Lecture 5: REGISTER MACHINES

1 Review

We complete the proof that nondeterministic $s(n)$-space class is closed under complement.

We will also introduce another model of computation, register machines. This model includes the RAM model and Vector Machines.

2 Completion of Proof

Last time, we show how to compute the predicate $Check(C, h, m, \alpha_h(m))$ nondeterministically.

We now show how to compute $\alpha_h(m)$.

3 Register Machines and Vector Machines

See supplementary notes, found in this the homework directory: hw/register.ps