



Colloquium

September 14, 4:05 p.m. (9th Period)
(in the Atrium)

Speaker: Jeremiah Hocutt

Title: Beyond Cesàro Continuity or: Who ever said differentiable functions were continuous?

Abstract

In this talk, we will describe a problem of Halmos involving Cesàro sequences and Halmos's definition of Cesàro continuity of functions. A surprising, yet inevitable, fact about these such functions will be derived. We will then extend to an appropriate notion of differentiability and see a more surprising fact that may leave participants with some self-doubt.