



Metric Dense

1 Why

2 Definition

Consider a metric space. A subset of the base set is **dense** in the base set if every element of the base set is the limit of elements in the subset.

2.1 Notation

Let (A, d) be a metric space. Let $B \subset A$. Then B is dense in A if for each $a \in A$ there exists $\{b_n\}_n$ in B so that $b_n \rightarrow a$.