

Exercises

- (1) 1. Reduce the following combinators to normal form.
 - (a) SSSS
 - (b) SSSSS
 - (c) SS(SS)(SS)
- (1) 2. Compute $\langle x_1 \cdots x_n \rangle x_i$ for all $1 \leq i \leq n$.
- (2) 3. Prove the lemma on [slide 21](#).
- (3) 4. Prove the lemma on [slide 25](#).