1046-06-942 **Adam J Clay*** (aclay@math.ubc.ca), Mathematics Department, University of British Columbia, Vancouver, BC V6T1Z2, Canada, and **Dale P O Rolfsen** (rolfsen@math.ubc.ca), Mathematics Department, University of British Columbia, Vancouver, BC V6T1Z2, Canada. *Limit points in the space of left orderings of a group.* Preliminary report.

If G is a group, $LO(G)$ denotes the set of all left-invariant strict total orderings of G, endowed with a natural topology defined by Sikora. The space $LO(G)$ is a compact, totally-disconnected Hausdorff space, which may or may not have isolated points (also known as finitely-determined orderings). For example, if G is free abelian of rank at least two, $LO(G)$ has no isolated points, whereas for the braid groups B_n there exist isolated orderings in $LO(B_n)$.

G acts on $LO(G)$ by conjugation, and we discuss the use of this action to determine which orderings are isolated, or possibly limit points of thier conjugates. (Received September 12, 2008)