Mossakowski, Till; Haxthausen, Anne E.; Sannella, Donald; Tarlecki, Andrzej
CASL—The Common algebraic specification language: Semantics and proof theory. (English) [Zbl 1104.68365]

CASL has been designed by the Common Framework Initiative for algebraic specification and document (CoFI) and was intended to provide a standard language for the specification and development of modular software systems by subsuming some of previous algebraic specification languages. CASL contains several layers: basic specifications, structured specifications, architectural specifications, libraries of specifications. The paper presents an overview on a simplified version of CASL discussing syntax, semantics and proof calculus.

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