

**EFFECT OF TRANSITION METAL ION DOPING ON THE  
PHOTOCATALYTIC ACTIVITY OF TITANIUM DIOXIDE**

**NATDA WETCHAKUN**

**DOCTOR OF PHILOSOPHY  
IN MATERIALS SCIENCE**

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**MARCH 2008**

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**NATDA WETCHAKUN**

**A THESIS SUBMITTED TO THE GRADUATE SCHOOL IN  
PARTIAL FULFILLMENT OF THE REQUIREMENTS  
FOR THE DEGREE OF  
DOCTOR OF PHILOSOPHY  
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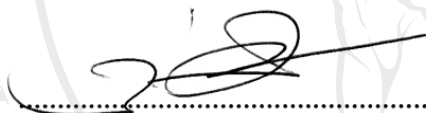
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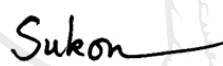
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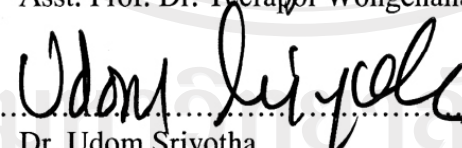
THIS THESIS HAS BEEN APPROVED  
TO BE A PARTIAL FULLFILLMENT OF THE REQUIRMENTS  
FOR THE DEGREE OF DOCTOR OF PHILOSOPHY  
IN MATERIALS SCIENCE


EXAMINING COMMITTEE

  
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10 March 2008

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Natda Wetchakun



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