Networking

# Exercises for the laboratory

All the exercises should be done on Linux.

1. Find the names and MAC addresses of all the network devices with the command ip link.
2. Check your IP with “ip address”. Then check your IP on <https://whatismyipaddress.com/>. Is this address the same? Is it always the same/different?
3. Find the IP addresses of wp.pl, onet.pl, wikipedia.org.
4. Trace your routing to wp.pl (command traceroute). Identify the intermediate servers with <https://www.infobyip.com/>

# Homework

1. Do the exercises 1 and 2 from the laboratory on a different computer. **(1 pkt)**
2. Find the IP addresses of the servers google.com, amu.edu.pl, wmi.amu.edu.pl. **(1 pkt)**
3. Trace your routing to nyu.edu. Identify the intermediate servers. **(2 pkt)**