

CHAOS THEORY AND DOUBLE PENDULAM

Project report submitted to Christ College (Autonomous) in partial fulfillment of the requirements for the award of the MSc. Degree programme in Mathematics

by

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Department of mathematics
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Irinjalakuda 2022

CENTRALITY MEASURES

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Perfect Graphs

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THE CATENARY AND BRACHISTOCHRONE PROBLEMS

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CAYLEY GRAPHS AND ITS APPLICATIONS

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LOTKA-VOLTERRA MODEL

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Representation Theory Of Groups

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A Study on Lie Algebras

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KNOT THEORY

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GRAPH COLOURING AND ITS APPLICATIONS

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Riesz Space

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Mathematics of Paper Folding

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FRACTAL GEOMETRY

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Graceful Graphs

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Integer Partition Theory

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