

# Do manifolds have little symmetry?

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Certain aspects of the following problem stated by F. Raymond and R. Schultz are discussed. “It is generally felt that a manifold ‘chosen at random’ will have very little symmetry. Can this intuitive notion be made more precise? In connection with this intuitive feeling, we have the following specific question. Does there exist a closed simply connected manifold, on which no finite group acts effectively? (a weaker question, no involution?)”