1116-00-2989   **Gabriel Conant*** (`gconant@nd.edu`), University of Notre Dame, Notre Dame, IN 46616.
Unstable theories without the strict order property

We consider several classes of unstable theories without the strict order property, each of which is motivated by important examples of homogeneous structures. Our main focus will be on theories equipped with an abstract notion of free amalgamation, which reflects the behavior of free amalgamation of relational structures. We give characterizations of simplicity for these theories, and present partial results and questions on the role of forking and thorn-forking in the non-simple case. (Received October 05, 2015)