



# Correction to: Complexity-theoretic aspects of expanding cellular automata

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## Correction to: Natural Computing <https://doi.org/10.1007/s11047-020-09814-2>

In the original publication, certain mathematical formulas were rendered incorrectly or are missing from the text.

The first sentence of Definition 2 (p. 3, left column) should read: “Let  $V = \{x\} \cdot \{0, 1\}^+$  and  $V_L = \text{BOOL}_V \cdot \{\in_L\}$  for  $L \in \{\text{SAT}, \text{TAUT}\}$ .”

In the third paragraph in the proof of Proposition 9 (p. 6, right column), the sentence “The behavior for [...]” should

read: “The behavior for  $f_2 \in \text{TAUT}$  is analogous, with  $A$  emulating the XCA for TAUT instead (and with exchanged accept and reject states, accordingly).”

In the proof of Proposition 12 (p. 8, left column), in the sentence “Lemma 11 together with [...],” the formula “ $g \in \text{TAUT!}$ ” is to be replaced with “ $g \in \text{TAUT}$ ”.

The original article has been corrected.

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