

WS 2016/17

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Symplectic Geometry

(Bonus) Homework 10

Bonus Exercise. (40 bonus points)

Prove that for any symplectic vector space (V, Ω) the set of Ω -compatible complex structures on V is contractible, by solving Homework 9 (on page 77) in *Lectures on Symplectic Geometry* by A. Cannas da Silva.

Hand in: Thursday January 12th
in the exercise session
in Übungsraum 1, MI