

**ACTIVATED MOLECULAR CLOUD CLUSTER MODEL  
OF SOLAR SYSTEM FORMATION**

**KRISADA RAWIRUSWATTANA**

**A THESIS SUBMITTED TO THE GRADUATE SCHOOL IN  
PARTIAL FULFILLMENT OF THE REQUIREMENTS  
FOR THE DEGREE OF  
MASTER OF SCIENCE  
IN PHYSICS**

อิชิกิริมหาวิทยาลัยเชียงใหม่  
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## EXAMINING COMMITTEE

..... B - S - + L + L ..... CHAIRPERSON  
Assoc. Prof. Boonrucksar Soonthornthum

..... Wim Nhuapeng ..... MEMBER  
Dr. Wim Nhuapeng

*Busaba Kramer* ..... MEMBER  
Dr. Busaba Kramer

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Krisada Rawiruswattana