

"Embedded System Design"  
 by Peter Marwedel, University of Dortmund,  
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 - list of corrections of content -

| Page | Line/fig.       | Correction   |
|------|-----------------|--|
| 22   | Fig 2.8         | Replace "excl. On/off" by "incl. On/off"   |
| 24   |                 | Clarification: The described semantics is that of StateMate. Other implementations of StateCharts exist which do not use the described three phases.   |
| 34   | Below fig. 2.22 | The second sentence should read: "Process interaction diagrams are next to the leaves of the hierarchical description.   |
| 40   |                 | The sentence below the second definition should read: "This definition is mostly used for the case of $x \in E$ , but it applies also to the case of $x \in C$ ." (E and C swapped)                    |
| 40   |                 | The definition of simple nets should read: "A net is called simple if no two transitions t1 and t2 have the same set of pre- and postconditions".  |
| 133  | Fig. 4.6        | The schedule is correct only until time 13. Dynamic checking of the laxity should result in a context switch back to task T2.  |
| 134  |                 | Note that the reference to topological sorting applies to the case of no time constraints other than for the last task. If other tasks also have time constraints, sorting has to respect their order. |
| 139  | 1               | Replace "frequency" by "period" (twice).   |
| 142  | 8               | Replace "lowest" by "highest".   |
| 161  | Fig. 5.8        | The black box of array X should be dark grey.  |
| 162  |                 | Replace kk by k in the upper limit test of the for loop iterating over k.  |

The second edition of "Embedded System design" also contains the following enhancements:

- Added reference to the book Axel Jantsch: Modeling Embedded Systems and SoC's: Concurrency and Time in Models of Computation, Morgan Kaufmann, 2003
- Added reference to the book Frank Vahid: Embedded System Design, John Wiley & Sons, 2002
- All URLs have been checked and updated if necessary.