

Errata for [WBR15]

April 29, 2015

1. On p. 937 (p. 32 in the version on the first author's website), in Proposition 39, the condition 'Whenever $\sum_{i \leq m} f_{i0}(\sum_{k < i} o(\sigma)^k \sigma^{i-k-1}) \neq 0$ ' should be changed into 'Whenever $o(\sum_{i \leq m} f_{i0}(\sum_{k < i} o(\sigma)^k \sigma^{i-k-1})) \neq 0$ '. In the seventh line of the proof, the same change should be applied once more (after correcting the typo ' $\neq 0$ ' into ' $\neq 0$ ').

This change (and weakening of the proposition) is necessary because in the ring of streams, the inverse σ^{-1} of a stream σ only exists if $o(\sigma) \neq 0$.

References

- [WBR15] Joost Winter, Marcello M. Bonsangue, and Jan Rutten. Context-free coalgebras. *Journal of Computer and System Sciences*, 81(5):911–939, 2015.