

DECLARATION

The work submitted in this dissertation is the result of my own investigation, except where otherwise stated.

It has not already been accepted for any degree, and is also not being concurrently submitted for any other degree




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16 December 2009

We/I endorse the declaration by the candidate.


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CONTENTS

Declaration	i
Abstract	iv
Acknowledgement (optional)	v
List of Figures	vi
List of Tables	viii
List of Principal abbreviations	ix
1. Introduction	1
1.1 Motivation	2
1.2 Goals/Scope of the Fuel cell Concept	4
1.3 World energy demand	5
1.4 Vision of H ₂ Clean energy economy based on renewable in Combinations	7
1.5 What is Hydrogen Fuel	8
1.6 Physical and Chemical properties of H ₂	8
1.7 How is H ₂ produced	9
1.7.1 Reformation of natural Gas	9
1.7.2 Bio mass Gasification	9
1.7.3 Coal Gasification	9
1.7.4 Carbon Black and Hydrogen Process	10
1.7.5 Electrolysis of Water	10
1.8 PEM based Electrolyzer	10
1.9 History of FC	11
1.10 Hydrogen Fuelled PEM fuel cell applications	12
1.10.1 Transportation	13
1.10.2 under water applications	15
1.10.3 Distributed power generation	15
1.10.4 Residential Power	15
1.10.5 Portable power	16
2. Regenerative Fuel cell Systems explained	17
2.1 Introduction to the PEMFC	17
2.2 Types of Fuel cells	19
2.1.1 Polymer Exchange membrane Fuel Cell (PEMFC)	19
2.1.2 Alkaline Fuel Cell (AFC)	19
2.1.3 Phosphoric Acid Fuel Cell (PAFC)	20
2.1.4 Solid Oxide Fuel Cell (SOFC)	20
2.1.5 Molten Carbonate Fuel Cell (MCFC)	20
2.1.6 Direct Methanol Fuel Cell (DMFC)	17
2.3 Structure of the Fuel cell	21
2.3.1 Electrode Layer	21
2.3.2 Gas diffusion Layer	21
2.3.3 Catalyst Layer	21
2.3.4 Bipolar Plates	21

2.4 Structure of the polymer electrolyte	22
2.5 Water Management in the PEMFC	24
2.5.1 Over View of the Problem	24
2.5.2 Air flow and water evaporation	24
2.6 Operating Pressure of FC	26
2.6.1 Outline of the Problem	26
3. Theoretical Development of Fuel cell Electro-Chemistry	27
3.1 Mathematical model of Fuel cell in the literature	27
3.1.1 Creating Mathematical Models	29
3.2 Fuel cell electrochemistry	31
3.2.1 Introduction	31
3.2.2 Basic electro kinetic Concepts	31
3.2.3 The voltage loss for the polarization curve	32
3.2.4 Modeling the catalyst Layer	35
3.2.5 The ohmic voltage loss	40
4. Modeling of PEM Fuel cell Heat and Pressure	42
4.1 Fuel cell thermodynamics	42
4.1.1 Entropy of Hydrogen oxygen and water in the PEM fuel cell	42
4.2 Heat transfer of Fuel cell	43
4.3 Energy balance for Fuel Cell Layers	44
4.4 Modeling the temperature in the Interior layer and Gas diffusion layer.	48
4.5 Pressure Drop in Flow Channels	50
5. PEM Fuel cell Special Features	52
5.1 Compression between batteries and fuel cells for Photovoltaic system backups	52
5.2 Efficiency and hydrogen consumption efficiency	53
5.3 Efficiency and fuel cell voltage	55
5.4 Why is the efficiency of PEMFC not 100%	56
5.6 Implementation of PEMFC system	55
5.6.1 Solar hydrogen Fuel cell system for a Home	55
5.6.2 PEMFC stack principle	58
5.6.2 Solar Hydrogen Fuel cell Basic model	59
5.6.3 Fuel cell Concept Model vehicle	60
6. Conclusions	62
References	66
Appendix A GDL (gas diffusion layer) Modeling	68
Appendix B Useful Fuel Cell Equations	73
Appendix C modeling and simulation MatLab Programs	75

