

COMBINATORICS
SEMINAR

Everywhere unbalanced configurations

Jeck Lim
Caltech

Abstract: An old problem in discrete geometry, originating with Kupitz, asks whether there is a fixed natural number k such that every finite set of points in the plane has a line through at least two of its points where the number of points on either side of this line differ by at most k . We give a negative answer to the pseudoline variant of this problem. Joint work with David Conlon.

Wednesday, October 11, 2023, 4:00 pm
Mathematics and Science Center: MSC E406

MATHEMATICS
EMORY UNIVERSITY