

# *Tropical curves and Gromov-Witten invariants*

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## **Abstract:**

Under a certain type of adiabatic limit, the image of holomorphic curves converge to one dimensional piecewise linear graphs called tropical curves. I will explain how Gromov-Witten invariants may be computed as a sum of contributions from each tropical curve, and why this should be regarded as a generalization of a gluing formula for Gromov-Witten invariants.