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**On the possibility of digital computing block synthesis by using the isomorphism in coding.**

(English) [Zbl 0593.94019](#)

Bul. Inst. Politeh. Iaşi, N. Ser., Sect. III 29(33), 55-60 (1983).

Summary: A method for implementing digital electronic circuits is proposed that can perform different operations defined on sets with a finite number of elements. According to the desired delay, number and type of available logical ports, available signals in the system, etc., one adopts a corresponding bijective coding function.

**MSC:**

94C10 Switching theory, application of Boolean algebra; Boolean functions (MSC2010)

94B99 Theory of error-correcting codes and error-detecting codes

**Keywords:**

implementing digital electronic circuits; logical ports; bijective coding function