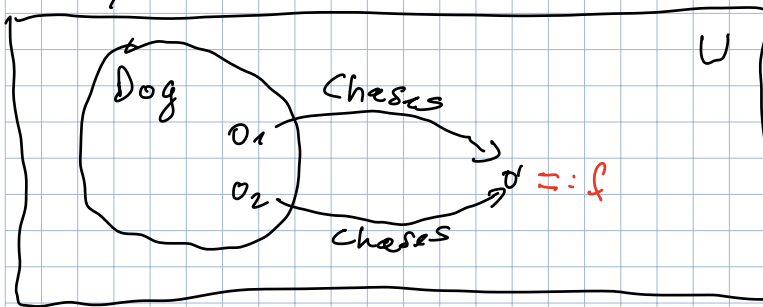


Slide 35

$$\varphi_1 = \exists y \forall x [\text{Dog}(x) \longrightarrow \text{Ch}(x, y)]$$

$$\varphi_1^* = \forall x [\text{Dog}(x) \longrightarrow \text{Ch}(x, f)]$$

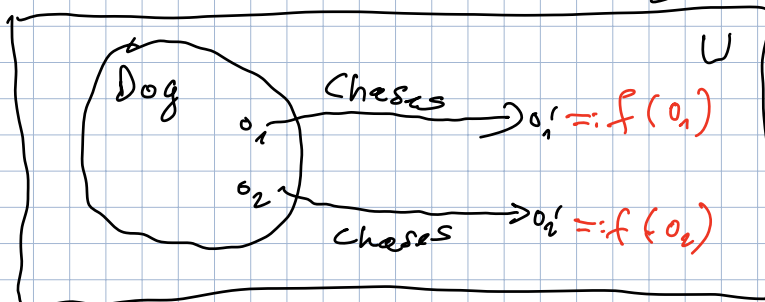


Sholem:

Choose unique
object to
interpret f with.

$$\varphi_2 = \forall x \exists y [\text{Dog}(x) \longrightarrow \text{Ch}(x, y)]$$

$$\varphi_2^* = \forall x [\text{Dog}(x) \longrightarrow \text{Ch}(x, f(x))]$$



Sholem:

Choose one
object for
each $o \in \text{Dog}$
to interpret $f(o)$
with.