

Pure Mathematics Seminar

Symmetries of monocrystal tilings

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A tiling with polytopes is called monocrystal if neighborhoods of every pair are congruent, where a neighborhood of a vertex A consists of all polytopes that contain A .

In this talk we will discuss possible symmetry groups of monocrystal tilings of Euclidean plane. Also we will discuss some open questions in higher-dimensional spaces.

Date: **Friday, October 14, 2016**

Time: **2:15 pm**

Place: **Edinburg:** MAGC 1.302, **Brownsville:** UBLB 2.206

**The talk will delivered live at the *Brownsville* campus
and will be streamed to the Edinburg campus**

Coffee and cookies will be served.

For further information or for special accommodations, please contact Dr. Sergey Grigorian via email at [sergey.grigorian@utrgv.edu], or Dr. Alexey Garber at [alexey.garber@utrgv.edu], or visit the webpage <http://www.utrgv.edu/math/news-events/seminars/puremath/index.htm>