

PLFM Testat 1 – Lambda Calculus

<https://lambdacalc.io/>

Derivation ?

 $((\lambda f. \lambda g. \lambda x. f (g x)) (\lambda x. x)) (\lambda x. x)$

Start

1. $\lambda f. \lambda g. \lambda x. f (g x) \lambda x. x$ $\rightarrow \beta$ user selected2. $\lambda g. \lambda x. \lambda x_0. x_0 (g x) \lambda x. x$ $\rightarrow \beta$ user selected3. $\lambda g. \lambda x. g x \lambda x. x$ $\rightarrow \beta$ user selected4. $\lambda x. \lambda x_0. x_0 x$ $\rightarrow \beta$ user selected $\lambda x. x$

✔ Normal form reached. No further reductions possible.

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