

Pattern Calculus with Regular Types

Besik Dundua

I.Vekua Institute of Applied Mathematics of Iv. Javakishvili Tbilisi State University
Tbilisi, Georgia, bdundua@gmail.com

The pattern calculus we discuss in this talk integrates the functional mechanism of the lambda-calculus and the capabilities of pattern matching with regular types. Such types introduce non-determinism in the calculus, because pattern matching is not unitary. We prove, that the calculus enjoys subject reduction property.

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