Refresher Maths Course

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Abstract

This course teaches basic mathematical methodologies for proofs. It is intended for students with a lack of mathematical background, or with a lack of confidence in mathematics. We will try to cover most of the prerequisites of the courses in the Master's, i.e. basic algebra/analysis and basic application.

Introduction

Hello! welcome to this maths refresher course for DSBA 2022! This is the best course ever!

Presentation

- Paul Dubois, PhD Student @ Centrale, end of 1st year

- Email: b00795695@essec.edu (for any question), answer within 1 working day

Course Format

Lectures

- 8*3h arranged as 1h20min lecture - $^1/_3$h break - 1h20min lecture

- No pb class planned, but lectures will have integrated live exercises

- Interrupt if needed (but may also ask at the end of the lecture)

Examination

- Course is pass/fail

- Most (in fact hopefully all) of you will pass

- There will be sets of exercises (about one per lecture), it is advised to attempt it all (only the starred questions will be compulsory)

- As the goal is to learn, you will be able to resubmit exercise sets, but you will lose 10% every-time you re-submit (so that you have some incentive to try your best the 1st time)

- Best $^{(n-1)}/_n$ count, need average $\geq 70\%$ to pass

- In the unlikely event of not passing, you will be able to do some extra work to pass

Questions?