

**Ferenczi, S.**

**Tiling and local rank properties of the Morse sequence.** (English) Zbl 0820.68092  
Theor. Comput. Sci. 129, No. 2, 369-383 (1994).

Summary: We study some combinatoric properties of the Morse sequence, linked with its ergodic properties of local rank one and local funny rank one; we show that the maximum part of the Morse sequence that may be covered by disjoint translates of one word is exactly of density  $2/3$ , even allowing for some errors in the tiling; when we replace words by patterns (words with holes),  $2/3$  can be replaced by at least  $5/6$ .

**MSC:**

**68R15** Combinatorics on words

Cited in **6** Documents

**Keywords:**

Morse sequence

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