Title

Subtitle

Author

University of XXXX

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Contents

Contents

xxx xxx xxx xxx xxx xxx xxx. xxx xxx xxx xxx xxx xxx. xxx xxx xxx xxx xxx xxx. xxx xxx xxx xxx xxx xxx. xxx xxx xxx xxx xxx xxx.

Contents

Lists

- Item 1
- Item 2
  1. First item
  2. Second item
  3. Third item
- Item 3
  1. First item
  2. Second item
  3. Third item

Description

Description 1	Explanation 1
Description 2	Explanation 2
Description 3	Explanation 3

Columns

This is column one with 0.5 text width.

This is column two with 0.5 text width.

Columns

- First item
- Second item
- Third item

This is column two with 0.49 text width.

Reference

xxx xxx xxx xxx xxx xxx[1]. xxx xxx xxx xxx xxx xxx.

[1] Othmar Koch and Christian Lubich (Jan. 2007). “Dynamical Low-Rank Approximation”. In: *SIAM Journal on Matrix Analysis and Applications* 29.2, pp. 434–454. ISSN: 0895-4798, 1095-7162. DOI: 10.1137/050639703.

Contents

Blocks 1

Block Title

This is a regular block.

Alert Block Title

This is an alert block.

Example Block Title

This is an example block.

Blocks 2

Definition (XXX)

This is a definition block.

Lemma (XXX)

This is a lemma block.

Corollary (XXX)

This is a corollary block.

Example (XXX)

This is an example block.

Blocks 3

Theorem (XXX)

This is a theorem block.

Proof.

This is a proof block. □

Contents

Tables

Header 1	Header 2	Header 3
Cell 1	Cell 2	Cell 3
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Table 1: Example Table

m	80	160	320	640
error	1.95e-4	4.88e-5	1.22e-5	3.05e-6
order	-	2.00	2.00	2.00
error	1.95e-4	4.88e-5	1.22e-5	3.05e-6
order	-	2.00	2.00	2.00

