



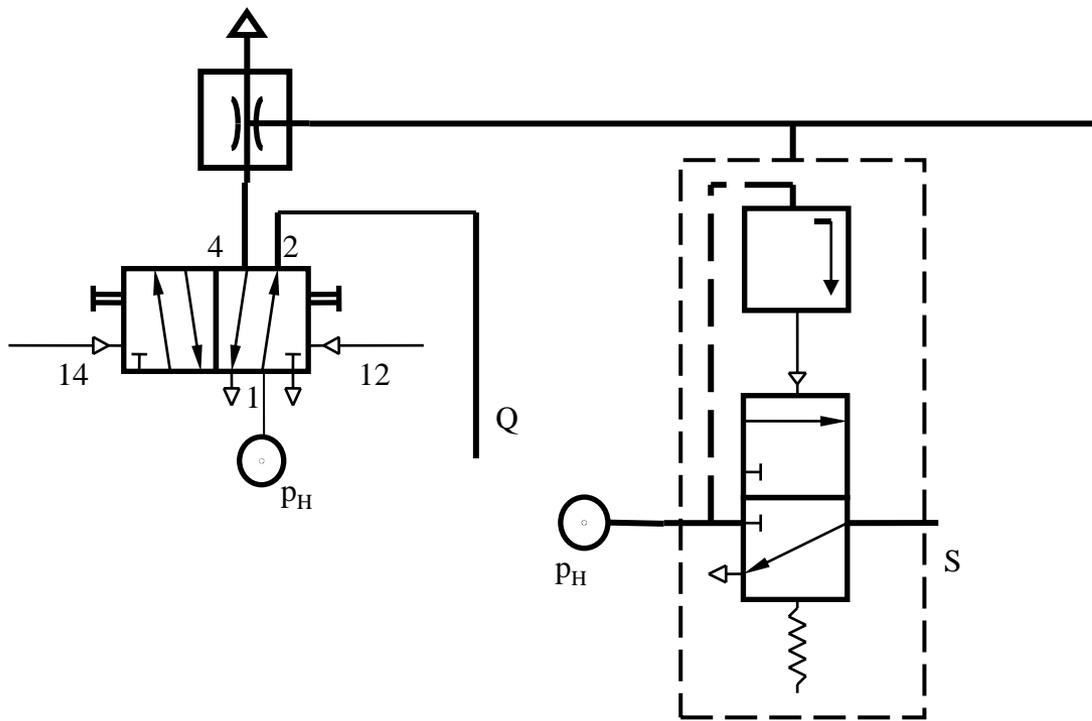
AGH University of Science and Technology

