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DYNAMICS AND CONTROL OF FLEXIBLE GANTRY CRANE SYSTEM

by

EDWAR YAZID

The undersigned certify that they have read, and recommend to the Postgraduates Studies Programme for acceptance this thesis for the fulfillment of the requirements for the degree stated.

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DYNAMICS AND CONTROL OF FLEXIBLE GANTRY CRANE SYSTEM

By

EDWAR YAZID

A Thesis

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BANDAR SERI ISKANDAR,

PERAK

AUGUST 2010

DECLARATION OF THESIS

Title of thesis

Dynamics and Control of Flexible Gantry Crane System

I **EDWAR YAZID**

hereby declare that the thesis is based on my original work except for quotations and citations which have been duly acknowledged. I also declare that it has not been previously or concurrently submitted for any other degree at UTP or other institutions.

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“There are two types of minds - the mathematical, and what might be called the intuitive. The former arrives at its views slowly, but they are firm and rigid; the latter is endowed with greater flexibility and applies itself simultaneously to the dive” - Blaise Pascal

(Bandar Seri Iskandar, April 2010)

I dedicated this thesis to my parents and grand parents who always pray for my success.

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