hereditary category

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Definition 0.1. Let $\mathcal{C}$ be a locally small $\mathcal{A}b3$-category. A subcategory $\mathcal{A}$ of $\mathcal{C}$ is called *hereditary* if it verifies the following condition: if Y is an object in a full subcategory $\mathcal{F}$ of $\mathcal{C}$, then any subobject of Y is also in $\mathcal{F}$.