Symplectic homology

and

shape of cotangent bundles

Tobias Henriksen

(Groningen)

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We define the shape invariant on exact symplectic manifolds. The main goal is to find a restriction on the shape invariant, which will be done using the Viterbo transfer map on symplectic homology. Symplectic homology is defined for Liouville domains, and the Viterbo transfer map is classically defined for an exact embedding of one Liouville domain into another. We extend the Viterbo transfer map to Liouville embeddings where the Liouville forms differ by a global closed form.