Frobenius algebras and long distance dependencies
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Vector space instantiations of Frobenius algebras over compact closed categories
have provide a compositional distributional semantics for relativisation in En-
glish by Sadrzadeh, Clark and Coecke and in Dutch by Moortgat and Wijnholds.
Their bialgebraic versions have served the same purpose for generalised quan-
tifier phrases (work of Hedges and Sadrzadeh). In this talk, we show how they
can also reason about a challenging case of long distance dependencies, namely,
parasitic gaps. This is joint work with Moortgat and Wijnholds.