

Predmet: Vyroková a predikatorova logika

Ukol: 3.

Verze: 1.

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$$S \subseteq T \Rightarrow \Theta(T) \subseteq \Theta(S)$$

Neplatí.

Podle tvrzení kde pro každé dvě teorie T a T' platí $T \subseteq T' \Rightarrow \Theta^{\mathbb{P}}(T) \subseteq \Theta^{\mathbb{P}}(T')$

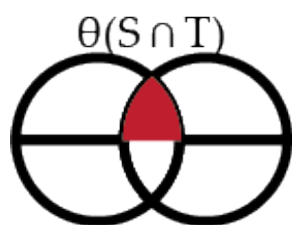
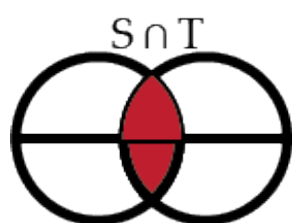
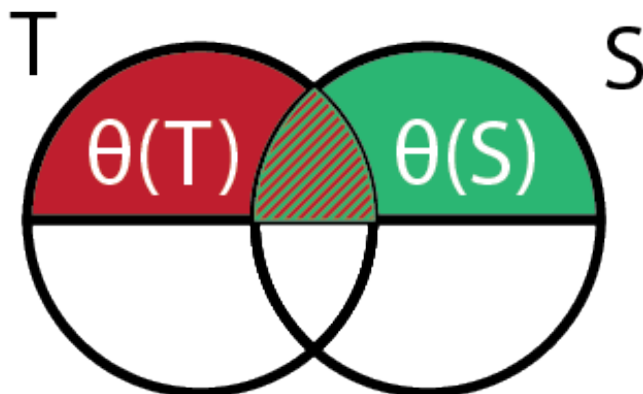
Správná implikace by tedy měla být: $S \subseteq T \Rightarrow \Theta(S) \subseteq \Theta(T)$

$$\Theta(S \cup T) = \Theta(S) \cup \Theta(T)$$

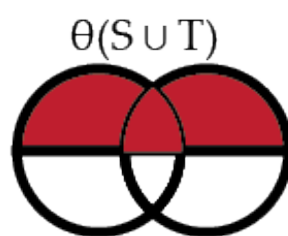
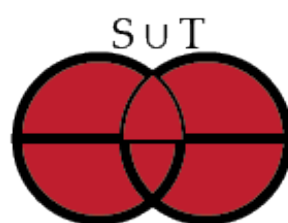
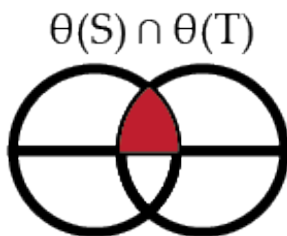
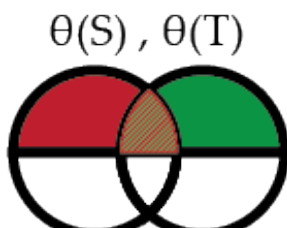
Platí, množiny jsou ekvivalentní, viz obrázek s množinami.

$$\Theta(S \cap T) = \Theta(S) \cap \Theta(T)$$

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