

OPTIMALITY CRITERIA AND DUALITY IN
COMPLEX MATHEMATICAL PROGRAMMING

by

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Thesis submitted to the Indian Institute of Technology, Delhi
for the award of the Degree of
DOCTOR OF PHILOSOPHY

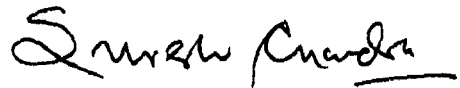
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CERTIFICATE

This is to certify that the thesis entitled "Optimality Criteria and Duality in Complex Mathematical Programming" which is being submitted by Mr. Tilak Raj Gulati for the award of Doctor of Philosophy (Mathematics) to the Indian Institute of Technology, Delhi, is a record of bonafide research work. He has worked for the last four years under my guidance and supervision.

The thesis has reached the standard fulfilling the requirements of the regulations relating to the degree. The results in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.



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