

Homework for Philosophy 270, Fall 2012

Homework on §1.2—assigned Mon 8/27 and due Wed 8/29

- (i) Give your own example of four non-equivalent sentences that make up a “square of opposition”—i.e., two mutually exclusive sentences each of which implies one of a pair of jointly exhaustive sentences and is contradictory to the other member of that pair. (*Hint*: it is enough to find a pair of mutually exclusive sentences that are not also jointly exhaustive; sentences that are contradictory to each of the two will then provide two more non-equivalent sentences for the diametrically opposite vertices of the square.)
- (ii) Pick one of the pairs of sentences from your square that are not equivalent but related by entailment and briefly describe a possible world in which they have different truth values (i.e., describe a possible world that shows they are not equivalent).