



planetmath.org

Math for the people, by the people.

nullhomotopic map

Canonical name	NullhomotopicMap
Date of creation	2013-03-22 14:00:26
Last modified on	2013-03-22 14:00:26
Owner	drini (3)
Last modified by	drini (3)
Numerical id	6
Author	drini (3)
Entry type	Definition
Classification	msc 55P10

Let $f : X \rightarrow Y$ be a continuous map. We say that f is *nullhomotopic* if there is a homotopy from f to a constant map c , that is, $f \simeq c$.