Modelling and optimization of a 2-stage compressor train

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Process flowsheet
Figure: Responses for some CV-candidates to a setpoint change in L1
Planned work

- Further investigations of the optimal process conditions (minimizing the energy consumption of the compressors)
- Select the correct pairings based on RGA-analysis.
- Find the optimal controller settings
- Simulate the system and test disturbance rejection, stability etc.