

Lectures by **Eric Pacuit**

About:

Eric Pacuit is an associate professor in the Department of Philosophy at the University of Maryland. Prior to coming to Maryland, Eric did his graduate work at the City University of New York Graduate Center, and was a postdoctoral researcher at the Institute for Logic, Language and Computation at the University of Amsterdam and in the Departments of Philosophy and Computer Science at Stanford University. Eric's primary research interests are in logic (especially modal logic), game theory, social choice theory, and formal and social epistemology. His research has been funded by the Natural Science Foundation and a Vidi grant from the Dutch science foundation (NWO).



One Lecture on Logic and Probability:

Title:

Logic and Probability as Models of Reasoning

Abstract

Both logic and probability are used to represent human reasoning. I will compare and contrast the different ways of modeling human reasoning and discuss the success and failures of logic and probability as models of human reasoning.

Time and Place

Time	Place
Nov. 5, 4:00 - 5:00 pm	六教 6B304

Three Lectures on Neighbourhood Semantics of Modal Logic:

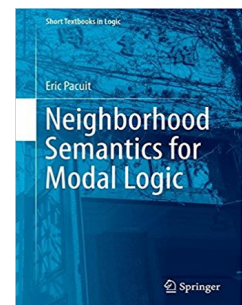
Title:
Neighbourhood Semantics of Modal Logic

Abstract

Neighborhood models generalize relational models (also known as Kripke models) for modal logic. The original motivation for introducing these more general models was to provide a semantics for weak systems of modal logic (i.e., the non-normal modal logics). Over the past 30 years, inspired, in part, by application of modal logic in philosophy, game theory and AI, interest in neighborhood models has grown well beyond the original motivation. In these lectures, I will motivate and familiarize students with the general theory of neighborhood semantics for modal logic. The main takeaway message is that neighborhood models form an interesting and rich class of mathematical structures that can be fruitfully studied using modal logic. The lectures will cover topics from my recent book on neighborhood semantics for modal logic. For more information, consult the website for the book: <http://pacuit.org/modal/neighborhoods>.

Time and Place

Time	Place
Nov. 7 , 3:30 - 5:30 pm	新斋 324
Nov. 9, 2:00 - 4:00 pm	文北楼 309
Nov. 14 , 3:30 - 5:30 pm	新斋 324



The End