1139-57-662 Abigail Thompson* (thompson@math.ucdavis.edu), Mathematics, UC Davis, Davis, CA 95616, and Robion Kirby (kirby@math.ucdavis.edu), Mathematics, UC Berkeley, Berkeley, CA 94720. On the monodromy of a trisected 4-manifold part 1. Preliminary report.

We examine how to obtain information about a 4-manifold by considering the induced monodromy on the associated 3-dimensional handlebodies. This is joint work with Rob Kirby. (Received February 20, 2018)