Department of Mathematics and Computer Science

Friday, March 31, 2023, 4:00 pm
COLLOQUIUM TALK
Speakers: Peter Wiles & Rick Anderson (EIU)
Old Main 2231

A Discursive Framework for Understanding Learning and Informing Teaching

Abstract:

Learning theories provide a lens for understanding learning and help to inform teaching. In this talk, we describe Commognition, a theory that combines individual thinking with interpersonal communication and characterizes learning as a change in discourse. We discuss the properties of discourse and illustrate with examples from our experience with elementary school students working on geometric shapes. We also suggest ways the learning theory has informed our teaching.