## Thursday at 4 pm in the Nesbitt Room Free Pizza and Pop

## Polynomial Interpolation Tricks

Martin J. Strauss • 17 January 2019


how to multiply long numbers quickly and how to multiply polynomials like $(a x+b)(c x+d)$ in three multiplications of coefficients instead of the four that arise from FOIL; and how to derive the Uncertainty Principle that a short musical note does not have a well-defined frequency.

