



## MAT 6932 Spring 2016

MAT 6932 SEMINAR IN NUMBER THEORY

TIME: MWF 4

ROOM: LIT 201

COURSE MATERIAL: This is a continuation of MAT 6932 given in Fall 2015. In the Fall, the study of irrationality was completed and that course concluded with the irrationality of  $\zeta(3)$ . Same course description as for Fall 2015. In this second semester, we will discuss the remaining topics – transcendental numbers, uniform distribution of sequences, and normal numbers. The second part of the course will be self contained, and so even those who missed the first part could take the second.

TEXT: My own detailed notes. A number of texts will be given as references.

GRADING: Grades will be based on homework and on seminars given by the students.

OFFICE HOURS: M and W, 7-th period in LIT 304 or by appt.