

Possibility, triviality and invalidity

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Abstract

In this talk I show that taking $\diamond A$ as logically valid is not as damaging as it is usually thought; in particular, I show that its combination with **S5** principles does not necessarily lead to triviality. One of the easiest ways to have $\diamond A$ as logically valid is by having a trivial index in the relational semantics. Weber has recently put forward some reticence to include such a world on the basis that it would lead to the invalidity of all arguments. I will show that the invalidity of all arguments is something that a committed dialetheist, like Weber himself, has to live with anyway, regardless of the inclusion of a trivial world in the semantics.

Keywords: possibility, accessibility relation, trivial world, validity, invalidity

Mathematics Subject Classification 2010: 03A05

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