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Leonard Carapezza, Marco Antonio López* (marco.lopez@unt.edu) and **Donald Robertson.** *Equilibrium states for α, β transformations.*

We consider interval maps of the form $x \mapsto \alpha + \beta x \pmod{1}$ 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 February 12, 2018)