國立交通大學

機械工程學系

博士論文

以週期性的空氣吹離法改善燃料電池一氧化碳毒化容忍 度與微型燃料電池設計與性能分析

ES

Improvement of CO Tolerance of PEMFC by Periodic Air Bleeding Technique & Design and Performance Analysis of Micro PEMFC

研 究 生: 鍾振忠

指導教授:陳俊勳 教授

中華民國九十八年五月

以週期性的空氣吹離法改善燃料電池一氧化碳毒化容忍度與微型燃料 電池設計與性能分析

Improvement of CO Tolerance of PEMFC by Periodic Air Bleeding Technique & Design and Performance Analysis of Micro PEMFC

研究生:鍾振忠 Student: Chen-Chung Chung

指導教授:陳俊勳 Advisor:Chiun-Hsun Chen



Submitted to Department of Mechanical Engineering

College of Engineering

National Chiao Tung University

in Partial Fulfillment of the Requirements

for the Degree of

Doctor of Philosophy

in Mechanical Engineering

May 2009

Hsinchu, Taiwan, Republic of China

中華民國九十八年五月