densely defined

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Given a topological space X, we say that a map $f\colon Y \to X$ is **densely defined** if its domain Y is a dense subset of X.

This terminology is commonly used in the of linear operators with the following meaning: In a normed space X, a linear operator $A\colon \mathscr{D}(A) \subset X \to X$ is said to be **densely defined** if $\mathscr{D}(A)$ is a dense vector subspace of X.