

March 17, 2006

CLASS 14: CONTEXTS

LOCALNESS

So far we have dealt with *extensional contexts*. Let's now look at *intensional contexts*. (We will continue exploring intensionality when we talk about modality.)

- local vs. non-local facts

- (1) The circle is inside the square.
- (2)
 - a. Sentence *S* is true in world *w* if the circle is inside the square in some world.
 - b. Sentence *S* is true in world *w* if the circle is inside the square in all worlds.
 - c. Sentence *S* is true in world *w* if the circle is inside the square in all worlds which are similar to world *w* in terms of the type of triangle they contain.
- (3)
 - a. The circle could be inside the square.
 - b. Perhaps the circle should be inside the square.

EXTENSIONALITY AND SUBSTITUTIVITY

- (4)
 - a. the capital of Cyprus
 - b. Nicosia
- (5)
 - a. This city is the capital of Cyprus.
 - b. This city is Nicosia.
- (6)
 - a. The city they're building will be the capital of Cyprus.
 - b. The city they're building will be Nicosia.
- (7)
 - a. Tassos should resign from being the president.
 - b. Tassos should resign from being Tassos.
- (8)
 - a. The city by the sea was the capital of Cyprus.
 - b. The city by the sea was Nicosia.
- (9)
 - a. Limassol Maria thinks/doubts that her city is the capital of Cyprus.
 - b. Limassol Maria thinks/doubts that her city is Nicosia.