

California State University, East Bay

Colloquium/Class Presentation

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A Proposed Authoring System for Mathematical Documents

Language mechanics (construction and meaning) are important when reading and writing any technical text, especially when the text has mathematical content. This talk explores the development of a computerized system designed to help people write mathematical documents, with the goal of understanding and controlling the deep grammatical structure.

This work is based on a thesis presented by one of Dr. Morgan's students, Arvind Punj, that gives background and defines an architecture, and proof of concept software for such a system.