

Some references about cops-and-robbers games on graphs

References

- [1] G. Hahn, Cops, robbers and graphs, invited survey paper, *Tatra Mountains Mathematical Publications* **36** (2007), 1 – 14.
- [2] F. Fomin, D. Thilikos, An annotated bibliography on guaranteed graph searching, *Theoretical Comp. Sci.* **399**, 236 – 345.

These contain many of the related papers until their date of writing. There are many more papers since then, some probabilistic (Komarov and Winkler, Reed) some on complexity (Kinnersley), more about graph widths.

The infinite is mostly in

References

- [1] G. Hahn, F. Laviolette, N. Sauer, R. E. Woodrow, On cop-win graphs, *Discrete Math.* **258** (2002), 27 – 41.
- [2] A. Bonato, G. Hahn, C. Wang, Cop density of a graph, *Contributions to Discrete Mathematics* **2** (2007), 133 – 134.
- [3] A. Bonato, P. Golovach, G. Hahn, J. Kratochvíl, The capture time of a graph, *Discrete Mathematics* **309**, pp. 5588 – 5595.
- [4] A. Bonato, G. Hahn, C. Tardif, Large classes of infinite k -cop-win graphs, *Journal of Graph Theory* **65** (2010), 334 – 342.

And also the book: A. Bonato, R.J.Nowakowski, *The game of cops and robbers on graphs*, AMS 2012, ISBN-13: 978-0-8218-5347-4