

# Download Introduction To Higher Order Categorical Logic Pdf

First-order logic—also known as predicate logic and first-order predicate calculus—is a collection of formal systems used in mathematics, philosophy, linguistics, and computer science. Category theory formalizes mathematical structure and its concepts in terms of a labeled directed graph called a category, whose nodes are called objects, and whose labelled directed edges are called arrows (or morphisms).

I read *The Game of Logic* as a kid, so I bought it for sentimental reasons as well as to read it again, as I remember it was fun. Plus, my son may enjoy it in a few years, too.