Squaring the Plane

Jim Henle
Smith College

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007 Kemeny Hall, 4:00 pm
(Tea 3:30 pm 244 Kemeny Hall)

Abstract

We prove that it is possible to tile the plane with squares, using exactly one square of each positive, integral side-length. The proof has some generalizations and there are numerous open problems.

This talk should be accessible to undergraduates.