

Errata of *Modelling Distributed Systems* (1st edition)

- **p26, Def 1:** There's a mistake in the bisimulation definition... In clause 1, “with $s'_1 \mathcal{B} s'_2$ ” is missing.
(reported by Ela Krepska, 8/11/2007)
- **p44:** (B or D) \rightarrow (B, C, E or F)
The communication laws below have to be adapted accordingly
(reported by Rena Bakhshi, 15/4/2008)
- **p49, specification of Z:** $Y(\text{tail}(\lambda), 1 - b, 0) \rightarrow Y(\text{tail}(\lambda), 1 - b, S(0))$
(found by myself, 4/10/2009)
- **p73, Exa 17, 3rd line from the end:** $X_1 = a \cdot X_1 \cdot b + c \cdot b \rightarrow X_1 = a \cdot X_2 + c \cdot Z_1$
(found by myself, 20/4/2008)
- **p88:** Due to the b -loop \rightarrow Due to the τ -loop
(reported by Jun Pang, 14/3/2008)
- **p95:** the may transitions are a subset of the must transitions \rightarrow the must transitions are a subset of the may transitions
(reported by Maciej Gazda, 9/6/2008)
- **p123, Exe 86:** synchronous version of the TIP \rightarrow two unbounded queues in sequence
(found by myself, 1/4/2008)
- **p127:** Visualize en then \rightarrow Visualize and then
(reported by Jun Pang, 20/2/2008)
- **p131, Exe 1:** In the **var** section, $n, m: \text{Nat}$ should be omitted.
(reported by Ajin Man Tuladhar and Jeroen Willemsen, 24/3/2009)
- **p140, Exe 59:** In lines 3, 6 and 9, $Y(m)$ should be replaced by $Y(S(m))$ (4 times)
(found by myself, 1/7/2008)
- **p140, Exe 60:** $n_i := f(n_i) \rightarrow n_i := g(n_i)$
 $n_j := f'(n_j) \rightarrow n_j := g'(n_j)$
(reported by David M. Williams, 3/11/2011)
- **p140, Exe 61:** $h_2(d') = 3 \rightarrow h_2(d'') = 3$
(reported by Jeroen Willemsen, 8/12/2009)
- **Reference [5]:** Formal Methods in System Design \rightarrow Formal Aspects of Computing
(reported by Jun Pang, 22/2/2008)