

“That’s trivial, you know. That’s just a fixed point theorem.”

— John von Neumann, to John Nash

The Trivial Notions Seminar  
Proudly Announces

Fixed Point Theorems

A talk by  
Peter S. Park

**Abstract**

We will discuss the Eilenberg–Montgomery fixed point theorem and use it to prove Nash’s theorem on the existence—for finite, non-cooperative games—of mixed strategies in which no player can be better off by unilaterally changing their strategy.

Friday, October 12<sup>th</sup>, at 1:00 pm  
Science Center 530