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An overview of the matroid minors project

The graph minors project of Robertson and Seymour is a sequence of more than 20 papers that resolves some of the deepest and most surprising results in graph theory. In collaboration with Bert Gerards (The Netherlands) and Geoff Whittle (New Zealand), we hope to extend these results from graphs to matrices over a finite field. This talk provides an overview of the main conjectures as well as some of the potential applications. The talk is intended to be accessible to a general math audience.