

YMA3710 Linear Algebra

Assessment methods

During the course a student has to pass two tests and present homeworks based on problems that are solved in practical lessons or lectures. Theoretical questions are not included into these tests. Successful passing of the tests and homeworks are the pre-requisites for an examination. Examination questions include theoretical questions with reasonings and problems which did not contain in tests. The final grade of the course is computed by weighted mean of credits of tests and examination. An alternative possibility for getting the grade is to pass the examination by parts during the whole semester.

Assessment criteria

Factors to be graded are:

- choice of suitable algorithms and formulas in order to solve problems and practical implementation of these procedures;
- logically correct presentation of concepts occurring in the subject;
- knowing properties of mathematical objects occurring in the subject and the ability of reasoning or proving selected properties;
- knowing relations between mathematical objects occurring in the subject.

Formation of grade

5 – student demonstrates excellent knowledge: He/she solves without any mistakes typical problems of the course; He/she knows perfectly the concepts and relations of the subject and required reasonings and proofs (91% - 100% from the capacity of the course);

4 - student demonstrates very good knowledge: He/she solves typical problems of the course making small number of mistakes; He/she knows perfectly the concepts and relations of the subject and required reasonings and proofs (81% - 90% from the capacity of the course);

3 - student demonstrates good knowledge: He/she solves typical problems of the course with small number of mistakes; He/she knows the concepts and relations of the subject and required reasonings and proofs but makes certain amount of mistakes (71% - 80% from the capacity of the course);

2 - student demonstrates satisfactory knowledge: He/she solves typical problems of the course making mistakes; He/she knows the concepts and relations of the subject but makes in required reasonings and proofs many mistakes (61% - 70% from the capacity of the course);

1 - student demonstrates scarce knowledge: He/she solves typical problems of the course with many mistakes; He/she knows superficially the concepts and relations of the subject and makes in required reasonings and proofs great number of mistakes (51% - 60% from the capacity of the course).

