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Suites doubles de basse complexité

par Valérie BERTHÉ et Laurent VUILLON

Abstract. We give a geometric representation of uniformly recurrent two-dimensional sequences of rectangular complexity function $mn + n$. We show that these sequences code a $\mathbb{Z}^2$-action defined by two irrational rotations on the unit circle. The proof is based on a study of double sequences the lines of which are Sturmian sequences of same language.

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