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**Larsen E Louder\*** ([lars@math.utah.edu](mailto:lars@math.utah.edu)), Department of Mathematics, University of Utah, 155 S 1400 E Room 233, Salt Lake City, UT 84112-0090. *Krull Dimension of Limit groups*. Preliminary report.

We present work related to Sela's conjecture that there is an upper bound to the length of a sequence of proper epimorphisms of limit groups. Translated to the language of algebraic geometry, this says that there is a notion of Krull dimension for varieties defined over the free group. (Received August 11, 2006)