

SUBORBITAL GRAPHS OF LINEAR FRACTIONAL
TRANSFORMATION GROUPS $\mathcal{H}(\sqrt{M})$ ON
THE HYPERBOLIC PLANE

The seal of Chiang Mai University is a circular emblem. It features an elephant in the center, facing left, with a traditional Thai umbrella (parasol) above its head. The text "อิตตมานันท์ ทมยพันธุ์ ปณัฑิตา" is written in Thai script along the top inner edge, and "CHIANG MAI UNIVERSITY 1964" is written in English along the bottom inner edge.

WANCHALERM PROMDUANG

MASTER OF SCIENCE

IN MATHEMATICS

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GRADUATE SCHOOL
CHIANG MAI UNIVERSITY

JULY 2015

SUBORBITAL GRAPHS OF LINEAR FRACTIONAL
TRANSFORMATION GROUPS $\mathcal{H}(\sqrt{M})$ ON
THE HYPERBOLIC PLANE

WANCHALERM PROMDUANG

A THESIS SUBMITTED TO CHIANG MAI UNIVERSITY IN PARTIAL
FULFILLMENT OF THE REQUIREMENTS FOR THE DEGREE OF
MASTER OF SCIENCE
IN MATHEMATICS

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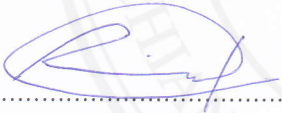
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WANCHALERM PROMDUANG


THIS THESIS HAS BEEN APPROVED TO BE A PARTIAL FULFILLMENT OF
THE REQUIREMENTS FOR THE DEGREE OF
MASTER OF SCIENCE
IN MATHEMATICS

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(Dr. Rasimate Maungchang)


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