

**BAER-LEVI SEMIGROUPS OF PARTIAL
TRANSFORMATIONS**

BOORAPA SINGHA

DOCTOR OF PHILOSOPHY

IN MATHEMATICS

ลิขสิทธิ์มหาวิทยาลัยเชียงใหม่

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THE GRADUATE SCHOOL

CHIANG MAI UNIVERSITY

NOVEMBER 2011

**BAER-LEVI SEMIGROUPS OF PARTIAL
TRANSFORMATIONS**

BOORAPA SINGHA

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

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THIS THESIS HAS BEEN APPROVED
TO BE A PARTIAL FULFILLMENT OF THE REQUIREMENTS
FOR THE DEGREE OF DOCTOR OF PHILOSOPHY
IN MATHEMATICS

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ACKNOWLEDGEMENTS

Pursuing a doctoral degree is definitely one of the hardest and most stressful thing in my life. Many people have been a part of my graduate education, without them this research would not have been possible. First and foremost, I offer my sincerest gratitude to my supervisor, Assoc. Prof. Jintana Sanwong, for her patient guidance and continuous support throughout my time as her student. I have been lucky to have a supervisor who cared so much about every progression of my work. I also want to express my gratitude to the thesis committee members, consisting of Prof. Dr. Sompong Dhompongsa, Assoc. Prof. Dr. Sorasak Leeratanavalee, Asst. Prof. Dr. Chaiwat Namnak and Asst. Prof. Dr. Vitor Hugo Fernandes.

I have learned many things from Prof. R P Sullivan from the University of Western Australia, who formed this research topic. I would like to thank him for giving me an opportunity to work with him in the first two years of my studies. My sincere thanks also go to Prof. Masami Ito, for his kindness and hospitality during my research visit at Kyoto Sangyo University, Japan, in April-June 2011. Special thanks are due to Prof. Vitor Hugo Fernandes for sharing his research ideas on transformation semigroups with me when I visited the FCT-UNL and CAUL, Portugal, in August-October 2011. I gratefully acknowledge the support of the Office of the Higher Education Commission, Thailand by a “Strategic Scholarships for Frontier Research Network” grant which enabled me to join a Ph.D. program for my doctoral degree and also gave me good opportunities to go abroad for research, I really appreciate for it. I also thank Chiangmai Rajabhat University for the financial support during my studies.

Last but not least, acknowledgement belong to my father, my mother who passed away, my family and friends.

Boorapa Singha