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Professor Moss

Math 3210-001

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Reflection Journal

I've thought a lot about Professor Moss' response to a question I asked on canvas. I asked about how real analysis is used as well as the relationship between different branches of math. Professor Moss gave an awesome response using partial differential equations as an example. Coincidentally, PDEs is a topic I've been greatly interested in lately.

This brings us to the topic of my reflection: pure vs applied math. I definitely want to go to graduate school for math, and I've been passively thinking about whether I want to study pure or applied math.

On the one hand, I've enjoyed Math 3210 and I look forward to taking more advanced pure math courses. I'm really excited about learning things like measure theory, functional analysis, and Sobolev spaces (assuming I can handle these topics, but that's another conversation).

On the other hand, I'm interested in mathematical biology, computational methods for solving PDEs, and other more applied areas of math. It's certainly possible that I'll find the topics I'm most interested as time goes on. It's also possible that at the graduate level, students that study more applied topics still learn the rigorous details of the math.

Regardless, I'm excited about learning more math and I look forward to learning more about the cool topics that Professor Moss discussed in his answer to my question.