

# Kursrapport MM5023 HT22

Antal respondenter: 1  
Antal svar: 1  
Svarsfrekvens: 100,00 %

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## Utvärdering av kursen

Studenternas synpunkter och erfarenheter enligt kursutvärderingar bör ingå som underlag i utvärderingen.

### . Beskrivning av kursupplägget.

#### **Beskrivning av kursupplägget.**

This course is an introduction to combinatoric going beyoond mere counting. It cover generating functions, recursion, graphs and tree, combinatorial optimization (minimal spanning tree and max flow and min cut theorem) and a light introduction to combinatorial design

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### . Kursens fördelar, beakta studenternas uppfattning i kursutvärderingar.

#### **Kursens fördelar, beakta studenternas uppfattning i kursutvärderingar.**

The book has many examples. The students seem to appreciate many of the topics covered.

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### . Kursens nackdelar, beakta studenternas uppfattning i kursutvärderingar.

#### **Kursens nackdelar, beakta studenternas uppfattning i kursutvärderingar.**

The student asked for a course on campus. It was my understanding that this course was given twice a year, once on campus, once by distance. But this was not the case for 2023. I can imagine that many Stockholm students whould have preferred having IRL lectures.

The student complains about the fact that this course was not challenging.

The book lack the structure for a math book and it is not easy to find in its many pages the relevant theory

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### . Slutsatser samt förslag till förbättringar.

#### **Slutsatser samt förslag till förbättringar.**

About the lack of challenge. Last year, when the course was given twice, I had a lot of non-math majors, who find the content very challenging. This year... I had only math major and a student in a teacher program (probably taking math as first legitimation, so stronger than the average). Thus I understand that this course, which is sometimes taken by biology students and computer scientist, does not pose a challenge to math majors.

The book is indeed difficult to navigate, but it has many examples solved step by step. Also the level of its exercises is really good for the exam. Thus the book prepares the students (even the non-math majors) to pass the exam. But the presentation of the theory is a mess. Probably writing lecture notes that put order in this is the best way to keep the book without keeping its disadvantages.

If I give the course next year I will try to find way to challenge students more (without scaring them away).

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