

# Strongly minimal theories with computable models

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We give effectiveness conditions on a strongly minimal theory  $T$  guaranteeing that all models have computable copies. In particular, we show that if  $T$  is a strongly minimal and  $T \cap \exists_{n+3}$  is  $\Delta_n^0$  uniformly in  $n$ , then every model has a computable copy. In particular, we answer a long-standing question in computable model theory by showing that if some model of a strongly minimal theory is recursive, then every model is arithmetical; in fact, every model has a copy recursive in  $\emptyset^{(4)}$ .