

**Tůma, J.**

**Representing lattices by homotopy groups of graphs.** (English) [Zbl 0977.06003](#)

*Commentat. Math. Univ. Carol.* 40, No. 2, 215-221 (1999).

The author proves that every lattice can be embedded into the subgroup lattice of a free group. He uses a method based on the technique of the homotopy group of a graph.

Reviewer: Jiří Rachůnek (Olomouc)

**MSC:**

[06B15](#) Representation theory of lattices

[20E05](#) Free nonabelian groups

[20E15](#) Chains and lattices of subgroups, subnormal subgroups

**Keywords:**

subgroup lattice; lattice embedding; free group; homotopy group

**Full Text:** [EuDML](#)