

**REGULARITY IN SEMIGROUPS OF  
TRANSFORMATIONS WITH  
INVARIANT SETS**

**WANIDA CHOOMANEE**

**MASTER OF SCIENCE  
IN MATHEMATICS**

**THE GRADUATE SCHOOL  
CHIANG MAI UNIVERSITY**

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**A THESIS SUBMITTED TO THE GRADUATE SCHOOL IN  
PARTIAL FULFILLMENT OF THE REQUIREMENTS  
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THIS THESIS HAS BEEN APPROVED  
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