General guidelines for oral exam TEK5010/9010 Multi-agent systems 2020

Completion of the examination

In the oral exam, the candidate will be asked questions from the two main areas of the curriculum: game theory and swarm intelligence. A game theory topic is chosen at random among several possible themes from the game theory part of the syllabus. The candidate is then examined in this sub-topic. At about half time, a new topic is chosen from the swarm intelligence portion of the syllabus. The candidate is then examined in this second sub-topic. A sub-topic is typically taken from a single lecture or a chapter in the relevant syllabus book. All sub-themes start with one set of common general questions from the main area before going deeper into the selected sub-themes. Candidates who take TEK9010 will also be examined in the PhD extra curriculum. Grade scale for PhD students is passed/failed. Candidates can have 3 minutes to think before they start answering each sub-topic. The candidate can use the black board if desired.

All candidates will be checked for ID before the exam starts. The final grade list is sent to the ITS administration after all candidates have completed their examination. Anyone who wishes can request a written or an oral justification for their grade, either from the examiner or sensor. There is no time limit for requesting such a justification. It is natural that the request for a justification goes through the ITS administration, especially if the justification is to be given in writing.

Emphasis

Emphasis is on deriving an understanding of the candidate's overview of the different sub-areas discussed, what is important and what is key knowledge. The candidate will not be asked to make detailed calculations on the blackboard. It is important that the candidate can reason and deduce sound conclusions related to the themes in question. Detailed specific information, like algorithm names and so forth, is to a lesser extent important. Whether the examiner has to come up with supplementary questions is to a small extent considered negative.

General description of the oral exam grading scale

A – Excellent

An excellent performance, clearly outstanding. The candidate demonstrates excellent judgement and a high degree of independent thinking.

B – Very good

A very good performance. The candidate demonstrates sound judgement and a very good degree of independent thinking.

C – Good

A good performance in most areas. The candidate demonstrates a reasonable degree of judgement and independent thinking in the most important areas.

D – Satisfactory

A satisfactory performance, but with significant shortcomings. The candidate demonstrates a limited degree of judgement and independent thinking.

E – Sufficient

A performance that meets the minimum criteria, but no more. The candidate demonstrates a very limited degree of judgement and independent thinking.

F – Fail

A performance that does not meet the minimum academic criteria. The candidate demonstrates an absence of both judgement and independent thinking.