BILL AND EMILY RECORD LECTURE!!!!

UNTIMED PART OF FINAL MONDAY May 10 9:00AM DEAD CAT WED May 12 9:00PM

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FINAL IS MONDAY May 17 8:00PM-10:15PM

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FILL OUT COURSE EVALS for ALL YOUR COURSES!!!

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Theory Courses Beyond CMSC 250H

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We discuss the courses in A.

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- NP-completeness is about showing that problem likely do not have poly time algorithms.
- 5. The mathematical maturity you gained in 250H will help you a lot in 351.

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- 2. CMSC 451 is about **algorithmic paradigm**. Example: Dynamic Programming, Greedy algorithms, Divide and Conquer.
- 3. There will be even more about NP-completeness
- 4. This is taught by a wide variety of people (though not me) all of whom are good to take it with.

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That means that in a non-pandemic year there will be a lecture where you get to eat muffins.

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5. What about Alice and Bob's computational power?

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Gasarch or Washington.

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We have three quantum profs, and I they all teach it.

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Sample Theorem For all 2-colorings of \mathbb{N} there exists *a*, *d* such that

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Only prereq is math maturity, which you all either have or will have by the next time its taught.

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