

**THE TRANSIENT BEHAVIOUR OF SOME
MARKOVIAN QUEUES**

by

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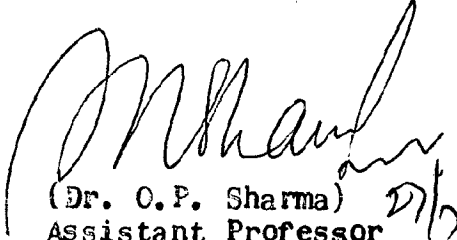
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DEDICATED TO MY PARENTS

C E R T I F I C A T E

I am satisfied that the thesis entitled "The Transient Behaviour of Some Markovian Queues" presented by Mr. Umesh Chandra Gupta is worthy of consideration for the award of the degree of Doctor of Philosophy and is a record of the original bonafide research work carried out by him under my guidance and supervision and that the results contained in it have not been submitted in part or full to any other University or Institute for the award of any degree or diploma.

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CONTENTS

	Page
ACKNOWLEDGEMENTS	1
SYNOPSIS	iv
CHAPTER I INTRODUCTION	1 - 35
1.1 General Description	1
1.2 Markovian Queueing Systems	9
1.3 Non-Markovian Queueing Systems	22
1.4 Infinite Server Queue	31
CHAPTER II TRANSIENT BEHAVIOUR OF M/M/1/N QUEUE	36 - 60
2.1 Introduction	36
2.2 Basic Equations and Main Results	39
2.3 Infinite Waiting Space	48
2.4 Some Important Results	50
2.5 Some Results About the Polynomial $g_n(x)$	58
CHAPTER III A METHOD FOR THE TRANSIENT SOLUTION OF THE MARKOVIAN QUEUES	61 - 83
3.1 Introduction	61
3.2 M/M/1/N System	63
3.3 Correlated Server Case	69
3.4 Tandem Queues	77
CHAPTER IV M/M/ ∞ QUEUES IN SERIES WITH NON-HOMOGENEOUS INPUTS	84 - 116
4.1 Introduction	84
4.2 Basic Equations and Solutions	85
4.3 Certain Important Conclusions	101

CHAPTER V	TRANSIENT SOLUTION FOR A MODEL OF QUEUES IN SERIES	117 - 159
5.1	Introduction	117
5.2	Historical Background	118
5.3	Runge-Kutta Method	123
5.4	Description of the Model and its Solution	126
5.5	Conclusions	147
REFERENCES		160 - 176