

Hilbert, Norman**Lagrange cylinders and minimal annuli. (Lagrange Zylinder und minimale Annuli.)** (German)[Zbl 1285.53068](#)[Bonner Mathematische Schriften](#) 398. Bonn: Univ. Bonn, Mathematisches Institut; Bonn: Univ. Bonn, Mathematisch-Naturwissenschaftliche Fakultät (Diss.). 72 p. (2010).

The author studies the question when two Lagrangian submanifolds in a symplectic manifold are isotopic. To make the problem more accessible, he assumes that the symplectic manifold is a cotangent bundle and that the Lagrangian submanifolds are Lagrange cylinders. To construct the isotopy he uses minimal surfaces, as they are easier to work with than pseudoholomorphic curves.

Reviewer: [Karl Heinz Dovermann \(Honolulu\)](#)**MSC:**[53D12](#) Lagrangian submanifolds; Maslov index[57R52](#) Isotopy in differential topology**Keywords:**[Lagrange submanifolds; isotopy](#)**Full Text:** [Link](#)