

DEPARTMENT
COLLOQUIUM

Tiling with Arbitrary Tiles

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Abstract: A *tile* is a finite subset T of \mathbb{Z}^n . It may or may not tile \mathbb{Z}^n , in the sense of \mathbb{Z}^n having a partition into copies of T . However, Chalcraft conjectured that every TA does tile \mathbb{Z}^d for some d . In this talk, we will discuss some examples, and also a proof of the conjecture, recently obtained in joint work with Vytautas Gruslys and Ta Sheng Tan.

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Mathematics and Science Center: W301

MATHEMATICS AND COMPUTER SCIENCE
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