Math 109C Set 7

due May 25

Do the following problems from Guillemin and Pollack:

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§3.2 12, §3.3 2, 4, \text{ (see page 110)} 10, 13, \text{ (one approach: for complementary dimensional compact closed submanifolds } X_i, Z_i \subseteq Y_i, show that I(X_0 \times X_1, Z_0 \times Z_1) = (-1)^{\dim X_1 \cdot \dim Z_0} I(X_0, Z_0) \cdot I(X_1, Z_1)) §3.4 4, 8. \text{ (give a different argument from problem 13 of §3.3)}
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