

Course: Telecommunication Network Design
Teachers: Andrzej Kamisiński (andrzejk@agh.edu.pl)
Studies: Electronics and Telecommunications
Speciality: Networks and Services
Semester: 2nd sem. MSc stud., Fall

Preparation to the laboratory classes

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Simple network design problems based on linear programming using CPLEX/OPL (2017-12-04)

Scope of the quiz at the beginning of the class

You should be familiarized with the material presented during the following lectures:

- Lecture 5: *Network design based on mathematical programming — introduction,*
- Lecture 6: *Linear programming,*
- Lecture 7: *Problems of resource allocation and basic dimensioning.*

How to prepare to the class

You should revise the following network optimization problems:

- CFAP in the Node-Link formulation,
- CFAP in the Link-Path formulation.