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Elmas Irmak* (eirmak@bgsu.edu), Ann Arbor, MI. *Simplicial Maps of the Complexes of Curves of Nonorientable Surfaces.*

Let N be a compact, connected, nonorientable surface of genus g with n boundary components, and $\mathcal{C}(N)$ be the complex of curves of N . Suppose that $g + n \leq 3$ or $g + n \geq 5$. If $\lambda : \mathcal{C}(N) \rightarrow \mathcal{C}(N)$ is an injective simplicial map, then λ is induced by a homeomorphism of N . If $(g, n) \neq (1, 2)$ and λ satisfies the connectivity property, then λ is induced by a homeomorphism of N . (Received August 25, 2012)