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The L-move and Markov theorems for trivalent braids.

The L-move for classical braids, introduced by Sofia Lambropoulou, extends naturally to trivalent braids. We follow the L-move approach to the Markov Theorem, to prove a one-move Markov-type theorem for trivalent braids. We also reformulate this L-Move Markov theorem and prove a more algebraic Markov-type theorem for trivalent braids and knotted trivalent graphs. (Received September 15, 2020)