

"SAPIENZA" UNIVERSITY OF ROME FACULTY OF INFORMATION ENGINEERING, INFORMATICS AND STATISTICS DEPARTMENT OF COMPUTER SCIENCE

Advanced Algorithms

Lecture notes integrated with the book "Algorithm Design", J. Kleinberg, É. Tardos

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Personal notes and summaries collected as part of the *Advanced Algorithms* course offered by the degree in Computer Science of the University of Rome "La Sapienza".

Further information and notes can be found at the following link:

https://github.com/Exyss/university-notes. Anyone can feel free to report inaccuracies, improvements or requests through the Issue system provided by GitHub itself or by contacting the author privately:

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The notes are constantly being updated, so please check if the changes have already been made in the most recent version.

Suggested prerequisites:

Sufficient knowledge of algorithm design, probability and combinatorics

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