

Propositional Logic Discussion Questions

220530 Q3

"... superventions invalidate our natural mode of deductive thinking" (WILLIAMSON). Discuss.

210611 Q1

Suppose that we interpret the third truth value $\#$ as meaning both true and false. Under this interpretation, which, if either, of the truth tables for \rightarrow given by LP and LP* should we adopt, and why?

200528 Q1

'Every English sentence of the form "if ϕ , then ϕ " is true. So Lukasiewicz's truth tables represent an improvement over Kleene's.' Discuss.

180608 Q5

Briefly discuss whether PL under Lukasiewicz's three-valued semantics provides an appropriate logic for reasoning about the future.

170603 Q1

Does either \models_1 or $\models_{1\#}$ provide an appropriate notion of logical consequence for a vague language? Could any other notion of logical consequence based on the Kleene semantics do better?

160610 Q3

"Supervaluationist semantics violates classical reasoning." Briefly discuss.

150609 Q1

Philosophically assess the application of Kleene's three-valued semantics to vague language.