

# Type Theory Set - 1

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Type theory is built on many years of work from areas of math and computer science that aren't usually studied in high school or the typical undergraduate math curriculum. In particular, the simply typed lambda calculus is built on the notation and ideas of the (untyped) lambda calculus. ([https://en.wikipedia.org/wiki/Lambda\\_calculus](https://en.wikipedia.org/wiki/Lambda_calculus))

**Definition 0.1.**

(1)