1020-06-194   **Jeremy M White*** (`jmwhit02@louisville.edu`), University of Louisville, Department of Mathematics, Louisville, KY 40292. *When is it possible for a finite semimodular lattice to contain a median that is not bounded above by the join of input elements?* Preliminary report.

In a finite semimodular lattice, the join of a given set of elements, or profile, seems like a good candidate for the upper bound for the set of medians associated with that profile. Some results related to characterizing those finite semimodular lattices where the join of the profile elements holds as an upper bound for the set of medians for that profile will be presented. (Received August 28, 2006)