Department of Mathematics and Computer Science

Friday, April 20, 2018, 4:10 pm

COLLOQUIUM TALK

Speakers: Joseph Melberg and Bogdan Petrenko (EIU)

Old Main 2231

The Surprising Computational Utility of Implicit Function Theorem

Abstract:

We have recently discovered that the Implicit Function Theorem provides a good computational alternative even when calculating values of well known functions. For that purpose, we used the method provided in the paper by E. Goursat " Sur la théorie des fonctions implicites" from 1903. We will present some of our experiments during the talk.

SNACKS IN FACULTY LOUNGE AT 3:30 PM.
EVERYONE WELCOME (EVEN IF YOU ARE UNABLE TO ATTEND THE TALK)