CST Part IB *Semantics of Programming Languages*
List of corrections to the lecture notes

April 23, 1999

Page 4: Line two should end with Config, not T.

Page 6: The configurations mentioned on bottom half of the page should be enclosed in angle brackets $\langle \quad \rangle$ rather than round brackets $(\quad)$.

Page 10, line -1: "of a structural operational semantics for . . . ".

Page 15: Delete the second "E" in the first line of Example 2.2.1.

Page 15, line -3: "in the definition of Φ".

Page 21: Remove "with one axiom for reflexivity and one rule for transitivity" from Exercise 2.5.3.

Page 31: The side-condition on rule $(\Downarrow_{\mathrm{op}})$ should read "where $c = n_1 \; op \; n_2$ (for op an integer or boolean operation)".

Page 37, line -1: Delete the word "stuck".

Page 46: The side-condition on rule $(\Downarrow_{\mathrm{op}})$ should read "where $c = n_1 \; op \; n_2$ (for op an integer or boolean operation)".

Page 49, line 2: Replace "Slide 6" by "Figure 6".

Page 57, Slide 41: " . . . for associating . . . ".

Page 63: Replace "$(\Downarrow_{\mathrm{iop}})$" and "$(\Downarrow_{\mathrm{bop}})$" by "$(\Downarrow_{\mathrm{op}})$".

Page 68: In the conclusion of the proof tree in Example 5.4.1, the configuration to the right of $\Downarrow$ should be $\langle 0, \{\ell \mapsto 0\}\rangle$.

Page 77, lines 2 and -5: "$\mathbf{skip}$" missing after ". . . $W_1\mathbf{else}$".

Page 81, line -6: "semantically equivalent functions".

Page 82, line -3: "thus $M_1 \cong_{\mathrm{ctx}} M_2 : cmd$."

Page 88: The first axiom in Figure 10 should be labelled $(\xrightarrow{\mathrm{loc}})$.