The University of Texas Rio Grande Valley

School of Mathematical & Statistical Sciences

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No-dimensional Tverberg theorem

Abstract: The aim of my talk is to discuss the following result, its variations and its connections with a no-dimensional Tverberg theorem. For any n red and n blue points in the Euclidean d-space, there exists a perfect red-blue matching M such that the balls whose diameters are edges of M share a common point.
(Joint works with O. Pirahmad, A. Vasilevskii, and P. Barabanshchikova.)

Talk location:
BLHSB 1.316

Zoom Meeting Link:
https://utrgv.zoom.us/j/85333215080

Coffee and cookies will be provided.

Talk time: 2:00-3:00 pm, November 22

For further information or for special accommodations, please contact Dr. Alexey Glazyrin via email alexey.glazyrin@utrgv.edu. More information about the seminar talks is available at the website https://www.utrgv.edu/math/news-events/seminars/brownsville/index.htm.