

## P R E F A C E

The material of the present thesis is based on the researches which I have been carrying on since July, 1976 at the Maharaja Sayajirao University of Baroda, Baroda, on 'A Study of the absolute convergence and the absolute summability of lacunary Fourier series' under the able guidance and supervision of Professor V. M. Shah, M. Sc., Ph. D., F. N. A. Sc., Head, Department of Mathematics, Faculty of Science, The Maharaja Sayajirao University of Baroda.

The present thesis contains six chapters. A part of Chapter VI is published in the form of a paper in the Journal of the M. S. University of Baroda, Volume XXIX, Science No.3 (1980), pp. 49-56. One result of Chapter VI was presented at the 69th Session of the Indian Science Congress Association held at Mysore in December 1981. The result of Chapter III is accepted for publication in the Journal of the M. S. University of Baroda, Volume XXX, Science No.3 (1981). A part of Chapter II has been accepted

for presenting at the 53rd annual conference of the National Academy of Sciences, India, to be held at Goa in October 1983. The rest of the results of the present thesis are under communication for publication.

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