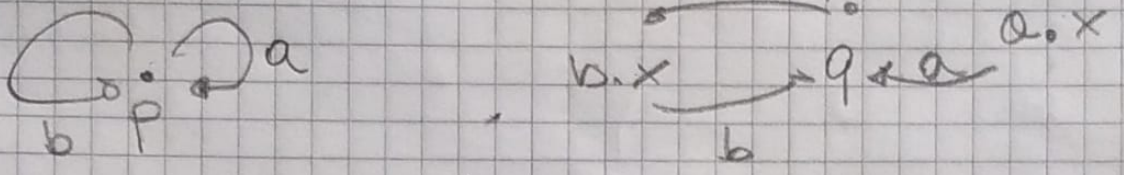
Es 5

$P \stackrel{def}{=} (rec\ X.\ a.X) \mid rec\ X.\ b.X$

$q \stackrel{def}{=} rec\ X.\ a.a.X + a.b.X + b.a.X + b.b.X$



Non sono bisimili

Ci sono tante formule che li distinguono

$F_0 \equiv \Box_a \Diamond_b tt$ $\quad \neg F_0 = \Diamond_a \Box_b ff$

$F_1 \equiv \Box_a \Diamond_a tt$ $\quad \neg F_1 = \Diamond_a \Box_a ff$

$F_2 \equiv \Box_b \Diamond_b tt$ $\quad \neg F_2 = \Box_b \Box_b ff$

$F_3 \equiv \Box_b \Diamond_a tt$ $\quad \neg F_3 = \Diamond_b \Box_a ff$

$P \models F_0, F_1, F_2, F_3$ $\quad q \not\models F_0, F_1, F_2, F_3$

$P \not\models \neg F_0, \neg F_1, \neg F_2, \neg F_3$ $\quad q \models \neg F_0, \neg F_1, \neg F_2, \neg F_3$