns at different instantiation levels and their effects in analyzing questions.

Supervisor: Dr Wenyin Liu (CS)
Research Interests: Pattern recognition, natural language processing

All are welcome!

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