Philadelphia Area Number Theory Seminar

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Lagrange spectrum for Romik's dynamical system

Abstract:
Call $(p; q)$ a Pythagorean pair if p and q are positive coprime integers such that $p^2 + q^2$ is a perfect square.   pairs
ossible. Which ` is best? Which is second best?
oduce a dynamical system originally de ned by Romik in
pectrum and explain how our results can answer the above
ome well-known results on simple continued fractions and
spectra. This will provide a classical counterpart to our
al system.
Dong Han Kim (Dongguk University, South Korea). A
e accessible to undergraduates.

Wednesday, July 11, 2018
2:40 { 4:00 PM

Bryn Mawr College
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refreshments at 2:20PM in Park 339