



# Edge-transitive embeddings of complete graphs

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## Abstract

Building on earlier work of Biggs, James, Wilson and the author and on the Graver–Watkins description of the 14 classes of edge-transitive maps, we complete the classification of the edge-transitive embeddings of complete graphs by classifying their non-regular embeddings in non-orientable surfaces and their embeddings with non-empty boundary.

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*Keywords: Edge-transitive map, complete graph, Biggs map, James map.*

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# Povezavno tranzitivne vložitve polnih grafov

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## Povzetek

Na podlagi prejšnjih del Biggsa, Jamesa, Wilsona in avtorja ter opisa Graver-Watkinsovih 14 razredov povezavno tranzitivnih zemljevidov, zaključimo klasifikacijo povezavno tranzitivnih vložitev polnih grafov na ta način, da klasificiramo njihove neregularne vložitve v neorientabilne ploskve ter njihove vložitve z nepraznim robom.

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*Ključne besede: Povezavno tranzitiven zemljevid, polni graf, Biggsov zemljevid, Jamesov zemljevid.*

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