

SEMINARIUM UKŁADY DYNAMICZNE

Tytuł: **Topological conjugacy of constant length substitution dynamical systems**
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Primitive constant length substitutions generate minimal symbolic dynamical systems. We show that to any primitive substitution of constant length whose minimal set is infinite, there are always infinitely many primitive substitutions of the same constant length having topologically conjugate minimal systems, but only finitely many of these are injective. We present an algorithm which can produce the list of injective substitutions of the same length that generate topologically conjugate systems.

Based on an article by Ethan M. Coven, F. Michel Dekking, and Michael S. Keane.