

Alonzo ChurchAlan Turing16""""""""88

ACM""""""

Andrew Hodges ""robbed""

lambda calculus ""

# lambda calculus

""Theory of Computation"" computability""(complexity Sipser

"" TA lambda calculus""Universal Turing Machine""meta-circular interpreter IU meta-circular interpreter....."" lambda calculus lambda calculus

## A Reformulation of Reducibility/Undecidability Proof of Halting Problem without Diagonalization

Amr Sabry [Computability and Complexity from a Programming Perspective](#) Neil Jones ("Partial Evaluation") Pascal lambda calculus "WHILE" Jones

Jones

CMU Robert Harper [Languages and Machines](#) Harper lambda calculus

# lambda calculus

2012 POPL Neil Jones "lambda calculus"Lambda calculus lambda calculus ""

Jones lambda calculus   Lambda calculus   ""   beta-reduction, alpha-conversion, eta-conversion, ...

"" lambda calculus lambda ""alpha-conversion""..... lambda calculus [Y combinator](#)[What is a program?](#) Matthias Felleisen Matthew Flatt [Programming Languages and Lambda Calculi](#)

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