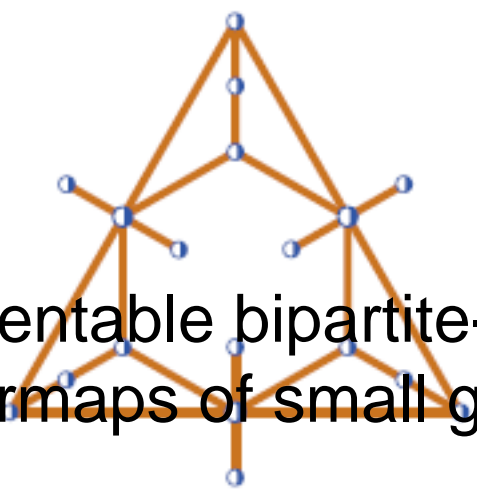


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Non-orientable bipartite-regular hypermaps of small genus

Content :

A hypermap is bipartite if we can divide its set of flags in two parts in such a way that each part is a union of hypervertices, and consecutive hypervertices around a hyperedge or a hyperface are contained in alternate parts. A bipartite hypermap is bipartite-regular if its automorphism group acts transitively on each set of flags. In this talk we classify the bipartite-regular hypermaps on non-orientable surfaces of small genus.

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