



SCUOLA
NORMALE
SUPERIORE

SEMINARIO DI MATEMATICA

Venerdì 22 febbraio 2013
ore 14:00

Scuola Normale Superiore
Pisa
Aula Bianchi

Prof. Dong Han Kim

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Terrà un seminario dal titolo:

“Sturmian coloring of regular trees”

Abstract:

In this talk, we study subword complexity $b(n)$ of colorings of regular trees. We classify colorings of subword complexity $b(n) \leq n + 2$ into periodic colorings, eventually periodic colorings and Sturmian colorings, and study them. We further classify Sturmian colorings of regular trees by their type set. We show that Sturmian colorings are all induced from an infinite of bi-infinite sequence on a quotient ray of the tree, and that Sturmian colorings of bounded type is induced from an eventually periodic sequence on a quotient ray. This is joint work with Seonhee Lim.

Tutti gli interessati sono invitati a partecipare.

Classe di Scienze