

**OPTIMAL ALLOCATION OF FLEXIBLE ALTERNATING
CURRENT TRANSMISSION SYSTEM CONTROLLERS
WITH MULTI-OBJECTIVE FUNCTIONS**

SUPPAKARN CHANSAREEWITTAYA

DOCTOR OF PHILOSOPHY

IN ELECTRICAL ENGINEERING

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**GRADUATE SCHOOL
CHIANG MAI UNIVERSITY**

APRIL 2016

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**A THESIS SUBMITTED TO CHIANGMAI UNIVERSITY IN PARTIAL
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DOCTOR OF PHILOSOPHY
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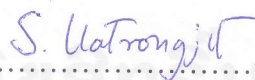
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