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The Turaev torsion is a way of assembling the most interesting Reidemeister torsions into a single invariant. One can obtain a “leading order” term of the Turaev torsion from certain determinants in cohomology, first shown by Turaev for closed 3-manifolds, and extended to 3-manifolds with boundary by the author. I’ll go over the definitions of Turaev torsion and cohomology determinants, and tell how they are related. (Received September 26, 2006)