

*Department of Mathematics,
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Food For Thought Seminar

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Adventures in Coding Theory

Abstract:

We read misspelled words all the time, yet somehow we often manage to make sense of them. Coding theory deals with the design of error-correcting codes that do precisely this: take corrupted data and recover the original message. In this talk, we'll go on an adventure through the basics of codes, the types of errors that can be introduced, and some cool techniques to correct them. My talk will be mostly accurate, and by the end of it you should be able to correct any mistakes I've made.

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1:00 PM

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