Task 1. Lambda Term Reduction

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\begin{split} ((\lambda a.(\lambda b.bb)(\lambda b.bb))b)((\lambda c.(cb))(\lambda a.a)) &= (\lambda a.(\lambda b.bb)(\lambda b.bb))b((\lambda c.cb)(\lambda a.a)) \\ \rightarrow_{\beta} (\lambda b.bb)(\lambda b.bb)((\lambda c.cb)(\lambda a.a)) \\ \rightarrow_{\beta} (\lambda b.bb)(\lambda b.bb)((\lambda a.a)b) \\ \rightarrow_{\beta} (\lambda b.bb)(\lambda b.bb)b \\ \rightarrow_{\beta} \dots \end{split}
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