

## ON GENERALIZED SIERPIŃSKI GRAPHS

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### Abstract

In this paper we obtain closed formulae for several parameters of generalized Sierpiński graphs  $S(G, t)$  in terms of parameters of the base graph  $G$ . In particular, we focus on the chromatic, vertex cover, clique and domination numbers.

**Keywords:** Sierpiński graphs, vertex cover number, independence number, chromatic number, domination number.

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