

Addendum

**A Mathematical Classification
of the One-Dimensional
Deterministic Cellular Automata**

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We received the following letter from E. M. Coven:

“I write to bring to your attention the paper of G. A. Hedlund, Endomorphisms and automorphisms of the shift dynamical system, [Math. Syst. Theory **3**, 320–375 (1969)]. This excellent survey article deals with some of the work done on one-dimensional deterministic cellular automata in the 1950’s and 1960’s, a time when neither the subject nor the term was in vogue.

In particular, the theorem in your recent paper on one-dimensional deterministic cellular automata [Commun. Math. Phys. **112**, 527–631 (1987)] is Theorems 5.4 and 5.9 in Hedlund’s paper.”

E. M. Coven is perfectly right, although our methods are quite different. We thank him for this information and take this opportunity to draw the attention to the above quoted reference.