

# EE 4383/5371, FALL 2001 HOMEWORK/Proj. #9

## ANNOUNCEMENTS:

- EXAM 3 is TUESDAY December 4: Material Covered is Homeworks 8 and 9 ONLY
- Homework 9 SOLUTIONS available MONDAY 1:30 PM: pick up outside my door or from the Web Site
- Possible REVIEW SESSION (???) for Exam 3: Monday December 2 at 5:00 PM (room T. B. D.)
- THURSDAY December 6 will be REVIEW for the FINAL EXAM during class time
- MONDAY December 10, 6:00 PM is a possible REVIEW SESSION (???) (room T. B. D.)
- The FINAL EXAM is TUESDAY DECEMBER 11 at 10:00 A. M. – 1:00 P. M.

HOMEWORK #9 ASSIGNED: 11/27/01 (Tuesday)

**DUE: Part A (SHORT): Nov. 30 (Friday) by 2:30 PM** in my office (Eng. 339A)

**Part B (LONG): December 3 (Monday) by 1:00 PM** in my office (Eng. 339A) NO LATE HOMEWORKS SO THAT SOLUTIONS CAN BE GIVEN AT 1:30 PM

<b>OFFICE HRS:</b>	Mon.:	1:30 – 2:30
	Tue.:	1:30 – 2:30
	Wed.:	1:30 – 2:30 (may need to cancel often)
	Thur.:	1:30 – 2:30
	Friday:	11:00 – 12:00 noon

Course Web Site:

[http://www.ece.utep.edu/test/faculty/sergio\\_cabrera/ee4383.htm](http://www.ece.utep.edu/test/faculty/sergio_cabrera/ee4383.htm)

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## TO-DO FOR THIS HOMEWORK:

### A. Second assignment on Discrete Fourier Transform (DFT)

Reading: Sections: 5.4

A-I From our textbook:

**BOTH:** 5.30; 5.32 b)-e);

**Part A-II: From MATLAB book by McClellan et. al. Read relevant background then do:**

- Exercise 3.1, page 91

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### B. Third assignment on Discrete Fourier Transform (DFT)

Reading: Sections: 6.1.1; 6.1.3; 6.1.4 (see also 6.1.2); 6.2.2

From our textbook:

1. **EE4383 only:** 6.11; 6.8
2. **BOTH:** 6.13; 6.16; 6.19; 6.23
3. **EE5371 only:** 6.3