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**Joseph L Herning\*** ([joe.herning@gmail.com](mailto:joe.herning@gmail.com)). *Bijective substitutions without topological subshift factors isomorphic to their maximal equicontinuous factors.*

This paper shows how to construct bijective substitutions which do not admit topological factors which are subshifts and also have infinite pure discrete spectrum. We first show how in the case of certain constant-length substitutions it is possible to achieve all non-trivial topological subshift factors, or sliding block codes, as substitutions. Then, we find among bijective substitutions examples for which the process can never yield a coincident substitution. (Received September 13, 2013)