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Title: Hölder equivalence of homogeneous Moran sets

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For two homogeneous Moran sets $E = \mathcal{C}([0, 1], \{n_k\}, \{c_k\})$ and $E' = \mathcal{C}([0, 1], \{n'_k\}, \{c'_k\})$ with Hausdorff dimensions s and s' with $s' < s$ such that $\{n_k\}$ and $\{n'_k\}$ are bounded and the spacings are uniform in some sense, we prove that there exists a homeomorphism $f : E \rightarrow E'$ such that f is $\left(\frac{s'}{s} - \epsilon\right)$ -Hölder continuous but not $\left(\frac{s'}{s} + \epsilon\right)$ -Hölder continuous for any $\epsilon > 0$.

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