How to open a local electronics laboratory for remote access
Part 4

Hands-on session
Outline

- Introduction
- Basic experiments on an op. amp
- Experiments involving a fixed circuit
Introduction

- A laboratory is set up in this room
- It is connected to an open WLAN
- If you want to perform experiments using your laptop you will receive
  - excerpts from two lab instruction manuals
- The experiments will be those we have prepared in earlier parts
Laboratory configuration
Practical details

- The LAN is not connected to the Internet
- A common account has already been activated for you: teacher@bth.se
- The password for all is: password
The oscilloscope is showing a typical result when measuring the slew rate.
The oscilloscope is showing a typical result of an integrator experiment when the feedback resistor is too small.
Conclusions

- The workbench supplements the local laboratory in the following ways
  - The students on campus or off campus can work in the laboratory 24/7
  - The students can, for example, learn how use the instruments at home
- It should be possible to produce engineers with solid and documented lab experience with low additional costs