

**MTH 675 – ASSIGNMENT 5 – LAST ASSIGNMENT !!**

Due: 12/01/2008

1. Problem 4 from Assignment 4.
2. Show that real projective space  $\mathbb{R}P^n$  has a metric of constant positive sectional curvature.
3. DoCarmo, p. 103–109: 1, 10.
4. DoCarmo, p. 152–154: 2, 12.