

SUBORBITAL GRAPHS FOR CONGRUENCE SUBGROUPS
OF THE EXTENDED MODULAR GROUP AND
CONTINUED FRACTIONS

The seal of Chiang Mai University is a circular emblem. It features a central figure of an elephant standing and facing left. Above the elephant's head is a five-pointed star with a flame-like center. The entire emblem is encircled by a border containing the university's name in Thai script at the top and 'CHIANG MAI UNIVERSITY 1964' in English at the bottom.

KHUANCHANOK CHAICHANA

MASTER OF SCIENCE

IN MATHEMATICS

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GRADUATE SCHOOL
CHIANG MAI UNIVERSITY

JULY 2015

**SUBORBITAL GRAPHS FOR CONGRUENCE SUBGROUPS
OF THE EXTENDED MODULAR GROUP AND
CONTINUED FRACTIONS**

KHUANCHANOK CHAICHANA

**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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**GRADUATE SCHOOL, CHIANG MAI UNIVERSITY
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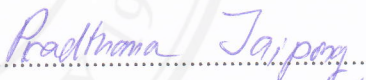
KHUANCHANOK CHAICHANA

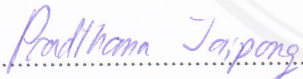
THIS THESIS HAS BEEN APPROVED TO BE A PARTIAL FULFILLMENT OF
THE REQUIREMENTS FOR THE DEGREE OF
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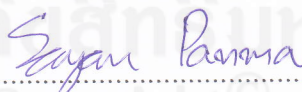
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