

## DIFFERENTIABLE MANIFOLDS HOMEWORK 6

DUE APRIL 11, 2013 IN CLASS

Do the following problems from [1]

- (1) 12-4 on page 325.
- (2) 12-7 on page 325.
- (3) 14-1 on page 373.
- (4) 14-4 on page 374.
- (5) 14-6 on page 375.
- (6) 14-7 on page 375.

### REFERENCES

- [1] Lee, John M. *Introduction to Smooth Manifolds*, Second edition, Graduate Texts in Mathematics, 218, Springer-Verlag, New York, 2012.