1145-18-2409 Alexei Davydov* (davydov@ohio.edu), Department of Mathematics, Ohio University, Athens, OH 45701. Braided module categories. Preliminary report.

The notion of a braided module category over a braided monoidal category comes naturally from the study of extensions of braided categories. The 2-category of braided module categories comes equipped with interesting structures. This is a report on the joint work with D. Nikshych. (Received September 25, 2018)