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## Preliminaries (Recommended)

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**Definition 2.1.** [6] Definition. Definition. Definition. Definition. Definition. Definition. Definition. Definition. Definition.

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PROOF*.* Proof of Lemma. Proof of Lemma. Proof of Lemma. Proof of Lemma. Proof of Lemma.

Proof of Lemma. Proof of Lemma. Proof of Lemma. Proof of Lemma. Proof of Lemma. ◻

### Subsection

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**Definition 2.3.** Definition Definition Definition Definition Definition Definition Definition Definition

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### Subsubsection

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## Section

Section Three. Section Three. Section Three. Section Three. Section Three. Section Three. Section Three. Section Three. Section Three.

**Theorem 3.1.** Theorem. Theorem. Theorem. Theorem. Theorem. Theorem.



PROOF.

1. From Lemma 2.2, … Theorem. Theorem. Theorem. Theorem. Theorem. Theorem. Theorem Theorem

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|  | (3.1) |
|  | (3.2) |
|  | (3.3) |
|  | (3.4)  (3.5) |
|  | (3.6) |
|  | (3.7) |

1. From (3.1), … From (3.2) and (3.3), … From (3.4)-(3.7), …

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**Table** **1.** Results for the parameters and the objects ranging from 100 to 1000

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **100** | **200** | **300** | **400** | **500** | **600** | **700** | **800** | **900** | **1000** |
| **CE10an** | 0.2739 | 3.2532 | 14.0127 | 40.1959 | 93.9178 | 184.5333 | 335.5700 | 568.7381 | 914.9916 | 1412.0988 |
| **EMO18an** | **0.0113** | **0.0069** | **0.0068** | **0.0101** | **0.0162** | **0.0200** | **0.0244** | **0.0587** | **0.0396** | **0.0506** |
| **Difference** | 0.2626 | 3.2463 | 14.0060 | 40.1858 | 93.9015 | 184.5134 | 335.5456 | 568.6794 | 914.9520 | 1412.0482 |
| **Advantage (%)** | 95.8871 | 99.7870 | 99.9518 | 99.9748 | 99.9827 | 99.9892 | 99.9927 | 99.9897 | 99.9957 | 99.9964 |
| Boldfaced values indicate the “best” performances. | | | | | | | | | | |

**Figure 1.** Results for the parameters and the objects ranging from 100 to 1000

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## Conclusion (Compulsory)

This study ... (Write the remarkable results of the study briefly, a minimum of 50 words). Future studies ... (Mention the need for further research, a minimum of 50 words).

## Author Contributions

All the authors equally contributed to this work. This paper is derived from the first author’s doctoral dissertation/master’s thesis supervised by the second author. They all read and approved the final version of the paper.

The author read and approved the final version of the paper.

## Conflict of Interest

All the authors declare no conflict of interest. / The author declares no conflict of interest.

## Ethical Review and Approval

No approval from the Board of Ethics is required. / The research was reviewed and approved by the Board of Ethics of Tokat Gaziosmanpaşa University, Approval number: E-56365223-050.04, 27 Aug 2024.

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