作业-6

## 1. 找语义和指派, 使得FC的公式为真。

 $(1) \forall x P(x) \to Q(f(a))$  $(2) \neg P(f(x), a) \rightarrow \forall x Q(x)$ 

$$(2) \gamma P(f(X), a) \rightarrow \forall X Q(X)$$

3. 
$$2 f(2) = 1$$
,  $f(1) = 2$ 

J. 
$$\forall x \mathcal{Q}(x) = T$$

$$\hat{z} = 1 + (\bar{x}) = 2, \quad (\bar{f}(\bar{x}), \bar{\alpha}) = (2, 2)$$

$$P(f(x), a) = F - TP(f(x), a) = T$$