

**SOME ALGEBRAIC PROPERTIES OF  $O(I_n)$**

**SARAWUT PHUAPONG**

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

ลิขสิทธิ์มหาวิทยาลัยเชียงใหม่

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**THE GRADUATE SCHOOL  
CHIANG MAI UNIVERSITY**

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