

Translations between Translations

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Abstract

Mathematical evidence suggests that it is most natural to treat the collection of all theories (properly formalized) as forming a 2-category rather than just a 1-category. But this means that there are mathematical objects, viz. the 2-cells between translations, that philosophers of science have not been talking about. In this talk, I explain what 2-cells are (mathematically) and what significance they might have for foundational debates.