Department of Mathematics and Statistics Colloquium

Minding my p's and q's: Using Continued Fractions to Solve a Diophantine Equation

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Abstract: In this talk, I will give a friendly introduction to continued fractions with a few interesting examples and describe some of their intriguing properties. As an application of continued fractions, I will explain how I used them in proving that there are no integer solutions to a certain Diophantine equation of six variables.

Monday, February 23 at 3:45 in Roop 103

refreshments at 3:30