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MONSTR I — Fundamental Issues and the Design of MONSTR

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Definition 3.11 (Notifications)  Clause (4) specifies the node marking incorrectly when there is more than one notification arc from $x$ to $t$. It should read:

(4) $\mu_H(x) = \begin{cases} \text{If } \mu_G(x) = \#^n \text{ (with } n \geq 1) \text{ and } \\
0 \neq m = |\{k \in A(x) \mid \alpha_G(x)[k] = t \text{ and } \nu_G(x)[k] = ^\wedge\}| \\
\text{Then } \#^{n-m} \text{ (where } \#^0 = *, \text{ and } \#^{-p} = \varepsilon \text{ for } p \geq 1) \\
\text{Else If } x = t \text{ Then } \varepsilon \\
\text{Else } \mu_G(x). \end{cases}$

Definition 6.4 (Packet Store Implementation of Notifications)  Clause (3).(a) is affected by a similar problem, and should read:

(3) For all $l.k \in \rho_G(\pi(t))$,

(a) $\mu_H(l) = \begin{cases} \text{If } \mu_G(x) = \#^n \text{ (with } n \geq 1) \text{ and } \\
0 \neq m = |\{l.k \in \rho_G(\pi(t))\}| \\
\text{Then } \#^{n-m} \text{ (where } \#^0 = *, \text{ and } \#^{-p} = \varepsilon \text{ for } p \geq 1) \\
\text{Else } \mu_G(l) \end{cases}$

Example 11.7 (Bottom Avoiding Merge Revisited)  The default rules for Consumer and Reader each have a missing activation. They should read:

Default rule in $D_{\text{Consumer}}$
Consumer[$x$] => #Consumer[$^\wedge x$]

Default rule in $D_{\text{Reader}}$
Reader[$x$] => #Reader[$^\wedge x$]