ACKNOWLEDGEMENTS

I would like to take this opportunity to express my deep sense of gratitude and thanks to Dr. G.K. Johri for his continued inspiration, help and able guidance during the present course of investigations.

My sincere gratitude are also due to Dr. S.L. Srivastava and Prof. Krishnaji of Physics Department Allahabad University for providing experimental facilities, useful discussions, cooperation and encouragement in the present work. Thanks are also due to Prof. C. Ramasastry of Physics Department Indian Institute of Technology, Madras for allowing me to use millimeter wave set ups (Q and E bands) of his Department.

I am grateful to Prof. D. Rama Chandra Rao, Physics Department, Indian Institute of Technology, Kanpur for encouragement and help in developing X-band set up and to Prof. S.C. Srivastava Principal, Prof. A.L. Srivastava, Prof. G.C. Pandey and other members of the Physics Department for encouragement and cordial cooperation.

KANPUR
1980

(S. K. SRIVASTAVA)