

Homework Assignment 8

References and Exceptions

Due: Monday, November 3, by noon

Submission instructions: Same as always.

1 Exercise 13.1.3 in TAPL.

2 Exercise 13.3.1 in TAPL.

3 Exercise 13.5.8 in TAPL.

4 Exercise Write out the statements and proofs of the progress and preservation theorems for the system described in Section 14.2 — i.e., the simply typed lambda calculus with the base type `Unit` and the rules for exceptions listed in Figures 14.1 and 14.2.

5 Debriefing

1. How many hours did you spend on this assignment?
2. Would you rate it as easy, moderate, or difficult?
3. How much did you rely on our solutions while developing yours? (Completely / substantially / moderately / just for verification / not at all?)
4. Did you work on it mostly alone, or mostly with other people?
5. How deeply do you feel you understand the material it covers (0%–100%)?
6. Any other comments?

All of the solutions can be found in the back of the book, except for problem 4.