Sapienza Università di Roma
Facoltà di Ingegneria – Corso di Laurea Magistrale in Ingegneria Informatica
Service integration
Elective in Software and Services
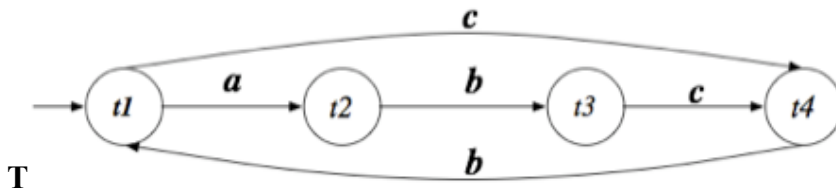*(Complementi di software e servizi per la società dell'informazione)*
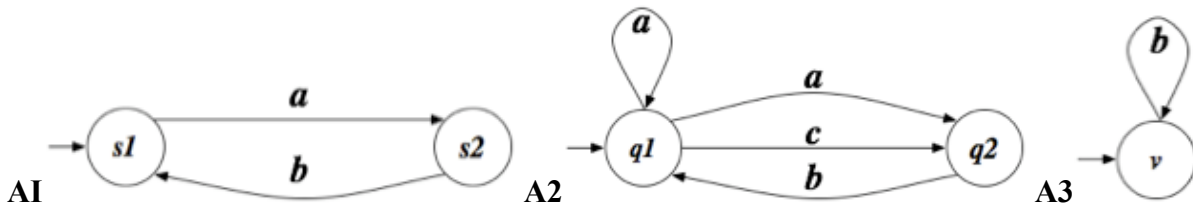2008/09
Exam Example
Time to complete the assignment: 2 hours

Part 1 (Composition Synthesis)

Given the following target **T** service and available services **A1**, **A2**, **A3**, check whether a composition exists. If it does exist produce the output relation of orchestrator generator. If not, single out the target state that cannot be simulated (ND-simulated), and propose a change to the available services so as to guarantee the composition.

T

Available services

AI   **A2**   **A3**

Part 2 (Theoretical Question)

Illustrate what safety games are, and how they can be used to solve service.