NEAR-EDGE X-RAY ABSORPTION FINE STRUCTURE (NEXAFS) SPECTROSCOPY OF CHLORINE ATOMS IN SMALL MOLECULES

AMPHOL WONGJAMRAS

DOCTOR OF PHILOSOPHY IN PHYSICS

THE GRADUATE SCHOOL
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MAY 2012

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A THESIS SUBMITTED TO THE GRADUATE SCHOOL 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 THE REQUIREMENTS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY IN PHYSICS

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