

**CONTROL OF SINGLE-PHASE CASCADED H-BRIDGE
MULTILEVEL INVERTER FOR GRID-CONNECTED
PHOTOVOLTAIC SYSTEMS**



CHAIYANT BOONMEE

**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
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THIS THESIS HAS BEEN APPROVED TO BE A PARTIAL FULFILLMENT OF
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11 May 2017

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Dedicated to my parents and family



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