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quasicomponent

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Let X be a topological space. Define a relation \sim on X as follows: $x \sim y$ if there is no partition of X into disjoint open sets U and V such that $U \cup V = X$, $x \in U$ and $y \in V$.

This is an equivalence relation on X . The equivalence classes are called the *quasicomponents* of X .