The present thesis entitled **ABSOLUTE SUMMABILITY FACTORS OF INFINITE SERIES** embodies the result of my researches which I have been doing since March 1966 at the Aligarh Muslim University Aligarh. The work has been done under the esteemed guidance of Dr. S.K. Mazhar, M.Sc., D.Phil. (Allahabad) Reader in Mathematics, Department of Applied Science, College of Engineering and Technology, Aligarh Muslim University, Aligarh.

The thesis consists of eight Chapters. In the first chapter we give a résumé of the hitherto known results which have interconnections with our investigations. Chapter II is concerned with the study of $|V, \lambda|_k$-summability factors of infinite series. In Chapter III, we define a new method of summability, namely summability $|V, \lambda|_k$ for $k \geq 1$ and apply the same to generalize a number of results due to various workers. Chapters IV and V are devoted to the study of $|V, \lambda|_k$ summability factors of Fourier series. Chapter VI contains a result on the absolute Cesaro summability factors of infinite series, while Chapter VII is concerned with the study of $|A, \gamma|_k$ summability factors of infinite series. In the last Chapter, we have included a subsidiary matter which is devoted to the study of localization problem for Fourier series. Towards the end, we give a fairly extensive bibliography of various
publications which have been referred to in the present thesis.

It may be mentioned here that the major portion of this thesis, presented in the form of papers, have been communicated for publication in various mathematical journals. One of them has already been published in the Kodai Mathematical Seminar Reports, while others have been read at the annual conferences of the Indian Mathematical Society.

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