The impact of locality on Wimer style algorithms
Alan C. Jamieson*, Lindsay H. Jamieson, St. Mary’s College of Maryland

Introduced by T. V. Wimer, Wimer style algorithms are dynamic programming algorithms that provide linear time solutions for vertex subset parameters by classifying subgraphs of $k$-terminal graphs. Taking a cue from Mahajan and Peters, we look at the impact that the locality of a particular parameter has on the classifications for subgraphs in reference to Wimer style algorithms. Specifically, we attempt to quantify the number of classifications needed for particular localities and parameters.

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