A numeration system for Fibonacci-like Wang shifts and $>$ its properties.

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Résumé

Motivated by the study of Fibonacci-like Wang shifts,
we define a numeration system $$ for ${Z}$ and ${Z}^2$
based on the binary alphabet $
0,1
$.
We introduce a set of 16 Wang tiles
that admits a valid tiling of the plane described by
a deterministic finite automaton
taking as input the representation of a position $(m,n)∈ {Z}2$in$$andoutputtingaWangtile.Weshowthepropertiesofther

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