QUASICONFORMAL MAPS
GRADUATE COURSE, FALL 2023

ALAN SOLA AND FREDRIK VIKLUND

Tentative schedule

Lecture	Topics	Section
September 13	Intro. Motivation. Definition of QC maps.	Chapter 1, Chapter 2.
September 20	Analytic and geometric definitions of QC maps.	Chapter 2(cont'd), Chapter 3.
September 27	Quasisymmetric maps; the Beltrami equation.	Chapter 4, Chapter 5.
October 11	Measurable Riemann mapping theorem.	Chapter 5
October 18	Measurable Riemann mapping theorem, part II	
October 25	Measurable Riemann mapping theorem, part III	
November 1	QC maps and complex dynamics, part I:	Carleson/Gamelin
	basic notions in rational iteration theory	Chapters II.2, II.6, III.1
November 9 (date!)	QC maps and complex dynamics, part II:	
	Sullivan's theorem	
November 15	QC maps and complex dynamics, part III	
	Sullivan's theorem; existence of Herman rings	
November 22	TBD	TBD
November 29	TBD	TBD
December 6	TBD	TBD
December 13	TBD	TBD
December	**Oral examinations**	

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