

**LATTICE DYNAMICS OF MIXED SUPERIONIC FLUORITES
AND
MIXED LAYERED STRUCTURE CRYSTALS**

by

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*THESIS SUBMITTED
IN FULFILMENT OF THE REQUIREMENTS FOR
THE AWARD OF THE DEGREE OF
DOCTOR OF PHILOSOPHY*



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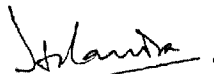
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DEDICATED
TO
MY MOTHER AND FATHER

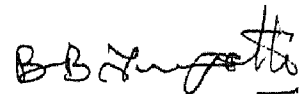
CERTIFICATE

This is to certify that the thesis entitled,
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MURARI MOHAN SINHA is worthy of consideration for the award
of the Degree of DOCTOR OF PHILOSOPHY in Physics and is a
record of the original bonafide research work carried out by
him under our guidance and supervision.

To the best of our knowledge the results presented
in this thesis have not been submitted in part or full to
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