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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) 
$$\mu_H(x) = \text{If } \mu_G(x) = \#^n \text{ (with } n \ge 1) \text{ and }$$

$$0 \ne m = |\{k \in A(x) \mid \alpha_G(x)[k] = t \text{ and } \nu_G(x)[k] = ^\}\}|$$
Then  $\#^{n-m}$  (where  $\#^0 = *$ , and  $\#^{-p} = \varepsilon$  for  $p \ge 1$ )
Else If  $x = t$  Then  $\varepsilon$ 
Else  $\mu_G(x)$ .

**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) 
$$\mu_H(l) = \text{If } \mu_G(x) = \#^n \text{ (with } n \ge 1) \text{ and } 0 \ne m = |\{k \mid l.k \in \rho_G(\pi(t))\}|$$
  
Then  $\#^{n-m}$  (where  $\#^0 = *$ , and  $\#^{-p} = \epsilon \text{ for } p \ge 1$ )  
Else  $\mu_G(l)$ 

**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 
$$D_{Consumer}$$
  
Consumer[ x ] => #Consumer[ ^\*x ]

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