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7800 York Rd, Towson, MD 21252. *Generalized Indiscernibles and Dividing Lines.*

We discuss recent developments on the use of generalized indiscernibles to study positive local combinatorial dividing lines in model theory. The idea is to find a suitable generalization of the following result of S. Shelah: A theory is stable if and only if every indiscernible sequence is an indiscernible set. To do this, we develop a generalized notion of a “positive local combinatorial dividing line” and explore the connections between this and the collapse of generalized indiscernibles. If the index theory is unstable and the Fraisse limit of a simply Ramsey-expandable class, then the corresponding dividing line has a “collapse of generalized indiscernibles” characterization.

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