Industrial Robots

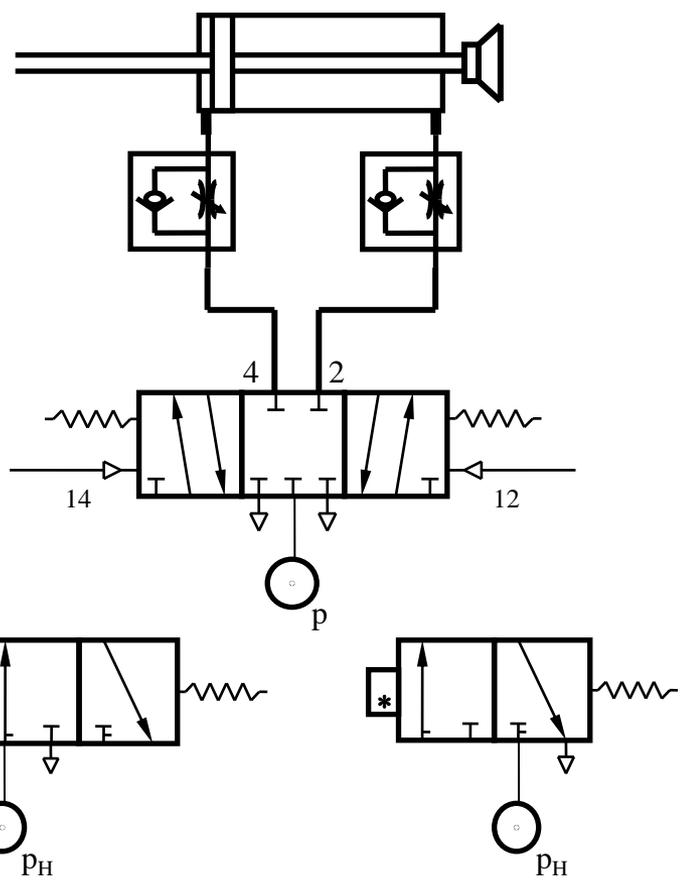


Laboratory no. 1
ON-OFF POSITIONED
DRIVING SYSTEMS OF MANIPULATORS

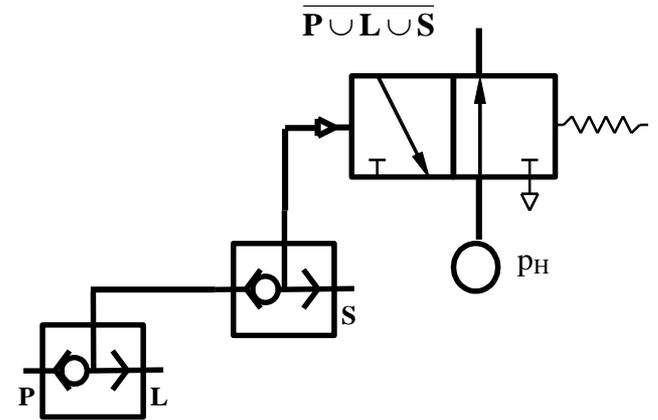
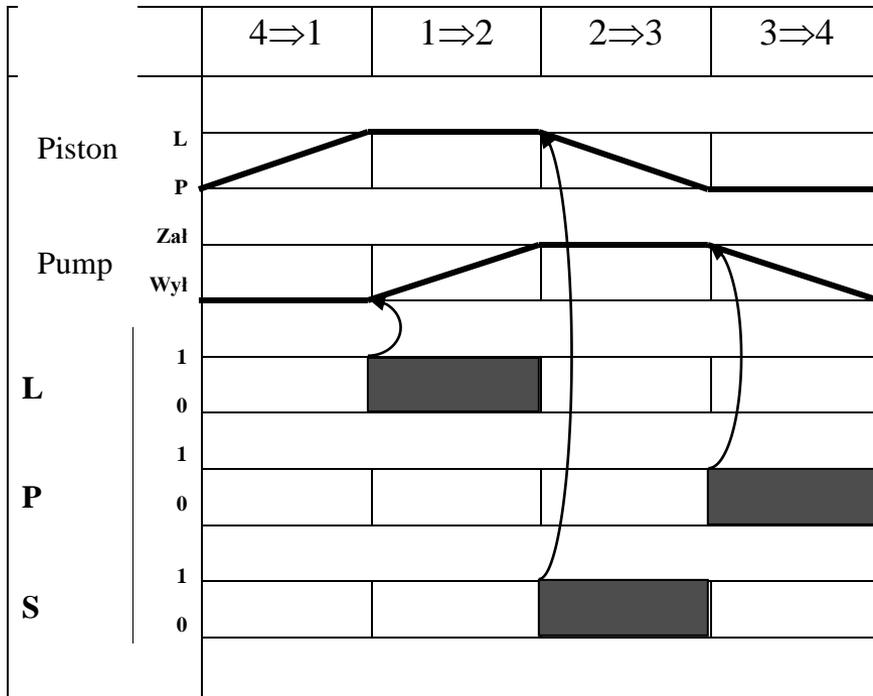
On-off positioned pneumatic manipulators – the use of cyclogram – basic (combinatory control) systems



