

Meeting: 1007, Santa Barbara, California, SS 6A, Special Session on Geometric Methods in Three Dimensions

1007-57-131 **Genevieve S. Walsh*** (gwalsh@math.utexas.edu), University of Texas at Austin, Department of Mathematics C1200, 1 University Station, Austin, TX 78712-0257. *Incompressible Surfaces and Spunnormal Form.*

Suppose M is a hyperbolic 3-manifold with torus boundary components and \mathcal{T} is an ideal triangulation of M with essential edges. We show that any incompressible surface S in M that is not a virtual fiber can be isotoped into spunnormal form in \mathcal{T} . The proof is based directly on ideas of W. Thurston. (Received February 15, 2005)