

IWS₇

*Topic: Specific example of application of the linear NLACS in the industry
(paper)*

Task Provide the analysis of application of ACS to the industries; show on a specific example (paper).

You have to carry out the short review on literature of examples of application of the nonlinear ACS in any industry (*the note*: examples shall not repeat; it is possible to give one detailed example of one process if the paper meets requirements below for volume). You have to write the paper on the given subject; provide it for discussion to colleagues on slides (5-9 pieces). You have to write the manuscript of the paper on the A4 format (on the one hand); put down the link to literature; the number of names of literature shall be at least 3 ($n \geq 3$): if it to write Internet resources, then the link up to the end. You have to give to the teacher electronic version of the paper in the form of the independent file and the printed manuscript (8-10 pages) in the given period (see Syllabus on *the web-site "Univer"* of this discipline).

Note: date of issue of this task is the middle of a semester (after midterm); date of delivery and discussions of the paper on the 14-15 week of occupations.