

Havel, Ivan

On Hamiltonian circuits and spanning trees of hypercubes. (English) Zbl 0544.05057

Čas. Pěst. Mat. 109, 135-152 (1984).

Structural properties of Hamiltonian circuits and paths in the graph of the n -cube Q_n are found and employed for constructing some classes of spanning trees of Q_n . Other spanning trees of Q_n are constructed using transformations of binary trees.

Reviewer: [E.Jucovič](#)

MSC:

[05C99](#) Graph theory

[05C05](#) Trees

[05C45](#) Eulerian and Hamiltonian graphs

Cited in **9** Reviews
Cited in **25** Documents

Keywords:

[Hamiltonian circuits](#); [n-cube](#); [spanning trees](#)

Full Text: [EuDML](#)