

## Reformed permutations in *Mousetrap* and its generalizations

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*Abstract.* We study the reformed permutations in the card game *Mousetrap*, in *Modular Mousetrap* and in a *solitaire* called *He Loves Me, He Loves Me Not* ( $(HLM)^2N$ ), which can be considered as a generalization of the classical games *Treize* and *Mousetrap*. Thanks to a new technique introduced in a previous paper, we attain new results, giving partial answers to some questions posed by Cayley and by Guy and Nowakowski in their papers.