

Propositional Logic, Truth Tables, and Epicurus' Objection to "Dialectic"

Post by "Martin" of September 17, 2021 at 3:10 AM

A variable in the tutorial (or proposition as I denote it more specific in my additions) is a place holder for a sentence, whereby that sentence needs to be meaningful to the extent that it can be true or false.

Epicurus knew and even Aristotle was aware of that binary logic might be applicable in full only to timeless sentences and those which refer to past events but not to events in the future. If everybody gets a good enough understanding on Monday and there is time left, we can expand the discussion into the pitfalls of applying logic to future events and how quantum logic avoids those pitfalls. It will still take several months until I finish a book from which I hope to gain a deeper understanding and more confidence in applying quantum logic. I know enough to say something about it but a complete stand-alone presentation on quantum logic will have to wait until 2022.