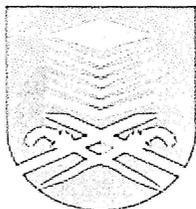


MATLAB MODELLING OF SIMPLE PROPULSION SYSTEM

This project thesis is presented in partial fulfillment for the award of the
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MUHAMAD ASRI BIN SALLEH
BACHELOR (HONS) IN ELECTRICAL ENGINEERING
FACULTY OF ELECTRICAL ENGINEERING
UNIVERSITI TEKNOLOGI MARA

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Muhamad Asri Bin Salleh

Faculty of Electrical Engineering

Universiti Teknologi MARA

Shah Alam, Selangor

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ABSTRACT

This paper presents the dynamic characteristic of electric propulsion systems and explains why these developments are economically and operationally desirable. It describes the application of electric motors and their converters into a ship's propulsion system and discusses the characteristics and attributes of each system's operation and control. Using the capability of Matlab/Simulink software, the dynamic characteristics of the induction machine will be analyzed. A Simulink model enables various operating characteristics of the propulsion system to be determined and analyzed particularly its dynamic characteristics during the starting period of the system. The main objective of this project is to study dynamic characteristic of Induction motor propulsion system.

TABLE OF CONTENTS

INTRODUCTION

CHAPTER 1

PROPULSION SYSTEM EVALUATION

1.1. An Evaluation Methodology	1
1.1.1 Selection criteria	1
1.1.2. Design goals	2
1.2. Comparison Between Mechanical And Electrical Propulsion	2
1.2.1 Simplicity And Flexibility	3
1.3 Advantages Of Electrical Propulsion System	4
1.3.1 Applications Of Electrical Propulsion System	4
1.3.2 Advantages	4
1.4 Electric Drives for Research Ships	5

CHAPTER 2

ELECTRICAL PROPULSION DRIVES

2.1 Introduction	6
2.2 Two/Four Quadrant Control	6
2.3 Propulsion System Motors	7
2.3.1 The AC Motor	8
2.3.2 Induction Motor Drives	8
2.4 Converter for Induction Motor Drives	8
2.4.1 Induction motor systems	9
2.5 The AC/PWM Inverter /AC Induction Motor Drive	10
2.5.1 System Description	10
2.5.2 Control complexity	12
2.5.3 Three-Phase Induction Motor Operation	12
2.5.4 Induction Machine Modes Of Operation	14
2.5.5 Drive advantages	15
2.5.6 System attributes	16

CHAPTER 3

SIMPLE PROPULSION SYSTEM MODEL USING MATLAB/SIMULINK

3.1 Simulation of electrical propulsion system	17
3.2 Model Description	18
3.2.1 General Description	18
3.2.2 Voltage supply onboard ship	19
3.2.3 AC-DC-AC Converter	20
3.2.4 Diode Rectifier	21
3.2.5 PWM Inverter	21
3.2.6 Controlling the Inverter Bridge with a Pulse Generator	22
3.2.7 Loading and Driving the Motor	22
3.3 Introduction to MATLAB/Simulink	23
3.3.1 Tool for Simulation	24
3.3.2 Tool for Model-Based Design	24
3.4 Simulink Library (model blockset)	25
3.4.1 Induction Motor using MATLAB/simulink	26
3.4.2 Inertia, friction factor, and pairs of poles	28
3.4.3 Universal Bridge (inverter)	29
3.4.4 Three-Phase Transformer (Two Windings)	32
3.4.5 DC Supply Voltage and Measurement Components	35
3.4.6 Function block	41

CHAPTER 4

SIMULATING RESULT AND DISCUSSION

4.1 Simulating The PWM Signal With Continuous Integration Algorithm	43
4.2 Controlling the Inverter Bridge with a Pulse Generator	45
4.3 Simulating of AC-DC-AC Converter	45
4.4 Varying frequency	47