

“Algebra is the offer made by the devil to the mathematician. The devil says: I will give you this powerful machine, it will answer any question you like. All you need to do is give me your soul: give up geometry and you will have this marvelous machine.”

—Michael Atiyah

The Trivial Notions Seminar
Proudly Announces

Some Duality Theorems

A talk by
Sam Marks

Abstract

Classically, Stone duality gives an equivalence between the category of Boolean algebras and the category of Stone topological spaces. This duality is analogous to the Nullstellensatz and has important consequences in logic. On the other hand, Stone duality is a special case of an abstract Stone duality theorem. We will give other specializations of abstract Stone duality and discuss Stone duality’s relation to other duality theorems.

Friday, October 11th, at 12:30 pm
Science Center 530