

Math 8001

February 24, 2012

Any current issues in your own teaching?

Wrapup From Last Time

- Questions about last week's slides?
- Questions arising from the assignment?

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Random Tips

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- Experiment to find your “sweet spot” for when to prepare.
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Back to Krantz

Chapter 3 may be more controversial (?) than Chapters 1 and 2.

Even if you disagree with everything he writes, here's the takeaway:
It's important to spend time thinking and reflecting about teaching.

Tough Question

Why do we need mathematics teachers?

More Tough Questions

- Why do we teach calculus?
- If you could change one thing in a standard calculus course, what would it be?

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My Warning about Caring

Many excellent teachers joke around and say cynical things about students. (Much like doctors and “gallows humor.”)

Be careful: it's *very* easy to lose a student's confidence over seemingly trivial remarks.

General Discussion

What are *your* comments or questions about these sections?

3.3 Caring

3.5 Why Do We Need Mathematics Teachers?

3.8 Inductive vs. Deductive Method

3.10 Teaching Reform

3.12 How to Ask, How to Answer