

M A T H E M A T I C A L P H Y S I C S S E M I N A R

Rutgers University
Hill Center - Room 705

Physical things, mathematical things, and their differences

Simon Saunders, University of Oxford
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Abstract

My talk is about ontology in physics and mathematics, and specifically existence claims and identity criteria. I shall begin with a general framework that broadly follows Quine; thereafter I shall consider examples. Most of them will be drawn from physics, and specifically objects in quantum theory, with particular attention to indistinguishables.