Esercizio 1. Let C be a finite set. Prove that if $C \cap M \neq \varnothing$ for every model M containing A, then $C \cap \mathrm{acl}(A) \neq \varnothing$.

Esercizio 2. Prove that for every $A \subseteq N$ there is an M such that $\mathrm{acl}A = M \cap N$.

Esercizio 3. Let T be strongly minimal. Prove that every infinite algebraically closed set is a model.