

Analog Electronics Project



Component

École Nationale
Supérieure
d'Électrotechnique
d'Électronique
d'Informatique
d'Hydraulique
et des
Télécommunications



Semester

Printemps

In brief

- **Ametys Code:** N6AE02A
- **Open to exchange students:** No

Presentation

Objectives

Design a high-gain, relatively wideband voltage amplifier that meets specific specifications.

Design based on the following circuits studied in the "Analog Circuits" and "Electronic Functions" modules:

- Common emitter (degenerate)
- Common collector
- Differential pair and current mirror

Pre-requisites

Analog Circuits Lectures and Tutorials

Electronics Functions Practical Work