

EE/CprE/ComS 571X
Discrete Event Systems Control

Homework # 8

Due:

Problem 1 Consider languages $L = pr(a^*ba^*)$ and $K = pr(a^*b)$, give two mask assignment functions to show that K is observable and unobservable with respect to L , respectively.

Problem 2 Show that observability is not preserved under intersection by example.