



Speaker: Augusto Stoffel
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Monday, September 22, 2014
4:00 PM
129 Hayes-Healy Hall

Title: 2-D Topological Field Theories

Abstract:

We will show that the notion of a topological field theory, in one of its simplest variations (namely, 2-dimensional and oriented), recovers a classical notion from algebra, that of a Frobenius algebra. This fact is a well-known “folk theorem” but, as we will see, it has a nontrivial proof relying on Morse theory.