

**TWIN HYPER-ELLIPSOIDAL SUPPORT
VECTOR CLASSIFIER**

KASEMSIT TEEYAPAN

DOCTOR OF PHILOSOPHY

IN ELECTRICAL ENGINEERING

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**GRADUATE SCHOOL
CHIANG MAI UNIVERSITY
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**A THESIS SUBMITTED TO CHIANG MAI UNIVERSITY IN PARTIAL
FULFILLMENT OF THE REQUIREMENTS FOR THE DEGREE OF
DOCTOR OF PHILOSOPHY
IN ELECTRICAL ENGINEERING**

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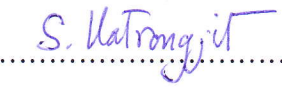
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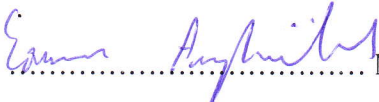
THIS THESIS HAS BEEN APPROVED TO BE A PARTIAL FULFILLMENT OF
THE REQUIREMENTS FOR THE DEGREE OF
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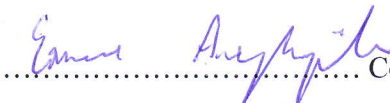
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20 December 2017

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To My Mom and Dad



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Kasemsit Teeyapan