# Minors of a random binary matroid

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Let $\mathbf{A} = \mathbf{A}_{n,m,k}$ be a random $n \times m$ matrix over $\mathbf{GF}_2$ where each column consists of $k$ randomly chosen ones. Let $M$ be an arbitrary fixed binary matroid. We show that if $m/n$ and $k$ are sufficiently large then as $n \to \infty$ the binary matroid induced by $\mathbf{A}$ contains $M$ as a minor.