

Assignment

1. Choose multivariable process. Draw input output block scheme, and add any known disturbances.
2. Is it linear, non linear or piecewise linear? Static characteristic: Linear, non linear or piecewise? Dynamic : time constant changes? Response changes? Are there hard non linear elements?(hysteresis, deadzones etc...)
3. Check if performance or robustness is more relevant for the process and motivate the choice of the control structure /algorithm.