ON THE CAYLEY GRAPH OF A GENERIC FINITELY PRESENTED GROUP.

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Abstract. We prove that in a certain statistical sense the Cayley graph of almost every finitely presented group with $m \geq 2$ generators contains a subdivision of the complete graph on $l \leq 2m+1$ vertices. In particular, this Cayley graph is non planar. We also show that some group constructions preserve the planarity.

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