

# DECLARATION

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I hereby declare that the matter embodied in this Ph. D. Thesis is the result of the research carried out by me in the Department of Mathematics, Faculty of Science, The Maharaja Sayajirao University of Baroda, Vadodara 390002, under the guidance of Dr. H. R. Kataria, Professor, Department of Mathematics, Faculty of Science, The Maharaja Sayajirao University of Baroda, Vadodara 390002.

The work presented here is, to the best of my knowledge and belief, original and is carried out by me. The books and articles, which I have made use of are acknowledged at the respective places in the thesis.

This thesis is not submitted for the award of any other degree or any other title to this University or to any other universities or institutions.

(Rahul Mehta)

Vadodara

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Forwarded through research guide.

Dr. H. R. Kataria

(Guide)

Professor

Department of Mathematics

Faculty of Science

The M. S. University of Baroda

Vadodara 390002

Vadodara

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