What Do Polynomials Have to Do with My Mixtape?

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When storing data (music, cat pictures, etc.), errors can occur. An error-correcting code is a way to incorporate redundancy with the data so that the original cat picture can be recovered. Polynomial evaluation codes have been called "the greatest code of them all". We will explore how these codes are defined, the properties they enjoy, and some modern applications.

Date: Tuesday March 3, 2020
Time: 7:00 pm
Place: Park 328