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Invariable generation of Thompson groups.

A subset S of a group G invariably generates G if for every choice of $g(s) \in G$, $s \in S$ the set $\{s^{g(s)} : s \in S\}$ generates G . We say that a group G is invariably generated if such S exists, or equivalently if $S = G$ invariably generates G . In this paper, we study invariable generation of Thompson groups. We show that Thompson group F is invariable generated by a finite set, whereas Thompson groups T and V are not invariable generated. (Received July 18, 2017)