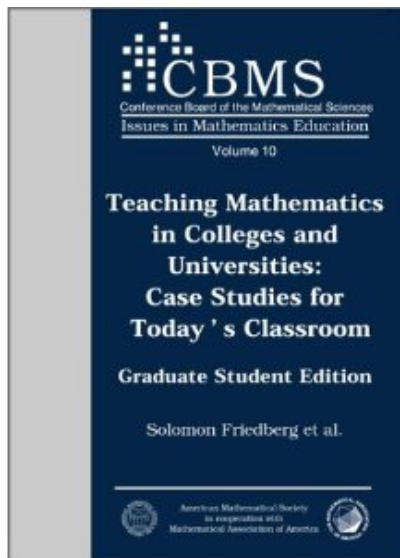


Math 8001: When Things Go Wrong

April 20, 2012

The “Missing” Reading Assignment



Any current issues in your own teaching?

When Things Go Wrong

Today is your chance to ask two faculty members for advice about what to do when things go wrong with a lecture, exam, or other part of the course.

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...i.e. to watch us squirm, say, “Yes, that’s a tough situation,” and try to think of something useful to suggest.

In Other Words...

Most of these situations do not have clear solutions. But it pays to think about some of these issues beforehand.

Three Potential Situations

- 1 You've given a lecture on the quotient rule and realize, after talking to students in office hours and grading homework, that nobody in your class knows how to use it correctly.
- 2 You've given a lecture on FTC and realize afterwards that messed up your example

$$\frac{d}{dx} \int_{x^2}^3 \sin t \, dt$$

and everything you told your students about those types of problems is incorrect.

- 3 You've given what you felt was a fair exam, but the average score is 30+ points lower than it should be.

Topics For Discussion

What other experiences have you had where something has gone wrong, either as a teacher or a student?

Next Week:

Which of the following topics would you be most interested in?

- Creating a Course Website / Using Moodle
- Webwork (online homework system)
- How to identify and use applets effectively in class
- Others?