Tik-79.144 **Syksy 1999**
Logic in Computer Science: Foundations
Exercise 4
6. ja 8.10.1999

1. Find the disjunctive and conjunctive normal forms for proposition $\neg((A \leftrightarrow \neg B) \rightarrow C)$

   a) using transformation procedure

   b) using semantic tableaux.

2. Prove: If the set of clauses $S = \{C_1, C_2\}$ is satisfiable and C is resolvent of C_1 and C_2, then C is satisfiable.