

Microwave Filter Design (2011 Spring)

by Prof. Tzong-Lin Wu

● 教科書：

1. Jia-Sheng Hong and M. J. Lancaster, "Microstrip Filters for RF/Microwave Applications", Wiley, 2001
2. Richard J. Cameron, Chandra M. Kudsia, and Raafat R. Mansour, "Microwave Filters for Communication Systems: Fundamentals, Design, and Applications", Wiley, 2007
3. Notes

● 時間表：

週別	日期	內容
1	02/22(二)	Introduction and Network Analysis
2	03/01(二)	Basic Concepts and Theories of Filters
3	03/08(二)	出國
4	03/15(二)	Basic Concepts and Theories of Filters
5	03/22(二)	Transmission Lines and Components
6	03/29(二)	Lowpass and Bandpass Filters
7	04/05(二)	春假
8	04/12(二)	Lowpass and Bandpass Filters
9	04/19(二)	Lowpass and Bandpass Filters
10	04/26(二)	Highpass and Bandstop Filters
11	05/03(二)	Highpass and Bandstop Filters
12	05/10(二)	<i>Mid-term Report</i>
13	05/17(二)	出國
14	05/24(二)	Coupled Resonator Filters
15	05/31(二)	Coupled Resonator Filters
16	06/07(二)	Coupled Resonator Filters
17	06/14(二)	<i>Final-report</i>
18	06/21(二)	<i>Final-report</i>

● 課程助教：

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課程網頁：

<http://ntuemc.tw/index.php?node=microwave-filter>