

Mathematics Department University of Fribourg

Tuesday, 8/3/2016

Time: 12:15 pm Physics building Lecture room 2.52

Mathematikon

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Quasiperiodic Patterns

Abstract: At the beginning we discuss surprizing properties of the sequence

 $1011010110110110110110110110110110110 \cdots$

and its relations to Fibonacci numbers and a "picking stones" game. At the end the closely related construction of the Penrose tiling (see figure) will be explained.



