Abstract Families of Abstract Categorial Languages
Errata

June 26, 2008

1. On page 68, in the definition of $\lambda{\to}_\Sigma$, the third clause must have the proviso that x not be declared in $\Gamma - \{x : \alpha\}$.

2. On page 68, the first clause (i) of the definition of "linear" should read:

(i) for any subterm $\lambda x.N$ of M, $x \in \mathrm{FV}(N)$;

3. In Example 2.1 on pages 70–71, $\mathscr{L}(\textrm{A}), \mathscr{L}(\textrm{B}), \mathscr{L}(\textrm{C})$ should be defined as follows:

$$\mathscr{L}(\textrm{A}) = \lambda uw.\mathsf{a}(u(\lambda z.z)w),$$
$$\mathscr{L}(\textrm{B}) = \lambda uw.\mathsf{b}(u(\lambda z.z)w),$$
$$\mathscr{L}(\textrm{C}) = \lambda uw.\mathsf{c}(u(\lambda z.z)w).$$

4. On page 73, the definition of $\mathscr{L}^{-1}(L)$ should read

$$\{\, M \in \Lambda_{\mathrm{lin}}(\Sigma) \mid \mathscr{L}(M) \in L \,\}.$$

5. In the second paragraph of Section 5 on page 77, the correct definition of $L^{n+1,c}$ is

$$L^{n+1,c} = L^{n,c} \cup L \cdot_c L^{n,c}.$$