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Heather Armstrong and **Brad Forrest*** (btf4@cornell.edu), Cornell University, Department of Mathematics, Malott Hall, Ithaca, NY 14853, and **Karen Vogtmann**. *Degree Complexes in Auter Space*.

Auter space, a cousin of Marc Culler and Karen Vogtmann's Outer space, was introduced by Allen Hatcher and Vogtmann in 1998. In this introduction, Hatcher and Vogtmann defined subspaces of Auter space called the degree complexes, which act like skeleta for Auter space. In this talk, I will present applications of the degree complexes including a presentation for $Aut(F_n)$ and discuss minimality properties of these complexes. (Received January 21, 2008)