MAT 566: Differential Topology
Fall 2006

Problem Set 2
Due on Tuesday, 10/10, by 5pm in Math 3-117

Do 7-C plus any one of the following problems: 5-B, 5-E, 6-B, 7-A, 7-B.

Remark: Problem 7-C is an example of the Splitting Principle: if a natural formula involving characteristic classes holds for split vector bundles (i.e. direct sums of line bundles), then it holds for all vector bundles.