

ALGEBRAIC STRUCTURE OF FUNDAMENTAL SEMANTIC MODELS

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The fundamental semantic models $\text{PFn}(S)$ for the deterministic case and $\text{Rel}(S)$ or the matrices with entries relations between elements from S for the nondeterministic case are found to be biflows. These together with similar properties of finite partial functions and finite relations allows to unify the study of the syntax and semantic of programs.

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