

**Multimedia Encryption Using  
Bit-plane Decomposition Technologies**

by

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**Master of Science in E-Commerce Technology**

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**Faculty of Science and Technology  
University of Macau**

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Using Bitplane Decomposition Technologies

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Approved by \_\_\_\_\_  
Supervisor

\_\_\_\_\_  
Date \_\_\_\_\_

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I declare that the thesis here submitted is original except for the source materials explicitly acknowledged and that this thesis or parts of this thesis have not been previously submitted for the same degree or for a different degree.

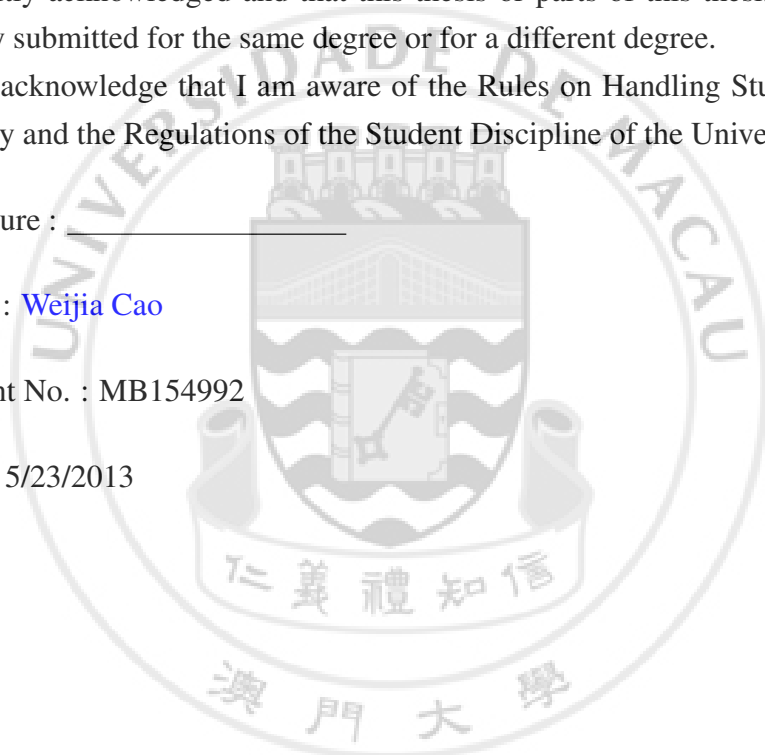
I also acknowledge that I am aware of the Rules on Handling Student Academic Dishonesty and the Regulations of the Student Discipline of the University of Macau.

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I would like to dedicate this thesis to my loving parents for approving me to do this research. Besides, it will be much appreciated my respected supervisor Prof.Zhou who brought me to do this topic at the beginning and he is always so patient when I encountered problems. I overcame lots of troubles with the help of Prof.Zhou who often explained so thoroughly. Last but not the least, thanks to my friends and classmates who also have gave me a great help during the period of my research.

