

UPDATED GENERAL INFORMATION — JANUARY 13, 2016

Office hours

These are currently scheduled for 1:30 to 2:30 on Mondays, and by appointment. The easiest way to make arrangements is to speak with me before or after class, or to send me an electronic message (schultz@math.ucr.edu; as usual, I recommend a heading containing 145A, topology or something similar so that the message is not filtered out as spam).

Recommended exercises for Chapter 5 of Sutherland

- Chapter 5: 5.2 – 5.4, 5.6, 5.7, 5.9, 5.10, 5.13

The following references are to the file `exercises02w14.pdf` in the course directory.

- Additional exercises for Chapter 5: 1, 2, 5, 6(*iv*) – (*v*), 7

Quiz for Tuesday, January 19, 2016

The quiz will involve some, but probably not all, of the following: Stating the definition of a least upper bound and applying it to an example, stating the completeness property of the real number system, defining the limit L of an infinite sequence $\{a_n\}$ (assuming one exists), understanding why a bounded increasing sequence has a limit given by the least upper bound of the set of all a_n , and knowing the $\varepsilon - \delta$ definition for the continuity of a real valued function f at a point a , where f is defined on a set containing an open interval of the form $(a - h, a + h)$ for some $h > 0$.