

**Exercise A.1.** For each of the following activities give a Performance/Environment/Actuators/Sensors (PEAS) description of the task environment:

- (1) Moon exploration vehicle
- (2) Garbage selection robot
- (3) Automotive cruise-control
- (4) Pool cleaning robot
- (5) Software to google search

**Exercise A.2.** Characterise each of the activities in Exercise (A.1) in terms of the properties 'Fully-/Partially-observable', 'Single-/Multi-agent', 'Deterministic/Stochastic', 'Episodic/Sequential', 'Static/Discrete', 'Continuous/Discrete' and 'Known/Unknown'.