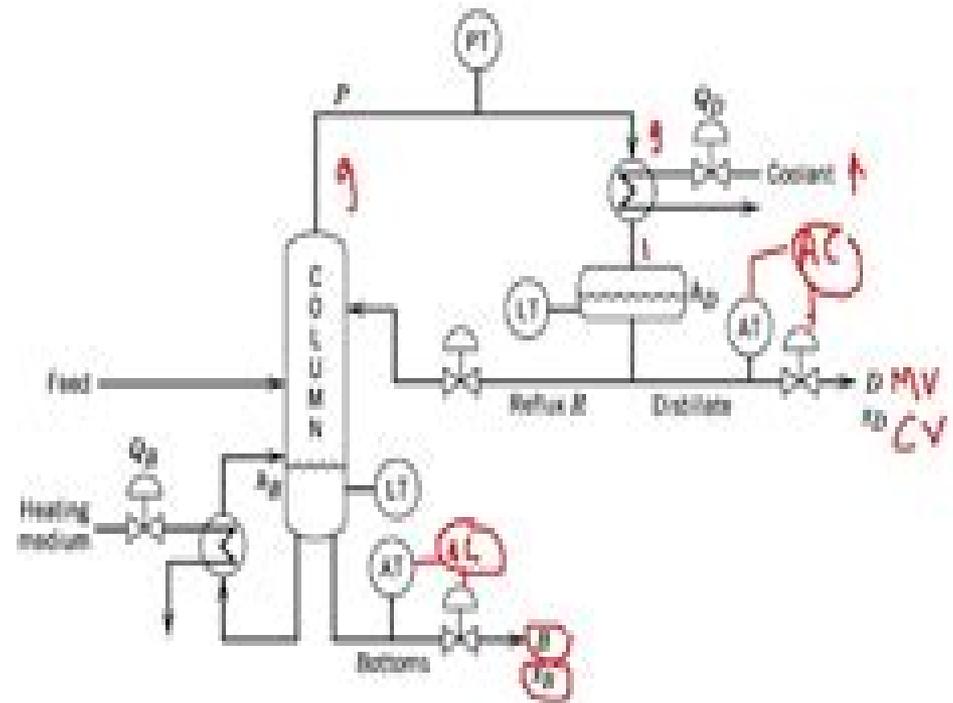


Distillation column

Control variable

- x_D – distillate composition and
- x_B – bottom composition
- P - column pressure
- h_D - liquid levels in the reflux drum
- h_B – liquid level in column base.



Manipulated Variables

- D - Distillate flows
- B - Bottom Flow
- R - reflux flow R
- Q_D - the heat duties for the condenser
- Q_S - the heat duties for the reboiler

Design Of Distillation Column Control Systems

G Psacharopoulos



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