97-1 Preliminary Syllabus, Da-Yeh Univ

Information

Title		Serial No. / ID	1129 / EGR 5012
Dept.		School System / Class	1 1
Lecturer		Full or Part-time	
Required / Credit	Optinal / 3	Graduate Class	NO
Time / Place	( )345 / H367	Language	Chinese

Introduction

.Imparting professional knowledge of the nonlinear system

.stablishment of electrical and mechanical concepts related to the nonlinear system

.Integrated linear and nonlinear systems and processes used in the design of professional

.Higher professional training of the international perspective, process design and build advanced, high difficulty
(such as aircraft, space shuttle, etc.) the system design capabilities

Outline

1. Introduction
2. Phase plane analysis
3. Lyapunov's direct method
4. Advanced Stability theory
5. Describing function analysis

Prerequisite

1.Control System
2.Engineering Mathematics
3.Linear System Analysis