THE THEORY OF SPECIAL RELATIVITY

A PROJECT BY

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This project is submitted as an examination paper for the Master of Science fourth semester examination in Mathematics at Ramakrishna Mission Vidyamandira

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16/04/2019

CLASSIFICATION OF SURFACES VIA MORSE THEORY

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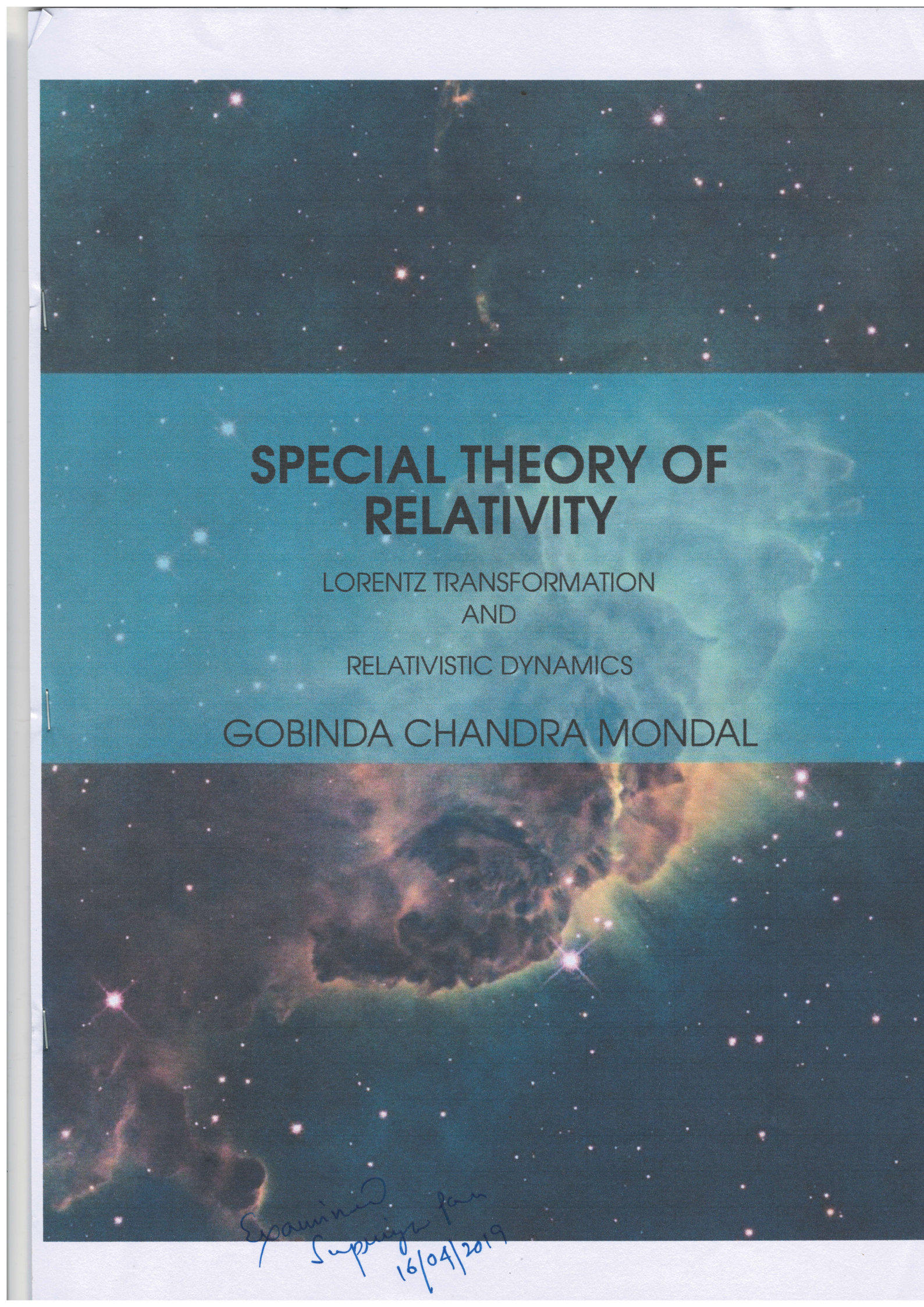Department of Mathematics

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SPECIAL THEORY OF RELATIVITY

LORENTZ TRANSFORMATION
AND

RELATIVISTIC DYNAMICS

GOBINDA CHANDRA MONDAL

Examined
Supervised for
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SOME ASPECT OF EINSTEIN'S SPECIAL THEORY OF RELATIVITY AND MINKOWSKI SPACE

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PROJECT WORK

ON

MIXED BOUNDARY VALUE PROBLEM IN ELASTICITY

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DIRICHLET DIVISOR PROBLEM

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PETER-WEYL THEOREM

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NUMERICAL SOLUTION OF STIFF DIFFERENTIAL EQUATION

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SOLUTION OF POISSON'S EQUATION USING GREEN'S FUNCTION

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Differential Topology

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Boussinesq Equations as a Model of Interfacial-Wave Propagation

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On some aspects of Invariant Subspaces of Linear Operators

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