Computing and Software 701

Logic and Discrete Mathematics
In Software Engineering

Fall 2008

Exercise 5

40 pts.

Due 12 December 2008

Revised: 8 November 2008

1. [20 pts.] Formalize in STT the theory of well-orders.

2. [20 pts.] Formalize in STT the theory of stacks of abstract elements. You may use two base types of individuals, ι_1 and ι_2, to represent the domain of abstract elements and the domain of stacks of abstract elements, respectively.