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*$T_0$ - and  $T_1$ -reflections*

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**Abstract:** In an abstract category with suitable notions of subobject, closure and point, we discuss the separation axioms  $T_0$  and  $T_1$ . Each of the arising subcategories is reflective. We give an iterative construction of the reflectors and present characteristic examples.

**Keywords:** factorization system, closure operator, separation axioms, prereflection, reflection

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