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**Math 598K, Fall 2008**

HOMework 4

PROBLEMS

PROBLEM 1: Prove the statements of 4.Remark a) DM p 143 in detail.

PROBLEM 2: Give the details for the remarks a-c) DM p 143 following 5.Definition.

PROBLEM 3: Show that a roof  $(s, id)$  is the inverse of  $(id, s)$ .