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 prior knowledge 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 concepts you might have encountered up to now.

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

$1 \approx$ " I was reading about that this morning ",
$3 \approx$ " 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
_____ spherical abberation
_____ Green's/Divergence/Stokes' Theorem
_____ cubic spline
_____ hairy sphere theorem
_____ Seifert-van Kampen theorem
_____ line bundle
_____ line integral
_____ curvature
_____ small category
_____ Poincaré conjecture
_____ Conjecture F