1993 Paper 9 Question 12

Concurrency

Define the notion of *observation equivalence* ($\approx$) for CCS agents. [5 marks]

Find definitions of CCS agents A, B, C and D with the following transition graphs.

[5 marks]

For each pair (P, Q) of these four agents A, B, C, D, determine whether or not P is observation equivalent to Q. (You may use the fact that $\approx$ is an equivalence relation.) [10 marks]