Statement under O. Ph.D. 8 of the M.S. University

This is to certify that the work included in the Thesis is my own work carried out under the supervision of Dr. H. S. Desai and it leads to some new contribution in the subject of Physics. Wherever observations of others are used, they are duly acknowledged as references.

Baroda

Dated :- 2 Nov 1983

Tau M.S. Rao)

Research Student

This is to certify that the present work being submitted in the form of a Thesis in fulfilment of the requirements for Ph.D. degree of the M.S.University, by Mr. N.S.Rao is his original work and leads to the advancement of knowledge in the subject of Physics.

The entire research work and the Thesis has been built up under my supervision.

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