Laura Starkston* (lstarkston@math.utexas.edu). Symplectic fillings.

The classification problem for symplectic manifolds with a given contact boundary has been solved in a number of cases for relatively simple three manifolds. The proofs rely at their core on pseudoholomorphic curve arguments, but the detailed classification problems can be interpreted in different topological ways. I will discuss methods to approach the symplectic filling classification problem and relationships between these methods. (Received December 04, 2014)