MATH 3MB3 schedule 2014

Lecture schedule

	Day	Date	Topics	Due	Readings
1	Thurs	4 Sep	Introduction		
2	Mon	8 Sep	linear univariate discrete deterministic		MS pp.9-28
3	Tues	9 Sep	linear univariate discrete deterministic		
4	Thurs	11 Sep	nonlinear univariate discrete deterministic		MS pp.31-35
5	Mon	15 Sep	nonlinear univariate discrete deterministic		
6	Tues	16 Sep	nonlinear univariate discrete deterministic	lab 1 HW	
7	Thurs	18 Sep	linear multivariate discrete deterministic		MS pp.28-30,101-121
8	Mon	22 Sep	linear multivariate discrete deterministic		
9	Tues	23 Sep	nonlinear multivariate discrete deterministic		MS pp.35-37
10	Thurs	25 Sep	nonlinear multivariate discrete deterministic		
11	Mon	29 Sep	nonlinear multivariate discrete deterministic	lab 2 HW	
12	Tues	30 Sep	linear univariate continuous deterministic		MS pp.239-244,251-253
13	Thurs	2 Oct	nonlinear univariate continuous deterministic		MS pp.244-245,266-283
14	Mon	6 Oct	nonlinear univariate continuous deterministic	lab 3 HW	
15	Tues	7 Oct	review		
16	Thurs	9 Oct	in-class midterm		
17	Mon	13 Oct	no class (thanksgiving)		
18	Tues	14 Oct	linear multivariate continuous deterministic		MS pp.258-266
19	Thurs	16 Oct	nonlinear multivariate continuous deterministic		MS pp.283-305
20	Mon	20 Oct	linear univariate discrete stochastic	lab 4 HW	MS pp.47-81
21	Tues	21 Oct	nonlinear univariate discrete stochastic		
22	Thurs	23 Oct	linear multivariate discrete stochastic	proposals	MS pp.122-132
23	Mon	27 Oct	nonlinear multivariate discrete stochastic		
24	Tues	28 Oct	projects		
25	Thurs	30 Oct	no class: mid-term recess		
26	Mon	3 Nov	projects		
27	Tues	4 Nov	projects		
28	Thurs	6 Nov	projects		
29	Mon	10 Nov	projects		
30	Tues	11 Nov	projects		
31	Thurs	13 Nov	projects		
32	Mon	17 Nov	projects		
33	Tues	18 Nov	projects		
34	Thurs	20 Nov	projects		
35	Mon	24 Nov	projects		
36	Tues	25 Nov	projects		
37	Thurs	27 Nov	projects		
38	Mon	1 Dec	projects		
39	Tues	2 Dec	projects	writeups	

Lab schedule

	Date	Topics
1	9 Sep	introduction to R (lab 1)
2	16 Sep	introduction to R (lab 1)
3	23 Sep	analysis of discrete-time models (lab 2)
4	30 Sep	matrices in R (lab 3)
5	7 Oct	analysis of continuous-time models (lab 4)
6	14 Oct	review / additional topics
7	21 Oct	review / additional topics
8	28 Oct	projects
9	4 Nov	projects
10	11 Nov	projects
11	18 Nov	projects
12	25 Nov	projects
13	2 Dec	projects