

On z -monodromies in embedded graphs

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Abstract

We characterize all permutations which occur as the z -monodromies of faces in connected simple finite graphs embedded in surfaces whose duals are also simple.

Keywords: Central circuit, chess coloring, embedded graph, zigzag, z -monodromy.

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O z -monodromijah vloženih grafov

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Povzetek

Karakteriziramo vse permutacije, izvirajoče iz z -monodromij lic v povezanih enostavnih končnih grafih, vloženih na ploskve, katerih duali so prav tako enostavni.

Ključne besede: Središčni obhod, šahovsko barvanje, vloženi graf, cikcak, z -monodromija.

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