Dominacijski skupovi za romboidalne kaktus lance

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Dominating sets on the rhomboidal cactus chains and the icosahedral network

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Abstract: In this paper, we deal with the dominating set and the domination number of rhomboidal cactus chains. We determine minimum dominating sets and domination numbers of two special types of rhomboidal cactus chains, meta and ortho-chains. Thereafter, we determined the minimum dominating set for the icosahedral hexagonal network.

Keywords: dominating set; rhomboidal cactus chains; icosahedral hexagonal network.