

## Instructions about the exercise practices in basic course of Functional analysis spring 2015

In this course we will try a new exercise practice at least during the 3<sup>th</sup> period. If it works for all parties, it will be continued for whole spring semester. There is no traditional exercise classes, where students used to provide the solutions for given problems on blackboard. These classes will be substituted with optional instruction sessions. In these gatherings we will do the following stuff:

- Do exercise problems together
- Rehearse the material given in lectures
- A feedback on returned solutions will be given
- Old reviewed solutions will be distributed back to students

Instructions sessions will be held on Thursdays during weeks **4-9** and **12-16** at **14:15-16:00** in classroom **CK107**. There is no instruction on **April 2<sup>nd</sup>** for the Eastern holidays. The session of April 30<sup>th</sup> will be held on Wednesday April 29<sup>th</sup> for the Finnish Labor Day eve.

Students will get extra points benefitting the two course examinations for returned solutions of exercise problems. There will be given at most **6 pcs** of these extra points. To get these points, student should get the following ratios of total number of checkpoints given for the returned problems

30%-40% -> 1p  
40%-50 % -> 2p  
50%-60 % -> 3p

60%-70 % -> 4p  
70%-80 % -> 5p  
>80 % -> 6p

To get checkpoints, solved problems must be returned to teaching assistant (TA) at latest on Mondays 12:00 (noon). The first set of solutions should be returned on Monday 26<sup>th</sup> of January.

In the exercises there will be to two kinds of problems. Those marked with star -symbol will be graded with scale 0-2 of checkpoints with following principle

- Solution is not returned or there is no significant own reasoning other than given in problem setting -> 0
- There is some own reasoning done or there is crucial mistakes in completed solution -> 1
- The problem is almost solved and there is no big mistakes -> 2

TA will give a short feedback on the solutions of the star marked problems. The not star marked problems will be graded with scale 0,1 according to returned/not returned principle.

Write your name and student number to the first page of solutions, you are about to return. Do there also a list of numbers of problems you want to return to be graded. You can return the solutions either by E-mail or in paper written to TA. If you want to return paper written solutions, then **please staple the papers together**.

The example solutions of exercise problems will be distributed on course webpage after the return times.

Welcome to basic course of functional analysis!  
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