

## Failed zero forcing on trees

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The zero forcing number of a tree has been known to be the path cover number of the tree for over a decade [1], but since failed zero forcing was introduced in 2015, there has been no analogous result about the failed zero forcing number of a tree. In this talk, we'll discuss failed zero forcing and related concepts with a focus on trees.

Keywords: zero forcing

- [1] AIM Minimum Rank-Special Graphs Work et al. Zero forcing sets and the minimum rank of graphs. *Linear Algebra and its Applications*, 428(7):1628–1648, 2008.