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Charles Frohman* (frohman@math.uiowa.edu), Department of Mathematics, The University of Iowa, Iowa City, IA 52242. *From Topological Quantum Field Theory to Geometry*. Preliminary report.

In this survey we will discuss the appearance of TQFT methods in low dimensional topology and look towards their use in computing geometric invariants of manifolds and their mappings. (Received August 14, 2006)