Summary: Many natural decision problems can be formulated as constraint satisfaction problems for reducts \( A \) of finitely bounded homogeneous structures. This class of problems is a large generalisation of the class of CSPs over finite domains. Our first result is a general polynomial-time reduction from such infinite-domain CSPs to finite-domain CSPs. We use this reduction to obtain new powerful polynomial-time tractability conditions that can be expressed in terms of the topological polymorphism clone of \( A \). Moreover, we study the subclass \( C \) of CSPs for structures \( A \) that are reducts of a structure with a unary language. Also this class \( C \) properly extends the class of all finite-domain CSPs. We apply our new tractability conditions to prove the general tractability conjecture of Bodirsky and Pinsker for reducts of finitely bounded homogeneous structures for the class \( C \).

MSC:
- 03B70 Logic in computer science
- 68-XX Computer science

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