Problem #19

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> *Summary: Can strong normalization of the typed lambda calculus be proved by a reasonably straightforward mapping from typed terms to a well-founded ordering?*

Can strong normalization (termination) of the typed lambda calculus be proved by a reasonably straightforward mapping from typed terms to a well-founded ordering? Note that the type structure can remain unchanged by β-reduction. The same question arises with polymorphic (second-order) lambda calculus.

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