

Maps and Δ -matroids revisited

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Abstract

Using Tutte's combinatorial definition of a map we define a Δ -matroid purely combinatorially and show that it is identical to Bouchet's topological definition.

Keywords: Matroid, Δ -matroid, cellular map, topological surface.

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Ponovno obdelani zemljevidi in Δ -matroidi

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Povzetek

S pomočjo Tutteove kombinatorične definicije zemljevida definiramo Δ -matroid čisto kombinatorično in pokažemo, da je ta definicija identična Bouchetovi topološki definiciji.

Ključne besede: Matroid, Δ -matroid, celični zemljevid, topološka ploskev.

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