

Definition 21.3. *[1NW]* Let $I, J \subseteq \mathbb{R}$ be intervals. Let $\gamma : I \rightarrow X$ and $\delta : J \rightarrow X$ be two curves. We will write $\gamma \sim \delta$ if there exists an increasing homeomorphism^a $\varphi : I \rightarrow J$ such that $\gamma = \delta \circ \varphi$.

^aSee *[2B9]*.