TRUTH

PROOF

Truth is bigger than proof: Gödel's Theorem and its implications

A talk by Dr. Hossein Andikfar

In 1931, a young Austrian mathematician published a paper that sent shock waves through the mathematical community and forced mathematicians to take a fresh look at their discipline. The mathematician was Kurt Gödel, and the result proved in his paper became known as the Gödel Incompleteness Theorem, or more simply Gödel's Theorem. In this talk we start with examples of axiomatic theories and some basic definitions such as completeness, and then continue with Gödel's Theorem and the basic idea behind Gödel's proof. If time permits, we will discuss some of the implications of Gödel's Theorem in other disciplines such as philosophy and artificial intelligence.

Wednesday February 24, 2010

COE 796 12:00

Free Pizza and Soda