

Erratum

Volume 41, Number 3 (1984), in the article "Embedding of Weak Markov Systems," by R. A. Zalik, pages 253–256.

On page 254, lines 13 and 14, the sentence that begins with: "Define y_i on A^c ..." should be changed to the following: "Define y_i on A^c as follows: If t is in A , $y_i(t) = u_i(t)$; on the other hand, if t is a point of accumulation of A that does not belong to A , $y_i(t) = \lim_{k \rightarrow \infty} u_i(x_k)$, where $\{x_k\}$ is a sequence of points of A that converges to t and such that $\{u_i(x_k)\}$ is convergent for all i , $0 \leq i \leq n$."

The reason for this change is that if $y_i(t)$ is defined as $\limsup_{x \rightarrow t} u_i(x)$ as was done originally, then all we can say is that for each i there is a sequence $\{x_k^{(i)}\}$ such that $y_i(t) = \lim_{k \rightarrow \infty} u_i(x_k^{(i)})$. Since the sequences $\{x_k^{(i)}\}$ might be all different, this is not enough to guarantee that $\{y_0, \dots, y_n\}$ is a weak Markov system.

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