Gordana Matic* (gordana@math.uga.edu), Department of Mathematics, University of Georgia, Athens, GA 30605. Heegaard-Floer type invariants of contact structures.

I will give an introduction to invariants of contact structures in Heegaard Floer and Sutured Floer homology, and talk about their applications to questions of tightness and fillability. (Received August 27, 2012)