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New Techniques in the Cost of 2-Distinguishing Hypercubes

The *distinguishing number* of a graph is the smallest number of colors necessary to color the vertices so that no nontrivial automorphism preserves the color classes. If a graph can be distinguished with two colors, the *distinguishing cost* is the smallest possible size of the smaller color class. This talk will cover techniques in the distinguishing cost of certain graph products, mostly hypercubes.