Kimmo Varpaaniemi: Efficient Detection of Deadlocks in Petri Nets
Helsinki University of Technology
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Errata

Page 16, line 2:
The expression $t \in f(M)$ should be replaced by the expression $t \in f(M'')$.

Page 21, the last but three line:

$$\forall t \in T_s \ \forall t' \in T \setminus T_s \ \forall M' \in \mathcal{M} \ (M[t\rangle \wedge M'[t\rangle \wedge M'[t'\rangle) \Rightarrow (M[tt'\rangle \wedge M[t't\rangle).$$

Correction:

$$\forall t \in T_s \ \forall t' \in T \setminus T_s \ \forall M' \in \mathcal{M} \ (M[t\rangle \wedge M'[t\rangle \wedge M'[t'\rangle) \Rightarrow (M'[tt'\rangle \wedge M'[t't\rangle).$$

Page 27, the last line:

$$\{t \in f(M) \mid \forall \delta \in (T \setminus T_s)^* \ M[\delta\rangle \Rightarrow M[\delta t\rangle\}$$

Correction:

$$\{t \in f(M) \mid \forall \delta \in (T \setminus f(M))^* \ M[\delta\rangle \Rightarrow M[\delta t\rangle\}$$

Page 34, lines 6, 13, and 17:
The expression $\neg M[t\rangle \wedge s \in {}^\bullet t$ should be replaced by the expression $s \in {}^\bullet t \wedge M(s) < W(s,t)$.

Page 34, lines 30 and 31:
"both accessible from some enabled transition and" should be left out from the text.

Page 41, Figure 13, line 7:

if Fire and Sleep are both empty then print "Terminal state!";

Correction:

if Fire and $\{t \in \text{Sleep} \mid M[t\rangle\}$ are both empty then print "Terminal state!";

Page 50, lines 3 and 4:

"Assistant Professor Mikko Tiusanen" should be replaced by "Acting Associate Professor Mikko Tiusanen", and "Assistant Professor Antti Valmari" should be replaced by "Associate Professor Antti Valmari".