Errata as of 6 June 2010 for

Bryan Renne
Dynamic Epistemic Logic with Justification
PhD thesis, The City University of New York, 2008.

http://bryan.renne.org/

Notation. m_1L+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_2L-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 "$\geq$".

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.