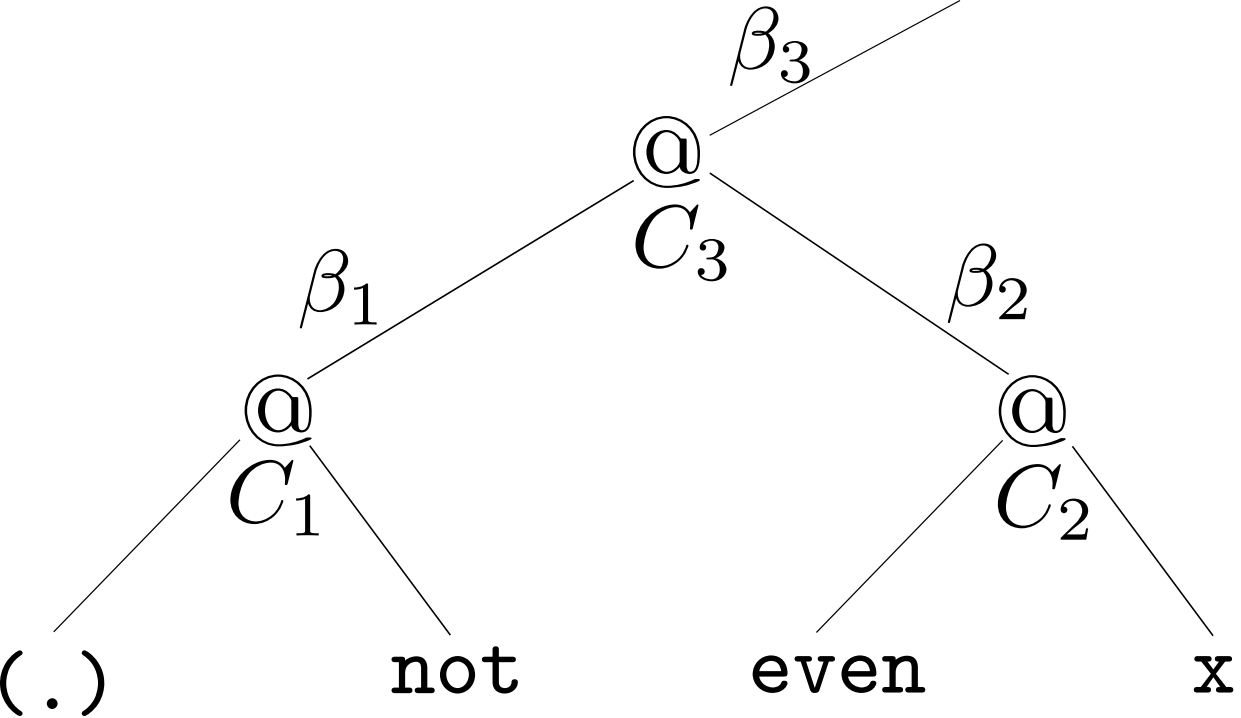

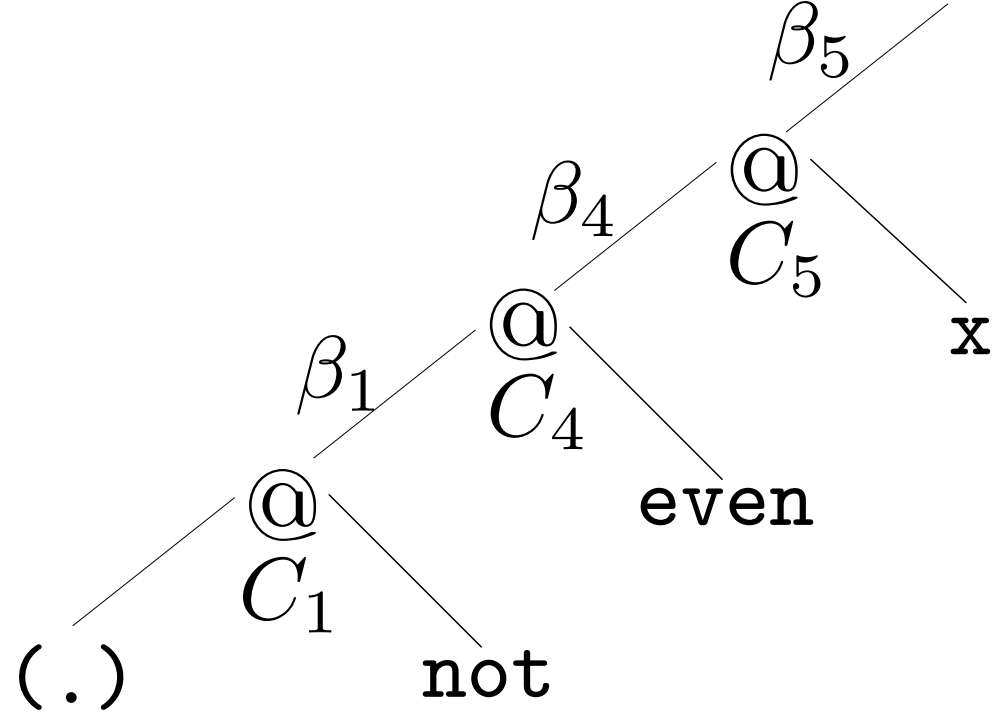

$C_1 : (\alpha_2 \to \alpha_3) \to (\alpha_1 \to \alpha_2) \to \alpha_1 \to \alpha_3 =^? (\texttt{Bool} \to \texttt{Bool}) \to \beta_4$

$C_2 : \texttt{Int} \to \texttt{Bool} =^? \alpha_4 \to \beta_2$

$C_3 : \beta_1 =^? \beta_2 \to \beta_3$

$C_4 : \beta_1 =^? (\texttt{Int} \to \texttt{Bool}) \to \beta_4$

$C_5 : \beta_4 =^? \alpha_4 \to \beta_5$