

**VOLTAGE SAGS GENERATOR BASED ON
CARRIER-BASED PWM TECHNIQUE**

WORRAJAK MUANGJAI

**DOCTOR OF PHILOSOPHY
IN ELECTRICAL ENGINEERING**

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**GRADUATE SCHOOL
CHIANGMAI UNIVERSITY**

MARCH 2016

**VOLTAGE SAGS GENERATOR BASED ON
CARRIER-BASED PWM TECHNIQUE**

WORRAJAK MUANGJAI

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

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THIS THESIS HAS BEEN APPROVED TO BE A PARTIAL FULFILLMENT OF
THE REQUIREMENTS FOR THE DEGREE OF
DOCTOR OF PHILOSOPHY
IN ELECTRICAL ENGINEERING

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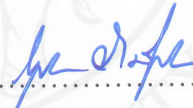
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4 March 2016

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