

Figure 1b

The CONTENT of *kodomo ga neru* 'A child sleeps.'

= [7]

=

ARG [4] REL [2] REL_INDEX n

[4]

= The CONTENT of [3]

= $\text{sleep}'(x_n)$

[2]

= The CONTENT of [1]

= $\{X \mid \{x_q \mid \text{child}'(x_q)\} \cap X \neq \emptyset\}$

=

ARG $\text{sleep}'(x_n)$ REL $\{X \mid \{x_q \mid \text{child}'(x_q)\} \cap X \neq \emptyset\}$ REL_INDEX n

=

$\{x_n \mid \text{sleep}'(x_n)\} \in \{X \mid \{x_q \mid \text{child}'(x_q)\} \cap X \neq \emptyset\}$

=

$\{x_q \mid \text{child}'(x_q)\} \cap \{x_n \mid \text{sleep}'(x_n)\} \neq \emptyset$

=

$\exists x[\text{child}'(x) \ \& \ \text{sleep}'(x)]$