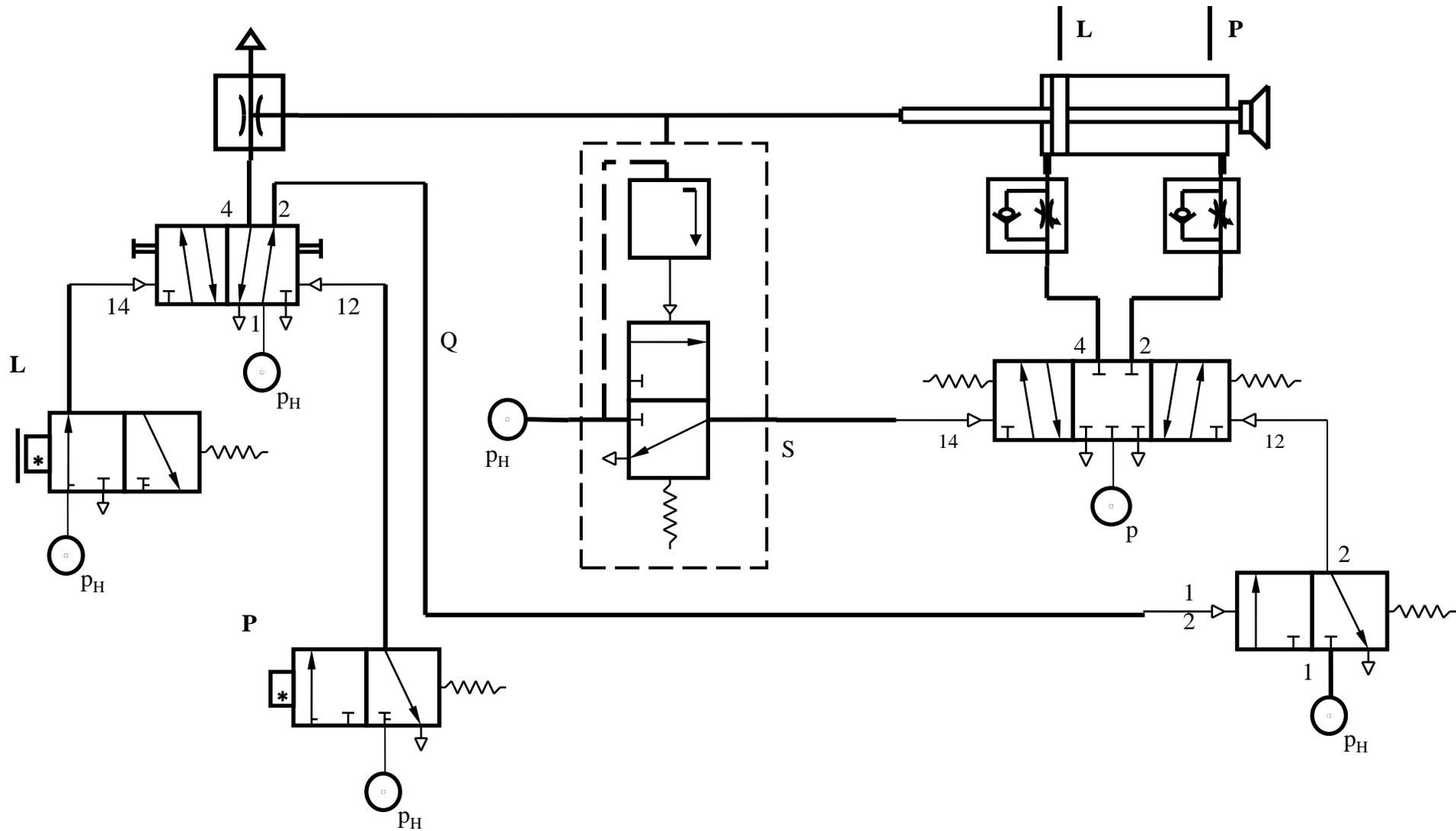
Linear motion module with a vacuum gripper



