

**Prob.2.10.** Show that a colored Petri net with infinite colors can simulate the instruction  $J(n)[s]$ .

**Prob.2.11.** Using an example, show that an inhibitor arc from a bounded place  $p$  to a transition  $t$  can be replaced by a complementary place  $p'$  with additional arcs between  $t$  and  $p'$ .