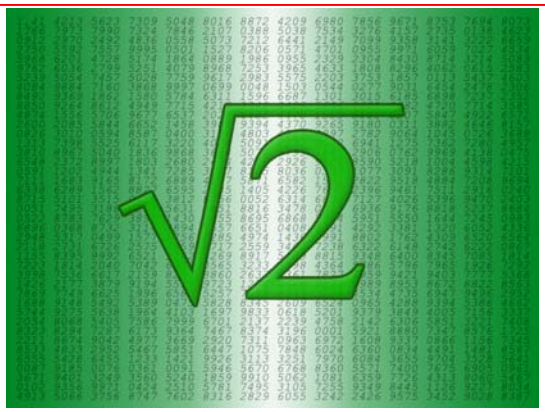
Department of Mathematics

Fall 2015 Colloquium Series



Proof the √2 is Irrational and an Introduction to Convexity

Dr. Richard Spjut,
S-Matrix Corporation
Eureka, California

Thursday, September 24, 2015

Behavioral and Social Sciences Building Room 166, 4 p.m.

Spectrahedrons are the feasible sets of semidefinite programs. The 'moral' of the story is that a surprising number of optimization problems can be expressed in a form in which the techniques of conex cone programming are useful. The go-to surprising example is the max-cut problem in combinatorics. The photo can be attributed to Sturmfelds or his graduate students.

Rick Spjut enjoys, studies, and researches mathematics via HSU, Caltech, and UCSB: institutions to which he owes a debt of gratitude.

For a complete abstract, go to http://www.humboldt.edu/math/news-and-events/math-colloquium

We invite you to the Pre-colloquium Tea on the third floor of the BSS building at 3:30 on Thursday.