

Lecture 7: Lambda Calculus Revisited



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Menu

- Review last time
 - Real reason for Lambda Calculus
 - Substitution Rules
- Building Primitives

What is Calculus?

- In High School:

$$d/dx x^n = nx^{n-1} \quad \text{[Power Rule]}$$

$$d/dx (f + g) = d/dx f + d/dx g \quad \text{[Sum Rule]}$$

Calculus is a branch of mathematics that deals with limits and the differentiation and integration of functions of one or more variables...