

TEMPLE UNIVERSITY MATHEMATICS COLLOQUIUM

Florian Pop

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will speak on

Sums of squares and beyond

ABSTRACT: I will review the known facts about the classical question concerning sums of squares, starting with Euler's famous four squares theorem. Then I will say few words about Pfister quadratic forms, which generalize in a way the sums of squares, and show how the Milnor Conjecture can be used to "understand" and go beyond sums of squares.

MONDAY, APRIL 23, 2007

LECTURE AT 4:00 PM (#)

COFFEE, TEA, AND REFRESHMENTS FROM 3-5 PM

ROOM 617, WACHMAN BUILDING

DEPARTMENT OF MATHEMATICS