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Steve Seif* (swseif01@louisville.edu). *Finite lattices that force transitivity of G-Set representations.*

A finite lattice L is said to be *G-Set transitivity forcing* if all representations of it by G-Set are transitive. How likely is that a finite lattice is G-Set transitivity forcing? This question will be discussed, along with some results. The structure of finite lattices that are representable by intransitive flat M-Sets (a class that includes G-Sets) will be described. (Received February 19, 2013)