

عنوان مقاله:

Exploring the watching system of polyhedral graphs

محل انتشار:

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خلاصه مقاله:

Watching system in a graph G is a finite set $W = \{w_1, w_2, \dots, w_k\}$ where each w_i is a couple $w_i = (v_i, Z_i)$, where v_i is a vertex and $Z_i \subseteq NG[v_i]$ such that $\{Z_1, \dots, Z_k\}$ is an identifying system. The concept of watching system was first introduced by Auger in [۱]. and this system provide an extension of identifying code in the sense that an identifying code is a particular watching system. In this paper, we determine the watching system of specific graphs

کلمات کلیدی:

Watching systems, generalized Petersen graph, identifying codes

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