

1106-57-1807

Darren M Garbuz* (dgarbuz@slu.edu). *Decomposing Dehn Twists in Terms of Lickorish Generators.*

Let M be a closed orientable 3-manifold with Heegaard splitting $M = V_1 \cup_f V_2$. Suppose that we are given a diagram of the Heegaard splitting that shows us where the meridian curves of ∂V_1 are mapped to by f . We discuss the problem of finding a formula for f in the case that $M = S^1 \times S^1 \times S^1$. (Received September 15, 2014)