Jorge M Martínez-Montejano* (jorge@matematicas.unam.mx), María Elena Aguilera and Luis Miguel García-Velázquez. Being contractible is not a Whitney reversible property.

Let \mathcal{P} be a topological property. We say that \mathcal{P} is a strong Whitney reversible property if the following implication holds: if X is a continuum and there is a Whitney map μ for C(X) such that $\mu^{-1}(t)$ has property \mathcal{P} for each $t \in (0, \mu(X))$, then X has property \mathcal{P} . We show that being contractible is not a strong Whitney reversible property. (Received July 10, 2012)