

CONCURRENCY CONTROL AND RECOVERY ALGORITHMS IN NESTED TRANSACTION ENVIRONMENT AND THEIR PROOFS OF CORRECTNESS

by
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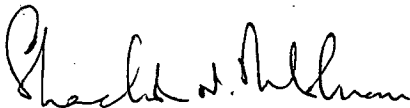


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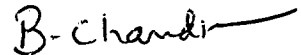
CERTIFICATE

This is to certify that the thesis entitled CONCURRENCY CONTROL AND RECOVERY ALGORITHMS IN NESTED TRANSACTION ENVIRONMENT AND THEIR PROOFS OF CORRECTNESS, which is being submitted by SANJAY KUMAR MADRIA for the award of DOCTOR OF PHILOSOPHY to the INDIAN INSTITUTE OF TECHNOLOGY, DELHI is a bonafide record of research work done under our guidance and supervision.

The thesis has reached the standard of fulfilling the requirements of the regulations relating to the degree. The results obtained in this thesis have not been submitted to any other University or Institute for the award of any degree and diploma.



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TO MY

: late grandparents for blessings

: parents for everything

: teachers for source of encouragement

: friends for love and laughter

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CONTENTS

1. INTRODUCTION	1-9
1.1. Introduction	1
2. NESTED TRANSACTIONS, I/O AUTOMATON MODEL AND SYSTEMS	10-37
2.1. Nested Transactions	10
2.2. Concurrency Control in Nested Transactions	13
2.3. Transaction Processing System Model and User Transactions	15
2.4. Review of I/O Automaton Model	16
2.4.1. Composition Automaton	17
2.5. Nested Transaction System and Correctness	19
2.5.1. Serial Systems	21
2.5.2. Generic Systems	29
2.6. R/W Locking System	34
2.6.1. R/W Locking Objects	34
2.6.2. Proof of Correctness	37
3. AN OPEN AND SAFE NESTED TRANSACTION RECOVERY MODEL TO INCREASE POTENTIAL CONCURRENCY	38-85
3.1. Introduction	38
3.1.1. Review of Previous Models	38
3.1.2. Overview of Our Model	43
3.2. Nested Transaction Recovery Model and System Configuration	52
3.2.1. Transaction Hierarchy for Normal Operations	55
3.2.2. Transaction Hierarchy for System Restart Operations	57
3.2.3. Transaction Hierarchy for	

Buffer Management Operations	59
3.3. Data Structures	60
3.3.1. Log Record and Data Object	60
3.3.2. Transaction and Lock Tables	61
3.3.3. Dirty Data Object Table	62
3.4. Concurrency Control and Locking	63
3.5. Checkpointing and Logging	70
3.5.1. Checkpointing of Tables and Information Logging	70
3.5.2. Commit Logging and Early Writing	71
3.6. Normal Transaction Processing	72
3.7. System Restart	77
3.7.1. Analysis Pass Operations	77
3.7.2. Redo Pass Operations	80
3.7.3. Restart of Top Level Transactions	84
3.8. Handling of Transaction Abort (other than System Crash)	85
4. FORMALIZATION OF OPEN AND SAFE NESTED TRANSACTION RECOVERY	
MODEL IN TERMS OF I/O AUTOMATA AND ITS CORRECTNESS PROOF	86-147
4.1. Introduction	86
4.2. Normal System Operations	87
4.2.1. Transaction Automata	87
4.2.2. DM Automaton : Normal System Operations	98
4.3. Basic Properties	108
4.4. Correctness	116
4.4.1. Construction of a Serial System	117
4.4.2. Structure of a Schedule and Rearrangement of Operations	118
4.4.3. Semantics of Operations	124

4.4.4. Relationship with Moss's Two Phase Locking and Proof of Correctness	127
4.5. System Recovery Algorithm	129
4.5.1. Analysis Pass	133
4.5.2. DM Automaton : Analysis Pass operations	136
4.5.3. Redo Pass	140
4.5.4. DM Automaton : Redo Pass operations	144
4.6. Correctness of Recovery Algorithm	147
4.6.1. Correctness of Analysis Pass	148
4.6.2. Correctness of Redo Pass	149
4.6.3. Correctness of Analysis and Redo Passes	150
4.7. Correctness of the Concurrency Control and Recovery Model	151
5. VIRTUAL PARTITION ALGORITHM : A NESTED TRANSACTION APPROACH	152-185
5.1. Introduction	152
5.2. Virtual Partition Algorithm	154
5.3. Non-replicated Serial System	156
5.4. Virtual Partition Algorithm and Nested Transaction System	156
5.5. Transaction Automata	159
5.6. Data Manager Automaton	169
5.7. A Property of Replicated Serial System B	170
5.8. Correctness	179
5.8.1 Correctness of Replicated Serial System B	180
5.9. Correctness of Concurrent Replicated System	184

6. NESTED TRANSACTIONS AND LINEAR HASH STRUCTURES	186-222
6.1. Introduction	186
6.2. Linear Hash Structure and Nested Transaction System	193
6.3. Bucket Manager Automaton	203
6.4. Link Manager Automaton	209
6.5. Basic Properties	211
6.5.1. A Search Property of System B	215
6.6. Direct Data Locking Objects	217
6.7. Correctness	218
6.7.1. Correctness of System B	218
7. CONCLUSION AND FUTURE WORK	223-225
7.1. Summary	223
7.2. Future Work	224
BIBLIOGRAPHY	226-234