

A Celebration of Raoul Bott's Legacy in Mathematics
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Topological Landau-Ginzburg models revisited

Constantin Teleman
School of Mathematics
The University of Edinburgh
Maxwell Building, Mayfield Road
Edinburgh, Scotland EH9 3JZ
UNITED KINGDOM

`c.teleman@ed.ac.uk`

Abstract

I will propose a geometric interpretation of the B-model topological conformal field theory associated to a potential with isolated singularity. This interpretation involves twisted string topology, as well as a version of topological Yang-Mills theory for a torus (without the symplectic form). All these terms will be explained in the talk.