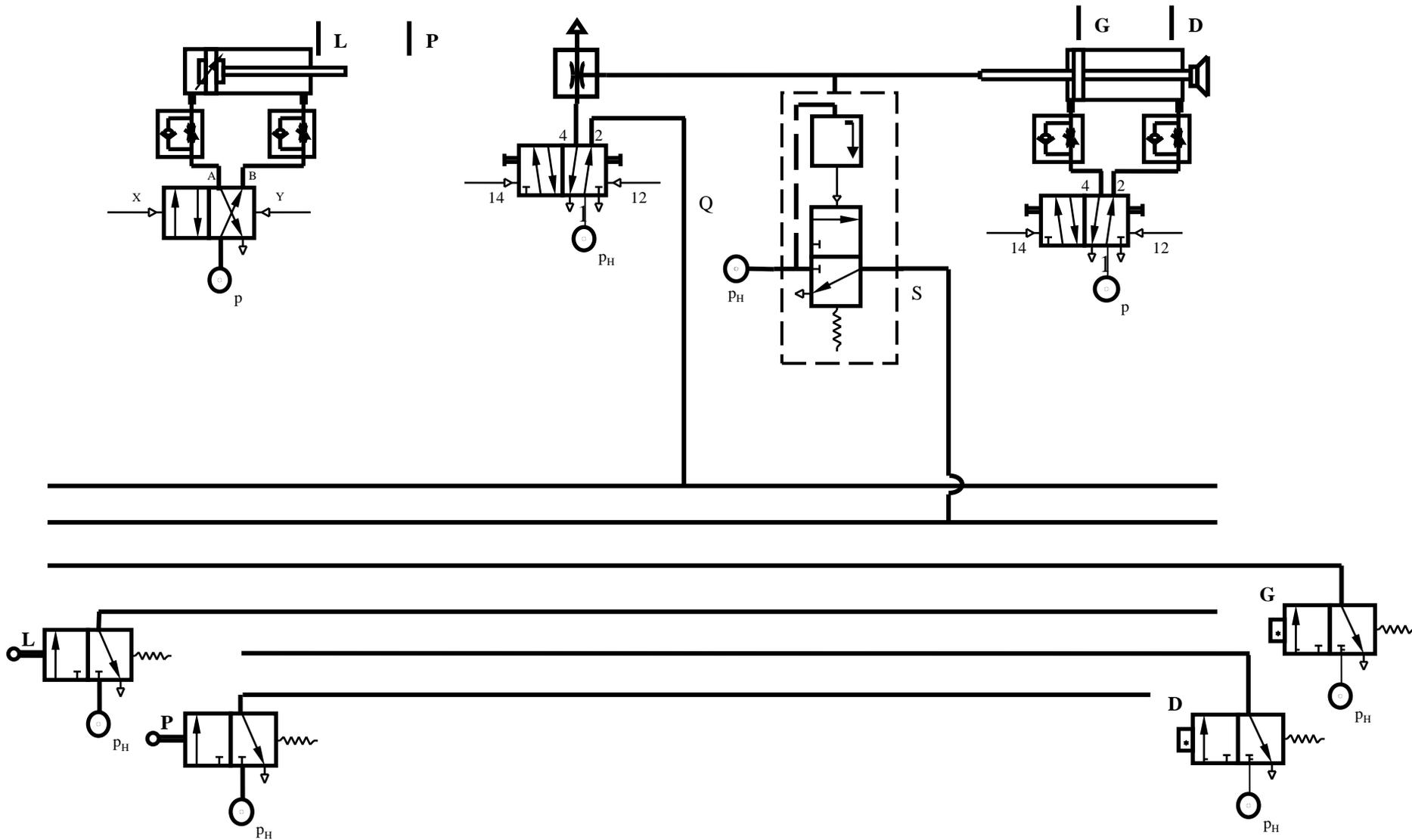
A cyclogram



A diagram of a linear motion unit with suction cup



A task to be completed during classes:



Automation Studio – Vacuum pump and suction cup (Actuators / Vacuum Cylinders).

