Power domination of graphs

Paul Dorbec¹, Mickael Montassier², and André Raspaud¹

¹ LaBRI-CNRS, University of Bordeaux, France ² IUT, University of Bordeaux, France

EXTENDED ABSTRACT

Instructions to authors. Authors have just to complete this LATEX file. First enter title, names of authors including the speaker, and affiliations in titleArea environment. You can use different macros:

- \author{firstname}{lastname}{referenceToAffiliation}
- \authorWithoutReferenceToAffiliation{firstname}{lastname}
- \speaker{firstname}{lastname}{referenceToAffiliation}
- \speakerWithoutReferenceToAffiliation{firstname}{lastname}
- \affiliation{labelOfTheAffiliation}{name of the affiliation, address, country}
- \affiliationWithoutReferenceToAuthor{name of the affiliation, address, country}

See the different example files. Then add your extended abstract in the extendedAbstract environment. The bibliography has to be written in this file in the thebibliography environment. You can use as usual environments theorem, proposition, lemma, property, corollary, conjecture, example, problem. For examples:

Theorem 1 (Authors 'Year [6]) Statement.

Conjecture 2 Statement.

If you want to insert figures, then insert figures as follows (see Figure 1):

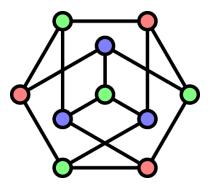


Figure 1: Petersen

Finally, the extended abstract must be submitted in .pdf format to:

https://www.easychair.org/conferences/?conf=bgw2016

References

- [1] A. Aazami. Domination in graphs with bounded propagation: algorithms, formulations and hardness results. To appear in **J. Combin. Optim.**.
- [2] A. Aazami, M. D. Stilp Approximation algorithms and hardness for domination with propagation. SIAM J. Discrete Math. 23:1382–1399, 2009.
- [3] T. L. Baldwin, L. Mili, M. B. Boisen Jr, R. Adapa. Power system observability with minimal phasor measurement placement. IEEE Trans. Power Systems 8:707–715, 1993.
- [4] G. J. Chang. Algorithmic aspects of domination in graphs. Handbook of Combinatorial Optimization (D.-Z. Du and P. M. Pardalos eds.), 3:339–405, 1998.
- [5] P. Dorbec, M. Mollard, S. Klavžar, S. Špacapan. Power domination in product graphs. SIAM J. Discrete Math., 22:554–56, 2008.
- [6] M. R. Garey, D. S. Johnson. Computers and intractability: a guide to the theory of NP-completeness. Freeman, New York, (1979).