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Reflections and powers of multisorted minions. (English) Zbl 07317153
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Summary: Classes of multisorted minions closed under extensions, reflections, and direct powers are considered from a relational point of view. As a generalization of a result of Barto, Opršal, and Pinsker, the closure of a multisorted minion is characterized in terms of constructions on multisorted relation pairs which are invariant for minions.

MSC:

08A68 Heterogeneous algebras

03C05 Equational classes, universal algebra in model theory

06A15 Galois correspondences, closure operators (in relation to ordered sets)

Keywords:

multisorted algebra; minor-closed class; minion; reflection; coreflection

Full Text: [DOI](#) [arXiv](#)

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