

Short Research Talks

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Title: On product structures on the Floer homology of Lagrangian cobordisms

Abstract: In this talk I will show how it is possible to construct a product on the Floer complex of a Lagrangian cobordism between Legendrian submanifolds. This product recovers the cup product on the relative singular cohomology in case of a Lagrangian filling. Moreover, this product extends to a family of maps satisfying the A-infinity equations.