

math 430

M	1/13	topologies	§1.1.1	§12	
W	1/15	continuous maps, subspaces	1.1.2	18	
W	1/22	metric spaces	1.1.3	20–21	PS1
F	1/24	bases	1.1.4	13	
M	1/27	product topology	1.1.5 (13–15)	15	
W	1/29	quotient topology	1.1.5 (15–18)	22	PS2
M	2/3	convergence	1.1.6	17, 21	
W	2/5	connectedness	1.2.1 (22–24)	23	PS3
M	2/10	connectedness in \mathbf{R}	1.2.1 (24–26)	24–25	
W	2/12	compactness	1.2.2 (26–29)	26	PS4
M	2/17	compactness in \mathbf{R}	1.2.2 (29–31)	27–28	
W	2/19	countability, manifolds		30	
M	2/24				Midterm
W	2/26	group theory	2.1.1	(330–331)	
M	3/3	fundamental groups	2.1.2	51–52	
W	3/5	examples	2.1.3	54, 59	PS5
<i>Spring Recess</i>					
M	3/24	proof of invariance	2.1.4	58	
W	3/26	free groups	2.2.1	68–69	PS6
M	3/31	Van Kampen	2.2.2	70	
W	4/2	<i>attaching cells</i>	2.2.3?	72–73	
W	4/9	proof of van Kampen	2.2.4	70	PS7
M	4/14	covering spaces	2.3.1	53	
W	4/16	lifting property	2.3.2	53	PS8
M	4/21	Galois correspondence	2.3.3	53	
W	4/23	classification of coverings	2.4.1	79	PS9