

*Heegaard gradient and virtual fibers*, math.GT/0411219.

We show that if a closed hyperbolic 3-manifold has a sequence of covers of bounded Heegaard genus, then it is virtually fibered. This generalizes a theorem of Lackenby, removing restrictions needed about the regularity of the covers. Furthermore, we can replace the assumption that the covers have bounded Heegaard genus with the weaker hypotheses that the Heegaard splittings for the covers have Heegaard gradient zero, and also bounded width, in the sense of Scharlemann-Thompson thin position for Heegaard splittings.

*Period three actions on lens spaces*, math.GT/0311009.

We show that a free period three action on a lens space is standard, i.e. it is conjugate by a homeomorphism to a linear action.

*Period three actions on the three-sphere are standard*, Geometry and Topology, Vol. 7 (2003), 329-397 (with J. H. Rubinstein).

We show that a free period three action on the three-sphere is standard, i.e. it is conjugate by a homeomorphism to a linear action.

*Virtually embedded boundary slopes*, Topology and its Applications, (95) 1 (1999) pp 63-74.

We show that for certain hyperbolic manifolds all boundary slopes are slopes of  $\pi_1$ -injective immersed surfaces, covered by incompressible embeddings in some finite cover. The manifolds include hyperbolic punctured torus bundles and hyperbolic two-bridge knots.