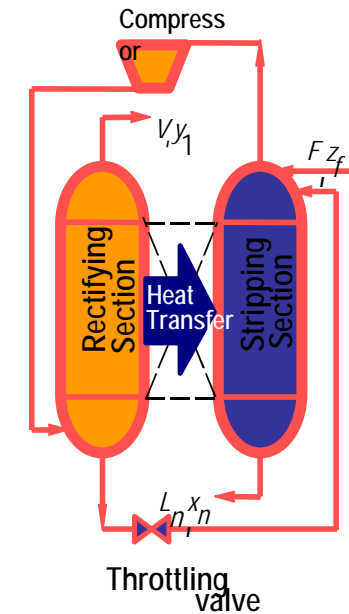
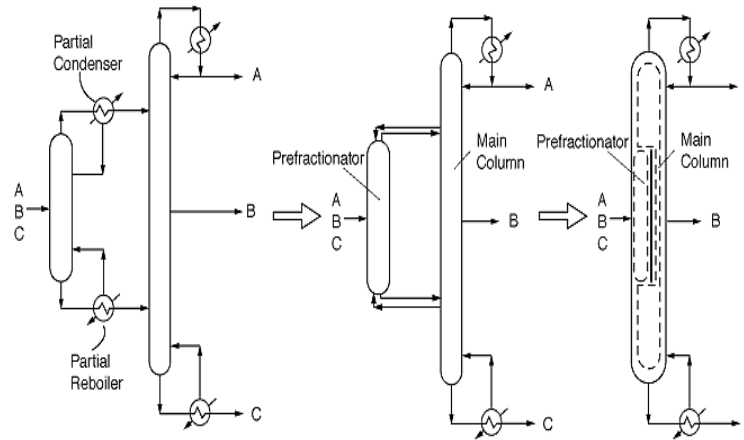


Design and Control for Thermally Integrated Distillation Column

with LG Yeynam Foundation



● Motivation

- Distillation is dominant technique (over 90%) for industrial separation.
- It also takes 70% of whole energy consumption in process industry.
- DWC or HiDIC are highly required for high energy efficiency.

● Goal

- Develop the optimal design and control strategies for commercialization of DWC and HiDIC