98-1 Preliminary Syllabus, Da-Yeh Univ

Information

Title		Serial No. / ID	2021 / MUR 5047
Dept.		School System / Class	1 1
Lecturer		Full or Part-time	
Required / Credit	Optinal / 3	Graduate Class	NO
Time / Place	( )9A / H455 ( )2 / H455	Language	Chinese

Introduction

This course teaches the necessary theoritical and pratical aspect of the Robust Design method and shows a variety of applications from different engineering disciplines.

Outline

1. Principles of Quality Engineering
2. Matrix Experiments Using Orthogonal Arrays
3. Steps in Robust Design
4. Signal-to-Noise Ratios
5. Achieving Additivity
6. Constructing Orthogonal Arrays
7. Computer Aided Robust Design
8. Design of Dynamics Systems

Prerequisite

Basic Mathematics
Statistics