

**CHARACTERIZATION OF TERNARY METAL SULFIDES
SYNTHESIZED USING MICROWAVE RADIATION**

KAMONWAN AUP-NGOEN

**DOCTOR OF PHILOSOPHY
IN MATERIALS SCIENCE**

ลิขสิทธิ์มหาวิทยาลัยเชียงใหม่

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**THE GRADUATE SCHOOL
CHIANGMAI UNIVERSITY
JUNE 2013**

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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
TO BE A PARTIAL FULFILLMENT OF THE REQUIREMENTS
FOR THE DEGREE OF DOCTOR OF PHILOSOPHY
IN MATERIALS SCIENCE

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ACKNOWLEDGEMENTS

I would like to acknowledge many people who have supported in various ways in achievements of this thesis work. Firstly, I would like to express my sincere gratitude to my supervisor, Professor Dr. Somchai Thongtem for his kind advice, continual support, encouragement, helpful suggestions and reviewing the manuscript throughout the research works. I would also like to thank Associate Professor Titipun Thongtem and Dr. Sulawan Kaowphong, my co-supervisors, for their useful ideas, discussions and comments to complete this work. This research has been supported by The Thailand Research Fund (TRF) throughout The Royal Golden Jubilee Ph.D Program (RGJ) for a scholarship which enabled this work to be carried out. So I would like to thanks for all supporting me as a RGJ-Ph.D. student during five years in Ph.D. program. Thanks are also due to the Department of Physics and Materials Science, Department of Chemistry, Faculty of Science, Chiang Mai University and Electron Microscopy Research and Service Center (Chiang Mai University) for providing all laboratory facilities. Finally, I would like to reiterate my thanks to Professor Yi-Bing Cheng who gave me the opportunity in vast experience of doing research in his group at Department of Materials Engineering, Monash University, Australia. I also thank to my parent, Wannaporn Kum-Phumee, together with Rattachai Pinchaipat and my friends whose name are not listed here, and those who have one way or another contributed to the success of this work.