

Friday, September 13, 2019, 4:10 pm

COLLOQUIUM TALK

Speaker: Bogdan Petrenko (EIU)

Old Main 2210

The Maximum Principle for an Analytic Function of Several Complex Variables

Abstract:

We will extend the method of Karl Friedrich August Gutzmer from an analytic function of one complex variable to several complex variables, and discuss some of its implications. The prerequisites for our talk consist of being comfortable with power series and Fourier series. This result is part of my joint work with Chad Kelterborn, Richard Koss, and Marcin Mazur.