

**CONCORDIA UNIVERSITY  
SCHOOL OF GRADUATE STUDIES**

This is to certify that the thesis prepared

By: Mandana Omidbakhsh

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and submitted in partial fulfillment of the requirements for the degree of

complies with the regulations of the University and meets the accepted standards with respect to originality and quality.

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\_\_\_\_\_ Chair

Dr. Julita Vassileva External Examiner

Dr. Deborah Dysart-Gale External to Program

Dr. Leila Kosseim Examiner

Dr. Nematollah Shiri Examiner

Dr. Olga Ormandjieva Thesis Supervisor

Approved by

\_\_\_\_\_  
Chair of Department or Graduate Program Director

\_\_\_\_\_  
Dean of Faculty