

Fol, Crociere

April 15, 2024

1 Simboli di predicato e funzione

- $F := \text{nome}/1$
- $P := \text{Crociera}/1, \text{Nave}/1, \text{Itinerario}/1, \text{crocNav}/2, \text{crocItin}/2, \text{crocLunMiel}/1, \text{crocFam}/1$
- $V := X, Y, Z$

2 Vincoli

- $\forall X, \exists Y \text{Crociera}(X) \wedge \text{Nave}(Y) \rightarrow \text{crocNav}(X, Y)$
- $\forall X, \exists Y \text{Crociera}(X) \wedge \text{Itinerario}(Y) \rightarrow \text{crocItin}(X, Y)$
- $\forall X, Y ((X \neq Y) \wedge \text{Itinerario}(X) \wedge \text{Itinerario}(Y)) \rightarrow \text{nome}(X) \neq \text{nome}(Y)$
- $\forall X, Y (\text{Crociera}(X) \wedge \text{Itinerario}(Y)) \rightarrow \exists Z \text{Destinazione}(Z) \in Y$
- $\forall X \text{Crociera}(X) \wedge \text{crocLunMiel}(X) \rightarrow \neg \text{crocFam}(X)$