



**POLITECNICO**  
MILANO 1863

## **Dynamics and Control of Chemical Processes**

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### **Lab #8**

#### **Exercise 1: Dynamics of a C4-C5 separation column**

You should propose and discuss a control strategy for a C4-C5 separation column.

For the purpose, consider the evolution within the time of:

- The products specification;
- The energy consumption of the column;

#### **Assumption**

Initially, the distillation column is working in stationary conditions and in absence of external disturbances.