

“In calculus the concept of derivative, or differential, of a function f at a point x is a way of systematically describing the quantity $f(y) - f(x)$ with an accuracy like $|y - x|^2$.” –Tom Goodwillie

The Trivial Notions Seminar
Proudly Announces

How to take a derivative

A talk by
Jun Hou Fung

Abstract

We will introduce linear approximations and discuss how to take a derivative, for example via a limit. Then we'll generalize this to polynomial approximations and higher derivatives, and classify all homogeneous polynomials. Finally, I will compute an explicit example of a derivative, and discuss some applications.

Thursday February 16th, at 12:00 pm
Science Center 232