

HYPERBOLICITY OF AUGMENTED LINKS IN THE THICKENED TORUS

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ABSTRACT. For a hyperbolic link K in the thickened torus, we show there is a decomposition of the complement of a link L , obtained from augmenting K , into torihedra. We further decompose the torihedra into angled pyramids and finally angled tetrahedra. These fit into an angled structure on a triangulation of the link complement, and thus by [?], this shows that L is hyperbolic.

