

**UNIVERSITY OF MINNESOTA**

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**Nitin Agarwal**

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and that any and all revisions required by the final examining  
committee have been made.

DR. GARY SHUTE

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Name of Faculty Adviser

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Signature of Faculty Adviser

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Date

GRADUATE SCHOOL

# **Extending the Stream Concept**

A THESIS  
SUBMITTED TO THE FACULTY OF THE GRADUATE SCHOOL  
OF THE UNIVERSITY OF MINNESOTA  
BY

**Nitin Agarwal**

IN PARTIAL FULFILLMENT OF THE REQUIREMENTS  
FOR THE DEGREE OF  
MASTER OF SCIENCE

AUGUST 2004

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