

THE UNIVERSITY OF TENNESSEE
Department of Mechanical, Aerospace and Biomedical Engineering
 January 25, 2008

AE/BME/ES/ME 53X
Section 002

Mechanical Vibrations
Spring 2008

TR 9:40 - 10:55 A. M.
102 Perkins Hall

Instructor: Dr. Boulet, 607 Dougherty Engineering Bldg., 974-8376, boulet@utk.edu
 Office Hours: TR 2:00 - 3:00 P. M. and WF 11:00 A. M. - Noon
 Required Text: *Analytical Methods in Vibrations*, L. Meirovitch, Macmillan, 1967

Day	Date	Reading	Problems	Page(s)
1	January 10	---	---	---
2	15	1-1, 2, 3	---	---
3	17	1-1, 2, 3	1	28
4	22	NO CLASS		
5	24	SDOF, Harmonic Input	---	---
6	29	1-8	5	28
7	31	1-9	7	28
8	February 5	1-4, 5, 6, 7	2, 3	28
9	7	1-4, 5, 6, 7	9	29
10	12	7-4, 5, 6	---	---
11	14	7-4, 5, 6	2	324
12	19	3-1, 2, 3, 4, 5	1, 3, 6	71 - 72
13	21	4-1, 2, 3	---	---
14	26	4-3, 5	1, 5	124 - 125
15	28	4-7, 9	6	124 - 125
16	March 4	4-10, 11	7, 8, 9	124 - 125
17	6	7-1, 3	2	324 - 325
18	11	5-9	8	202
19	13	5-10	9, 10, 11	202 - 203
	14 - 21	NO CLASS - SPRING BREAK/RECESS		
20	25	5-11	13, 14	203
21	27	5-11	15	203
22	April 1	5-12	17	203
23	3	5-12	---	---
24	8	5-12, 13, 14	---	---
25	10	7-9	supplement	---
26	15	9-1, 2, 3	1, 2	434
27	17			

Day	Date	Reading	Problems	Page(s)
28	April 22			
29	24			

DROP/ADD DEADLINES: January 18, April 1
STUDY DAYS: April 26, 27, 28 and May 3, 4
FINAL EXAMS: April 29, 30 and May 1, 2, 5, 6

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