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**Reflections on and of minor-closed classes of multisorted operations.** (English) Zbl 1406.08002  
Algebra Univers. 79, No. 3, Paper No. 71, 19 p. (2018).

The Galois theory for minor-closed sets of functions developed by *N. Pippenger* [Discrete Math. 254, No. 1–3, 405–419 (2002; [Zbl 1010.06012](#))] is extended to multisorted functions in the sense of *W. Wechler* [Universal algebra for computer scientists. Berlin etc.: Springer-Verlag (1992; [Zbl 0748.68002](#))]. While most of the existing theory translates easily, some multisorted peculiarities require special attention, in particular with regard to reflections in the sense of *L. Barto* et al. [Isr. J. Math. 223, 363–398 (2018; [Zbl 1397.08002](#))].

Reviewer: **Manfred Armbrust** (Köln)

**MSC:**

[08A68](#) Heterogeneous algebras  
[06A15](#) Galois correspondences, closure operators (in relation to ordered sets)  
[03C05](#) Equational classes, universal algebra in model theory  
[08A40](#) Operations and polynomials in algebraic structures, primal algebras

Cited in 1 Document

**Keywords:**

[minor of function](#); [multisorted function](#); [multisorted operation](#); [reflection](#)

**Full Text:** [DOI Link](#)

**References:**

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