

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, 1962 at The Maharaja Sayajirao University of Baroda on 'Convergence and Summability problems of lacunary Fourier series' under the guidance of Professor U. N. Singh, M.A., D. Phil., Dr.ès Sc.(Paris).

The present thesis contains six chapters. A part of chapter II is published in the Journal of the M. S. University of Baroda and the rest of the results incorporated in this chapter were presented at the conference of the Indian Mathematical Society held at Nagpur in December 1969. Results from Section 3 of chapter IV were presented at the conference of the Indian Mathematical Society held at Bangalore in December 1968. A part of chapter V is published in the form of a paper in the Indian Journal of Mathematics, Allahabad(India) and the remainder of chapter V and the contents of chapter VI have been accepted for publication in the Publication de l'Institut Mathématique, Beograd(Yugoslavie).

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