

ON HALF-SYNCHRONIZED SYSTEMS

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Abstract. A subclass of coded systems containing synchronized systems is the family of half-synchronized systems. In this note, we show that the property ‘half-synchronized’ lifts under hyperbolic maps. This enables us to define an equivalence relation on the set of half-synchronized systems. Also, when the domain is half-synchronized, we show that right-closing a.e., 1-1 a.e. factor maps have a strong decoding property.

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