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List of Figures

Figure	Page	
1.1	Illustrates wind, solar and hydroelectric power.	3
1.2	Energy Consumption	5
1.3	Primary energy demand by region, (% AAGR is for 1980–2030)	6
1.4	World electricity generation by fuel	6
1.5	Percent average annual growth rate (%AAGR)	7
1.6	Hydrogen Production Pathways	9
1.7	Electrical power from renewable energy sources.	10
1.8	A simplified diagram of the PEM electrolyzer	11
1.9	The principle of an electrolyzer.	11
1.10	Two prototype automobiles powered by fuel cells	13
1.11	Fuel cell bicycle	13
1.12	Fuel cell air craft	13
1.13	Assemble alkaline fuel cells for Apollo space craft	14
1.14	Fuel cell Boat	14
1.15	Fuel cell powered mining vehicle	14
1.16	A fuel-cell distributed power plant	15
1.17	A fuel-cell power plant for residential applications	16
1.18	Fuel cell portable applications	16
2.1	Structure of Fuel Cell	18
2.2	Fuel Cell Structural reactions	19
2.3	The construction of anode/electrolyte/cathode assembly	21
2.4	Compacted Single cell PEMFC	22
2.5	Structure of polyethylene	22
2.6	Structure of PTFE	23
2.7	structure of a sulphonated fluoroethylene	23
2.8	The structure of Nafion-type membrane materials	23
2.9	The different water movements to, within, and from the electrolyte of a PEM fuel cell	25
2.10	Simple motor driven air compressor and PEM fuel cell.	26
3.1	Parameters that must be solved for in a mathematical model	28
3.2	Model-building sequence	30
3.3	Fuel cell electrochemical reactions at the electrolyte and electrode	31
3.4	A Polarization curve generated in MATLAB	34
3.4	B Power curve generated in MATLAB	34
3.5.	A Cell current as a function of effectiveness factor	38
3.5.	B Butler-Volmer activation losses	38
3.5.	C Polarization curve	39
3.5.	D Superficial flux density of Hydrogen	39

3.6	Ohmic loss as a function of fuel cell area	41
4.1	Hydrogen and Oxygen entropies as a function of temperature	43
4.2	Stack illustration for heat flow study	44
4.3	Fuel cell layer as a control volume	45
4.4	Temperature plots for $t = 60, 300,$ and 1000 sec using 7 slices per layer	47
4.5	The simplified geometry of GDL	48
4.6	3D Plot of Temperature in Interior layer	49
4.7	Temperature in Gas Diffusion Layer	49
5.1	The overall losses In PEMFC system	56
5.2	Solar hydrogen Fuel cell system for a Home	57
5.3	Fuel cell basic model	59
5.4	Fuel cell Concept car	60



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List of Tables

Table	Page
1.1 Hydrogen density	8
1.2 Hydrogen Properties	8
1.3 Hydrogen density compared to other fuels	8
1.4 History of Fuel cell Development	12
3.1 Comparison of Recent Mathematical Models	29
3.2 Parameters for derivation	35
4.1 Material Properties Used for Heat Transfer Calculations	46
5.1 Efficiency and hydrogen consumption	53
5.2 Efficiency limits for PEMFC	55
5.3 The properties of the Fuel cell	57
5.4 Cost analysis of the Solar-Hydrogen FC system for a Home	58
5.5 PEMFC Experimental data	59



List of Principal Abbreviations

DMFC	Direct methanol fuel cell
EMF	Electromotive force
HHV	Higher heating value
LHV	Lower heating value
MCFC	Molten carbonate (electrolyte) fuel cell
MEA	Membrane electrode assembly
MOSFET	Metal oxide semiconductor field-effect transistor
NASA	National Aeronautics and Space Administration
PAFC	Phosphoric acid (electrolyte) fuel cell
PEM	Proton exchange membrane or polymer electrolyte membrane – different names for the same thing which fortunately have the same abbreviation
PEMFC	Proton exchange membrane fuel cell or polymer electrolyte membrane fuel cell
PTFE	Polytetrafluoroethylene
SOFC	Solid oxide fuel cell
CB&H	Carbon Black & Hydrogen Process
GE	General Electric
AFC	Alkaline Fuel Cells
GDL	Gas Diffusion Layer
PV	Photovoltaic