Math 856 Intro to Smooth Manifolds

Questionnaire and Pop Quiz-lette

Name:

Spell it like the instructor is supposed to pronounce it:

Times you could *not* make an office hour:

Most important (to you) previous graduate courses (if any):

Most important (to the instructor) previous graduate courses (if any):

Favorite color:

Pop quizlette:

The following quizlette counts for nothing, and is intended to provide no indication about what the instructor expects you to bring to this course, nor what the instructor expects to cover.. People can bring very different backgrounds to this class; this is just a broad attempt to sketch what you might have encountered prior to now.

Rate each of the following phrases on a scale from 1 to 5, where

$1 \approx$ " I was reading about that last week ",
$3 \approx$ " I've seen that before ",
$5 \approx$ " is that really a word/phrase? ".

Don't spend more than about 8 seconds on each; first impressions are the important thing. Besides, there are no wrong answers....

- _____ cohomology
- _____ cocompact
- _____ codomain
- _____ bounded domain
- _____ bounded variation
- _____ quotient space
- _____ free group
- _____ vector field
- _____ scheme
- _____ precompact
- _____ groupoid
- _____ cardinality
- _____ covering space
- _____ implicit function theorem
- _____ lens space
- _____ spherical coordinates
- _____ Green's/Divergence/Stokes' Theorem
- _____ cubic spline
- _____ hairy sphere theorem
- _____ Seifert-van Kampen theorem
- _____ bundle
- _____ curvature
- _____ line integral
- _____ small category
- _____ Poincaré conjecture