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Victor Ostrik* (vostrik@uoregon.edu), Department of Mathematics, University of Oregon,
Eugene, OR 97403. *Examples of symmetric tensor categories.*

I will report on joint work with D.Benson and P.Etingof. We construct new examples of non-semisimple abelian tensor categories over fields of positive characteristic and describe their properties. The construction is based on the theory of tilting modules for the group $SL(2)$. (Received February 12, 2020)