

# Switching and functional integration



Component  
École Nationale  
Supérieure  
d'Électrotechnique  
d'Électronique

## In brief

- **Ametys Code:** N9EE23D
- **Open to exchange students:** No

## Presentation

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### Objectives

Identify the essential properties of switching and the design rules for close-coupled control circuits—drivers for chopper, inverter, and switching dimmer structures. Demonstrate the need for a comprehensive analysis involving strong interactions between components, their drivers, and the power circuit.