

Subcategories

A *subcategory* of a **category** C is another **category** B formed from a subset of the objects and morphisms of C with the same composition and identities as C .

Definition 1 (Full Subcategories). A subcategory B of C is **full** iff $\forall x, y \in B, B(x, y) = C(x, y)$ i.e. only orphaned morphisms are removed.