

INTRODUCTION TO LAGRANGIAN FLOER THEORY IN TORIC MANIFOLDS. I, II.

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Abstract:

Lecture 1: We recall the definition and basic properties of Lagrangian Floer homology. We explain the construction by Fukaya, Oh, Ohta and Ono of the A-infinity algebra of Lagrangian submanifolds, and its deformation, obstruction theory.

Lecture 2: For toric manifolds, we explain the computation of Floer homology of the torus fibers, and its recent developments.