FINITE COVERS OF 3-MANIFOLDS WHICH ADMIT NO ORIENTATION-REVERSING HOMEOMORPHISM

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Time: Fri, Mar. 20th, 16:30 - 17:30
Venue: Room 102, SCMS
Abstract:

We proved that if a closed orientable prime 3-manifold M is neither covered by the 3-sphere nor covered by a product manifold, then M has a finite cover that admit no orientation-reversing homeomorphism. The proof uses geometric group theory after Agol-Wise's virtual specialization.

This is a joint work with Prof. Hongbin Sun.