

## QUASIVARIETIES OF GRAPHS AND INDEPENDENT AXIOMATIZABILITY

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In the present article, we continue to study the complexity of the lattice of quasivarieties of graphs. For every quasivariety  $\mathbf{K}$  of graphs that contains a non-bipartite graph, we find a subquasivariety  $\mathbf{K}' \subseteq \mathbf{K}$  such that there exist  $2^\omega$  subquasivarieties  $\mathbf{K}'' \in L_q(\mathbf{K}')$  without covers (hence, without independent bases for their quasi-identities in  $\mathbf{K}'$ ).

*Key words and phrases:* quasivariety, graph, basis for quasi-identities.

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