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Rob Schneiderman* (robert.schneiderman@lehman.cuny.edu), Dept. of Mathematics and Computer Science, Lehman College, 250 bedford park Blvd. West, Bronx, NY 10468. *Stable Concordance of Links in 3-manifolds.*

Two links in a 3-manifold M are *stably concordant* if they can be joined by a collection A of immersed annuli in the product $M \times I$ of M with an interval such that A is homotopic (rel boundary) to an embedding after taking connected sums of $M \times I$ with copies of $S^2 \times S^2$. The invariants that classify stable concordance take values in groups of decorated Y-trees which depend in a nice way on the topology of M . (Received August 19, 2008)