

Quantum Topology / Hopf Algebra Seminar

Logical Question Theory

Roy Lisker (Institute Henri Poincare, Paris)

Abstract: This talk is the first of two talks. The second is entitled "Quantum Question Theory". A mathematical formalism for the basic syntactic structure of a well-formed question is described as a pair of schemas - the interrogation phase and the response phase. Errors arise from confusing the syntactic categories of a question. A particular application of this framework to quantum experiments leads to a different way of treating questions, proper to quantum theory alone, which the speaker calls quantum question theory.

Tuesday, October 21 at 3:00 PM in SEO 612