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Equilibrium states for (α, β) -transformations.

We consider interval maps of the form $x \mapsto \alpha + \beta x \bmod 1$ and their associated shift spaces, where $\beta > 1$. In 2013, Climenhaga and Thompson proved that every Hölder potential has a unique equilibrium state in the case when $\alpha = 0$. In our work we investigate uniqueness of equilibrium states in the general case. (Received August 27, 2018)