

Spin structures on almost-flat manifolds

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The talk is based on the joint work with Anna Gsior and Andrzej Szczepański.

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I will discuss a necessary and sufficient condition for almost-flat manifolds with cyclic holonomy to admit a Spin structure. This condition is quite practical to check given a finite presentation of the fundamental group of the almost-flat manifold. In particular, I will discuss how it applies in dimensional 4.