



Erratum

Erratum to “The monadic second-order logic of graphs VI: On several representations of graphs by relational structures” [Discrete Applied Mathematics 54 (1994) 117–149][☆]

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The paper was revised in November 1992 and published in November 1994. For some unclear reason, I did not get the galley proof to correct, and I could not update some references. Leaving out some evident types, I indicate here some corrections to errors that may hinder the reader.

Page 117: Email is courcell@labri.u-bordeaux.fr.

Page 120, line 4: “... larger than that of T .”.

Page 121, line 6: “... so that Δ can be of the form ...”.

Page 122, first line of the proof: “... $\{\forall x. (x \in X_i \Rightarrow \psi_i(x))\}$...”.

Page 130, line 8 and page 133, line 1: read v instead of v .

Page 131, line 3 of Remark 3.4: $<$ instead of \leq .

Page 133, lines 1,3,4 of the proof: replace “only” by “the one” (3 times).

Page 134, last line: read “... $m = k^2 + 1$.”.

Page 135, line 7: The link mark is (S) not (5).

Page 138, 5 lines before Proposition 6.1: read **und** (\mathcal{R}_{k^2}) instead of **und**(\mathcal{R}_k^2).

Page 142, line before Proposition 6.6: “... the unique one in ...”.

References

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- [13] B. Courcelle, The monadic second-order logic of graphs VIII: Orientations, *Ann. Pure Appl. Logic* 72 (1995) 103–143.
- [14] B. Courcelle, Monadic second-order definable graph transductions: a survey, *Theoret. Comput. Sci.* 126 (1994) 53–75.
- [16] B. Courcelle and J. Engelfriet, A logical characterization of the sets of hypergraphs defined by hyperedge replacement grammars, *Math. Systems Theory* 28 (1995), to appear in December 1995.

[☆]SSDI of original article: 0166-218X(94)E0096-H.

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The definability of linear orderings by monadic second-order formulas has been considered in:

B. Courcelle, The monadic second-order logic of graphs X: Linear orderings, *Theoret. Comput. Sci.*, to appear.