

Symplectic Geometry – Homework 10

Due on June 29th 2015, in class

Exercise 1.

Show that a finite dimensional vector space V admits a complex structure if and only if V is even dimensional.

Exercise 2.

Make exercise 3 of homework 8 on page 73 of “Lectures on Symplectic Geometry” by Ana Cannas da Silva

Exercise 3.

Make homework 9 on page 77 of of “Lectures on Symplectic Geometry” by Ana Cannas da Silva