

CLASS OF NP, NPC PROBLEMS AND APPROXIMATION ALGORITHMS

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Abstract: Science and technology are increasingly developing and have found many practical applications. Thanks to them, humans can solve problems quickly and accurately. In particular, the development of information technology has entered all areas of life, with every profession needing and utilizing it. Algorithm theory equips students with concepts of algorithms, algorithm complexity, and methods for evaluating an algorithm. It provides basic algorithm design techniques, sorting algorithms, and scheduling algorithms. The content studies how to analyze and evaluate algorithms, fundamental algorithm design techniques, and their applications.

Keywords: CLASS OF NP, NPC PROBLEMS, APPROXIMATION ALGORITHMS, NPC

References

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