

**Krasko, E. S.; Labutin, I. N.; Moskvina, D. N.; Omelchenko, A. V.; Khrabrov, A. I.**  
**On some enumerative problems in lambda calculus.** (English. Russian original) [Zbl 07253502](#)  
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Summary: Combinatorial problems related to the enumeration of lambda terms in the untyped lambda calculus and in the Church-style simply typed lambda calculus with a single atom are considered. For the case of untyped lambda calculus, a system of equations for generating functions that enumerate lambda terms is derived. For the typed lambda calculus, the inhabited types are enumerated, as well as their primitive inhabitants.

**MSC:**

**68N18** Functional programming and lambda calculus  
**05A15** Exact enumeration problems, generating functions

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

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