

**DATA REDUCTION IN SUPERVISED TRAINING
PROCESS USING INPUT-OUTPUT
CLUSTERING**

ANUSORN YODJAIPHET

DOCTOR OF PHILOSOPHY

IN ELECTRICAL ENGINEERING

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**GRADUATE SCHOOL
CHIANG MAI UNIVERSITY**

AUGUST 2015

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USING INPUT-OUTPUT CLUSTERING**

ANUSORN YODJAIPHET

**A THIS THESIS SUBMITTED TO CHIANGMAI UNIVERSITY IN PARTIAL
FULFILLMENT OF THE REQUIREMENTS FOR THE DEGREE OF
DOCTOR OF PHILOSOPHY
IN ELECTRICAL ENGINEERING**

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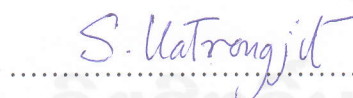
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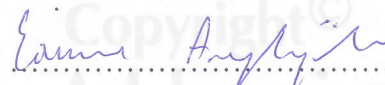
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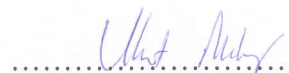
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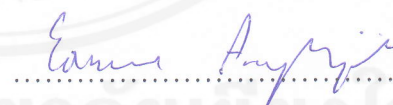

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3 August 2015

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