Philadelphia Area Number Theory Seminar

Byungchul Cha Muhlenberg College

A Tree of Pythagorean Triples and Its Generalization

Abstract: It is known that all primitive Pythagoreantriples (x; y; z), that is, all positive integer triples (x; y; z) without common = 0, can be given a certain tree-like structure. More precisely, if (x; y; z) is such a triple with y even, then there exists a unique sequence $(x; y; z)^T = M_{ksMcy}$ $(3; 4; 5)^T$ with

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Thursday, March 17, 2016 2:40{4:00PM

Bryn Mawr College
Department of Mathematics
Park ScienceCenter 328
Tea and refreshmentsat 2:20PM in Park 355