

Worlds Beyond Worlds: An Introduction to the Logic of Possibilities

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Abstract

We often imagine worlds other than our own, such as a world where unicorns exist. These worlds may be more or less similar to the actual world. When we do this, we may consider that some things may be possible in one world but not others, and some things *must* be true in every possible world. We will introduce a special branch of logic called *modal logic* to talk about these possible worlds.