

Assignment #2

Announcements:

1. The course web page is www.math.ucla.edu/~baker/222a . Copies of handouts are available there, as well as a free on-line copy of the text by Burris and Sankappanavar.
2. Days 2-W and 2-F will be non-lecture reading days, because of the national mathematics meetings. Some time later we'll have a couple of special problem sessions to make up the time.
 - For 2-W, read Sections 1.1-1.3 in Burris and Sankappanavar
 - For 2-F, read Section 1.4 in Burris and Sankappanavar; also read Handout I if you don't already know this material.
3. Note that 3-M is a holiday.
4. I'll have an extra office hour 1:30-2:30 on Tuesday, January 21 (3-T).

Homework.

Due **3-W** rather than 2-F, because of the reading days and the holiday.

To do but not hand in: B-4, B-8; E-1.

To hand in:

B-6, B-10;

D-4;

E-2;

F-1 (below);

G-2, G-3.

Problem F-1. On p. 2 of Handout D, in the proof of the theorem is the isotope map necessarily one-to-one? If yes, is it an embedding (an isomorphism with a subset)?