

**THE EFFECTS OF HOME-BASED ELECTRICAL STIMULATION  
COMBINED WITH TASK-SPECIFIC EXERCISE ON  
UPPER EXTREMITY FUNCTION IN  
PATIENTS WITH HEMIPLEGIA**

**WALLAPA TRITIP**

**MASTER OF SCIENCE**

**IN MOVEMENT AND EXERCISE SCIENCES**

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**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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