

國立交通大學

分子科學研究所

碩士論文

利用電場變調紅外線吸收光譜研究化學平衡：
從簡單的液體系統到複雜的油包水乳液



Chemical Equilibria Studied

by Infrared Electroabsorption Spectroscopy:

From a Simple Liquid to a Complex Water/Oil Suspension

研究生：李依純

指導教授：重藤真介 博士

中華民國九十八年七月

利用電場變調紅外線吸收光譜研究化學平衡：
從簡單的液體系統到複雜的油包水乳液

Chemical Equilibria Studied
by Infrared Electroabsorption Spectroscopy:
From a Simple Liquid to a Complex Water/Oil Suspension

研究生：李依純

Student：I-Chun Lee

指導教授：重藤真介 博士

Advisor：Dr. Shinsuke Shigeto



Submitted to Department of Institute of Molecular Science
College of Science

National Chiao Tung University

in partial Fulfillment of the Requirements

for the Degree of

Master of Science

in

Institute of Molecular Science

July 2009

Hsinchu, Taiwan, Republic of China

中華民國九十八年七月