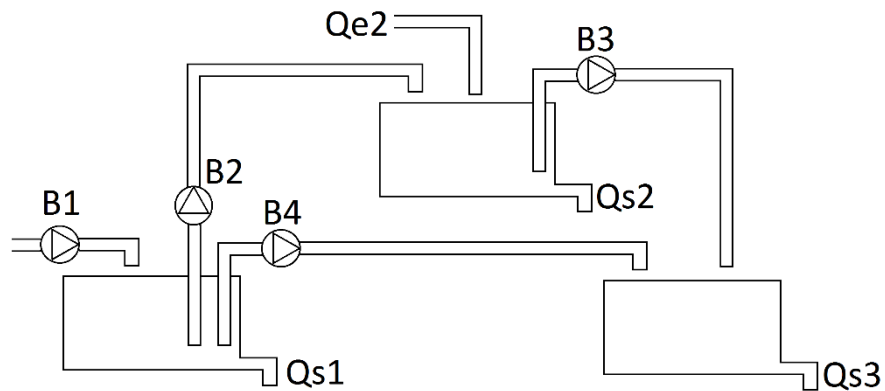


Example for First Stage LP test

Deposit system:



System matrix:

Dynamic matrix. Matrix $n \times n$.

$$A = \begin{bmatrix} 0 & 0 & 0 \\ 0 & 0 & 0 \\ 0 & 0 & 0 \end{bmatrix}$$

Control Matrix. Matrix $n \times M$.

$$B = \begin{bmatrix} B1 & -B2 & 0 & -B4 \\ 0 & B2 & -B3 & 0 \\ 0 & 0 & B3 & B4 \end{bmatrix}$$

Disturbance matrix,

$$B_W = [-Q_{s1} \quad Q_{e2} - Q_{s2} \quad -Q_{s3}]$$