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Derived symplectic geometry and TFTs

jeudi 23 octobre 2014 14:20 (50 minutes)

We give an informal introduction to the new field of derived symplectic geometry (after Pantev-Toën-Vaquié-Vezzosi), and present some applications to topological field theories. We in particular explain that derived symplectic geometry provides a suitable framework for the so-called AKSZ construction (after Alexandrov-Kontsevich-Schwartz-Zaboronski).

Mots Clés / Keywords

n-symplectic structure, Lagrangian structure, derived stacks

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