

```

    -- subId_ghost . txt
formula_list(usable)
   $[\forall x, \forall z \mid x \subseteq \iota \ \& \ z \subseteq \iota \rightarrow xoz = x \cap z]$ 
end_of_list

    -- subIdBis_ghost . txt
formula_list(usable)
   $[\forall x, \forall y, \forall z \mid x \subseteq \iota \ \& \ y \subseteq \iota \rightarrow xoz \cap yoz \subseteq (x \cap y)oz]$ 
end_of_list

    -- subId_a_ghost . txt
formula_list(usable)
   $[\forall x, \forall y, \forall z \mid (x \cap y)oz \subseteq xoz \cap yoz]$     -- variant of ( viii )
   $[\forall x, \forall y, \forall z \mid x \subseteq \iota \ \& \ y \subseteq \iota \rightarrow (x \cap y)oz = xoz \cap yoz]$ 
   $[\forall x, \forall y, \forall z \mid x \subseteq \iota \rightarrow xo(y \cap z) = xoy \cap xoz]$ 
end_of_list

    -- subIdLaws_a . txt
formula_list(usable)
   $[\forall x, \forall y, \forall z, \forall w \mid x \subseteq \iota \ \& \ y \subseteq \iota \rightarrow (x \cap y)o(z \cap w) = xoz \cap yoz \cap (xow \cap yow)]$     --
  -- specialized variant of ( viii )
   $[\forall x, \forall y, \forall z, \forall w \mid xoz \cap yow \subseteq xox \smile o(yow)]$ 
end_of_list

```

```
-- subIdLaws_b . txt
formula_list(usable)
  [∀x, ∀y, ∀z, ∀w | x ⊆ y & y ⊆ z → x ∪ z ⊆ y]
  [∀x, ∀y, ∀z, ∀w | x ⊆ y & y ⊆ z → x ∪ z ⊆ x] --
  -- trivial from the preceding statement
end_of_list
```