Errata as of 6 June 2010 for

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Dynamic Epistemic Logic with Justification

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Notation. $m_1 L + n_1$ is the $n_1$-th line from the top of that page $m_1$ (taking $n_1 = 0$ gives the top line). $m_2 L - n_2$ is the $n_2$-th line from the bottom of the page $m_2$ (taking $n_2 = 0$ gives the bottom line). Every printed line of text is to be counted (including headers, page numbers, and footers).

253L-3 to 254L-3 (3 June 2010)

On 253L-3, change $w'$ to $v'$. On 253L-2, change each of the three occurrences of $w'$ to $v'$.

Change 253L-0 to the following:

$$d(B \circ B') < |B| \cdot |B'| + 1 + (4 + d(B))^{5 + d(B')} \cdot (1 + d(B'))$$

Change 254L+3 to the following:

$$< \left(5 + |B| \cdot |B'| + (4 + d(B))^{5 + d(B')} \cdot (1 + d(B'))\right) \cdot d(\varphi)$$

After making this change to 254L+3, observe that the inequality taking us from 254L+3 to 254L+4 indeed holds because we have that

$$(4 + d(B))^{10 + 2 \cdot d(B')} > (4 + d(B))^{5 + d(B')} + (4 + d(B))^{5 + d(B')} ,$$

and that

$$(4 + d(B))^{5 + d(B')} \cdot (1 + d(B')) > 5 + |B| \cdot |B'| .$$

On 254L-4, change “>” to “≥”.

276L+4 (3 June 2010)

After the period, add a new footnote that reads: “This was discovered by Evan Goris (personal communication).” That the formula $(s \gg (t \gg \varphi)) \supset (t \gg \varphi \supset s: (t \gg \varphi))$ expresses Monotonicity was originally discovered by Evan Goris (in a personal communication) sometime before 12 December 2006.

276L+6 (3 June 2010)

After the period, add a new footnote that reads: “This was also discovered by Evan Goris (personal communication).” That the formula $s: \varphi \supset (t \gg \varphi \supset t: \varphi)$ is needed for completeness was originally discovered by Evan Goris (in a personal communication) sometime before 12 December 2006.