Seminar on Combinatorial Computing
April 11, 2007, Wednesday, 6:30 p.m.
Room 6417, Graduate Center
365 Fifth Avenue, New York

Paths With No Small Angle

Imre Bárány
Rényi Institute, Budapest and UC London

Abstract

Given a finite set, X, in the plane, does there exist a polygonal path p, whose vertex set is exactly X, such that all angles along p are at least one degree? This question, and its solution, will be discussed in this talk.

The results are joint work with Attila Pór and Pavel Valtr.

For further information contact Janos Pach at pach@cims.nyu.edu,
or visit our website
http://www.math.nyu.edu/~pach/public_html/combinatorics_seminar.html