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On covering groups. (English. Russian original) Zbl 1443.22007

Summary: We study finite-sheeted covering mappings from compact connected spaces onto compact connected groups. For such a covering mapping we consider a method of supplying its covering space by a group structure. The covering space endowed with that group structure is a topological group, and a given covering mapping turns into a homomorphism of compact connected groups.

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22C05 Compact groups
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57M10 Covering spaces and low-dimensional topology

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compact connected group; covering group; covering space; continuous homomorphism; finite-sheeted covering mapping; topological space

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