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**John Antonoli\*** ([antonio1@uvic.ca](mailto:antonio1@uvic.ca)). *Infinite-to-one factors of shifts of finite type and compensation functions.*

In recent years a number of "technological advancements" have led to a much more detailed picture of infinite-to-one factors of shifts of finite type. We will discuss some results relating to entropy and equilibrium states stemming from this work. In particular we will discuss a phase transition related to compensation functions for these factors. (Received September 10, 2013)