



Math for the people, by the people.

proximity continuous

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Synonym	near-continuousness
Defines	δ -continuous

Let (P, δ) and (Q, ϵ) be proximity spaces.

A function $f : P \rightarrow Q$ is said to be *proximity continuous* if for any subsets $A, B \subseteq P$, $A \delta B$ implies that $f(A) \epsilon f(B)$.