

DIFFERENTIABLE MANIFOLDS HOMEWORK 4

DUE MAR. 25, 2013 IN CLASS

Do the following problems from [1]

- (1) 10-5 on page 269.
- (2) 10-15 on page 270.
- (3) 10-16 on page 271.
- (4) 11-4 on page 299.
- (5) 11-9 on page 301.
- (6) 11-10 on page 301.
- (7) 11-15 on page 302.
- (8) 12-1 on page 324.
- (9) 12-6 on page 325.
- (10) 12-8 on page 326.

REFERENCES

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