

- 32 $\exists xAgx$
 33 $\forall xAbx$
 34 $\forall xAxb$
 35 $\exists xyAxy$
 36 $\exists x\forall yAxy$
 amb: $\forall y\exists xAxy$
 37 $\forall x\exists yAxy$
 amb: $\exists y\forall xAxy$
 38 $\forall xyAxy$
 39 $\forall xAxx$
 40 $\exists xAxx$
 41 $\forall x\sim Axx$
 alt: $\sim\exists xAxx$
 42 $\exists x\forall y\sim Axy$
 alt: $\exists x\sim\exists yAxy$

Translation Scheme for 43-46.

$S\alpha\beta\gamma$: α said β to γ

$P\alpha$: α is a person

- 43 $\forall x(Px \rightarrow \exists y\forall z(Pz \rightarrow Sxyz))$
 amb: $\forall xy(Px \& Py \rightarrow \exists zSxzy)$
 44 $\forall x(Px \rightarrow \exists yz(Pz \& Sxyz))$
 amb: $\exists x(Px \& \forall y(Py \rightarrow \exists zSyzx))$ amb: $\exists x\forall y(Py \rightarrow \exists z(Pz \& Syxz))$
 45 $\forall x(Px \rightarrow \exists y(Py \& \sim\exists zSxzy))$
 46 $\forall xy(Px \& Py \rightarrow \sim\exists zSxzy)$
 47 $\exists xyz((Rx \& (Cy \& Sxy)) \& (Dz \& Lxz))$
 48 $\exists x(Fx \& \forall y(Hy \rightarrow Sxy))$
 alt: $\exists x\forall y(Fx \& (Hy \rightarrow Sxy))$
 amb: $\exists x(Fx \& \exists y(Hy \& Sxy))$
 49 $\exists x(Fx \& \forall y(My \rightarrow Sxy))$
 50 $\exists x(Wx \& \forall y(Fy \& Exy \rightarrow My))$
 amb: $\exists x(Wx \& \forall y(Exy \rightarrow Fy \& My))$
 51 $\exists x(Wx \& \forall y(Fy \& My \rightarrow \sim Exy))$
 52 $\exists xy((My \& Fy) \& Exy) \rightarrow \forall x(Sx \rightarrow \exists y((My \& Fy) \& Exy))$
 amb: $\exists xy((My \& Fy) \& Exy) \rightarrow \exists x(Sx \& \exists y((My \& Fy) \& Exy))$
 53 $\forall wxyz((Jw \& Txw) \& (Oy \& Tzy) \rightarrow Lxz)$ [$T\alpha\beta$: α is β 's tail]