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Turi   Plotkin   2–   1–

Well-behaved Translations between Structural Operational Semantics

Hiroshi Watanabe†

We examine two versions of maps between distributive laws as candidates for well-behaved translations between structural operational semantics, and validate that by using simple coalgebraic arguments. We give some concrete examples of well-behaved translations that are maps between distributive laws. The modelling of structural operational semantics uses Turi and Plotkin's categorical models of GSOS. These maps between distributive laws come from the previous work on 2-categories of distributive laws.

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† CRT of Informatics, National Institute of Advanced Industrial Science and Technology