

Derivation and Computation: corrections and amendments

January 16, 2002

The original L^AT_EX manuscript has all chapters beginning on a right hand page. I arranged that each display occurred on the same double page in which it was first referred to. For instance tables 7.1 and 7.1 were on the same double page (with 7.1 on the left and 7.2 on the right). In the printed version some blank pages at the end of chapters have been omitted, and some displays are now over the page.

These are the errors that I know of. If you find others please let me know.

(page, line)

- (55, 2-) $\alpha(\cdot)$ *should be* $(\cdot)^\alpha$.
- (94, 11+) Exercise *should be* exercise
- (131, 15+) \mathcal{S} *should be* \mathfrak{S} .
- (131, 17+) \mathcal{S} *should be* \mathfrak{S} .
- (135, 4+) \mathcal{B} *should be* \mathfrak{B} .
- (171, 13-) $\bigvee A \in A$ *should be* $\bigvee A \in \text{Ord}$
- (173, 1-) $(\beta)^{\alpha\gamma}$ *should be* $(\beta^\bullet)^{\alpha\gamma}$
- (205, 6-) $\omega[\sigma.l]$ *should be* $\omega[\sigma, l]$
- (205, 5-) $E[\sigma', r.l']$ *should be* $E[\sigma', r, l']$

The derivation of β on the right hand side contains an extra, unneeded line. The central part should be

$$(216, 11) \quad \frac{\theta, \tau, \sigma \vdash \phi}{\tau, \sigma, \theta \vdash \phi} (X \dots X)$$

so the judgement

$$\sigma, \psi, \tau \vdash \phi$$

should not be there.

- (240, 3-) Perhaps some brackets should be larger.
 $\mathbf{G}(\mathbf{G}(\binom{3}{2}(\binom{3}{1}))(\binom{3}{2}))$ *should be* $\mathbf{G}(\mathbf{G}(\binom{3}{2}(\binom{3}{1}))(\binom{3}{2}))$
- (241, 5+) $\mathbf{G}(\mathbf{G}(\binom{4}{1}\mathbf{S})(\binom{3}{3}(\mathbf{G}(\binom{4}{1}\mathbf{K})(\binom{3}{2}))))(\binom{3}{1})$ *should be*
 $\mathbf{G}\left(\mathbf{G}\left(\binom{4}{1}\mathbf{S}\left(\binom{3}{3}(\mathbf{G}(\binom{4}{1}\mathbf{K})(\binom{3}{2}))\right)\right)\right)\left(\binom{3}{1}\right)$
- (336, 5-) $jmp \circ (\mathbb{G}_3(l, k, j, i')jmp)$ *should be* $jmp(\mathbb{G}_3(l, k, j, i')jmp f)$
- (372, 15-) substitution *should be* substitution
- (357, 5+) Solution *should be* solution
- (357, 8-) $Lfg \circ f \circ h$ *should be* $L = fg \circ f \circ h$