

COURSE TITLE:

CHEMOMETRY

COURSE DESCRIPTION:

Introduction into single variate and multi variate statistical analysis of chemical data. Single variate statistics, distributions, statistical parameters, definitions in analytical chemistry, tests.

Multi variate data structures, data vectors. Clustering and classification. principal component analysis. Modelling. OLS regression. Biased regression. Partial least squares. Robust regression. Non linear regression. Analysis of variance and covariances. Design of experiment.

TEACHER:

Tóth Gergely

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