Table 2: Error and order

Figure

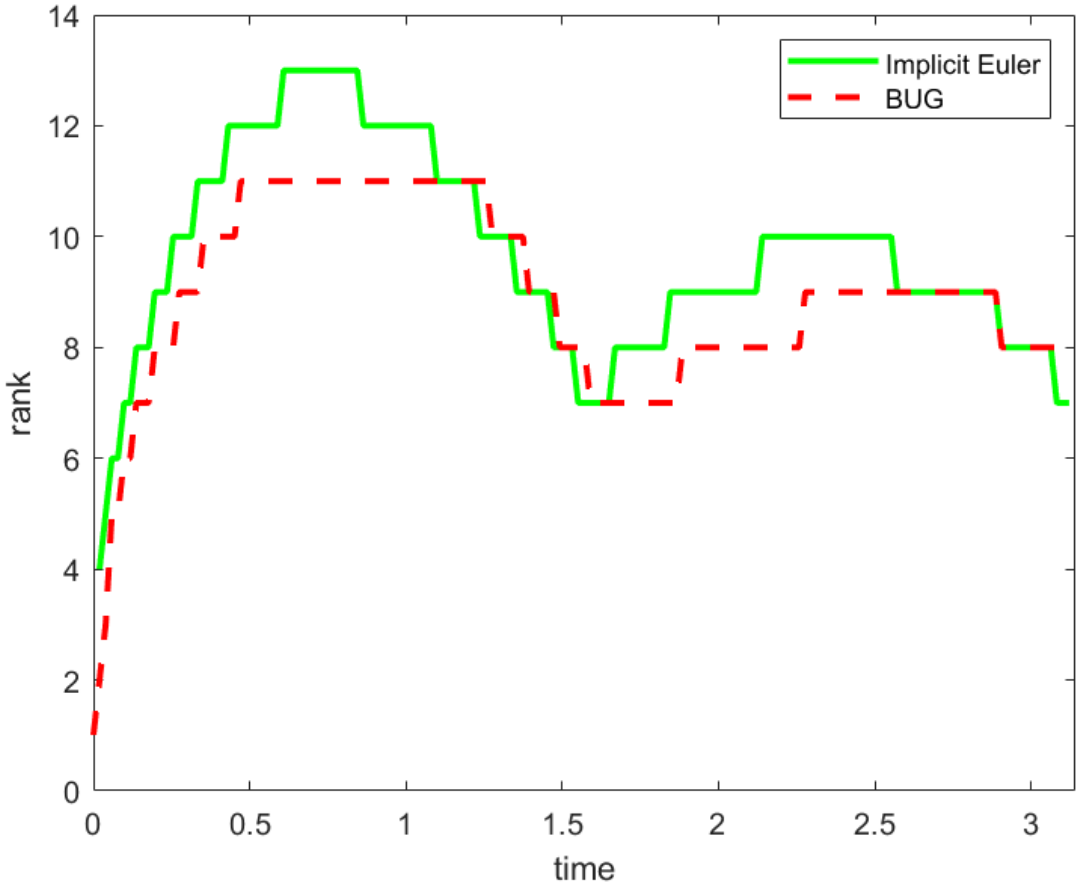


Figure 1: XXX

Columns

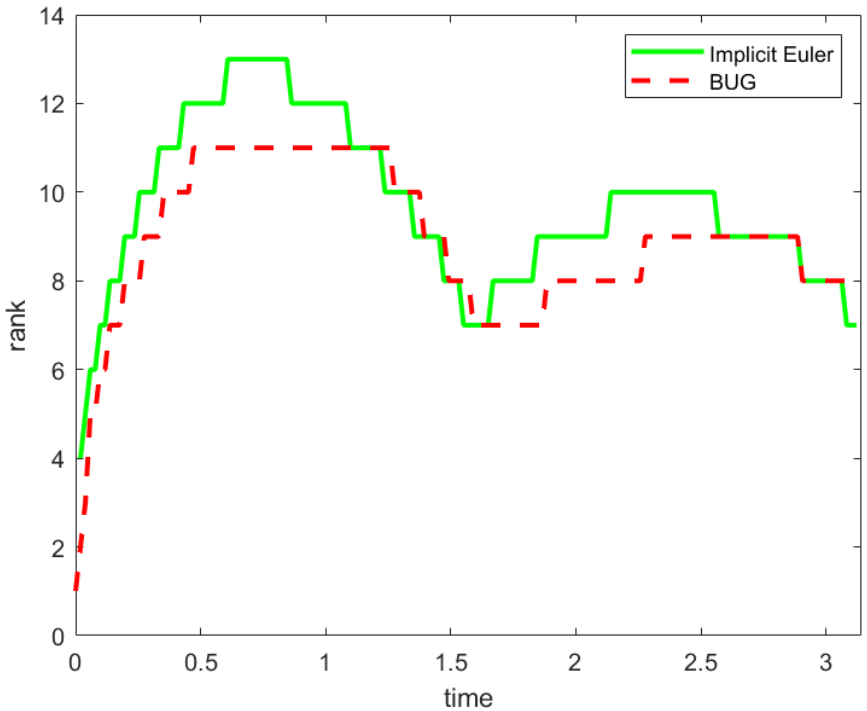
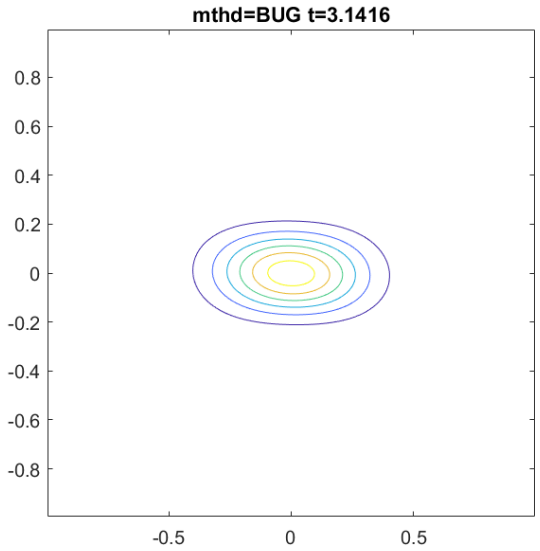


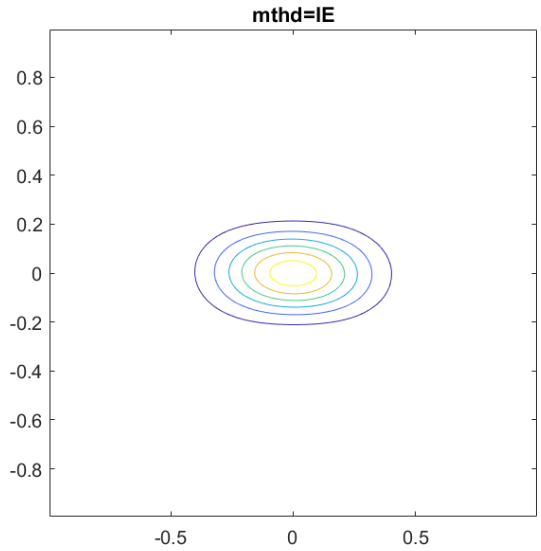
Figure 2: XXX

This is column one with 0.4 text width.

Figures



(a) XXX



(b) XXX

Figure 3: XXX

Algorithm

Algorithm 1: Euclid's algorithm

Data: Two nonnegative integers a and b

Result: Their greatest common divisor $d = \gcd(a, b)$

while $b \neq 0$ **do**

    $r \leftarrow a \bmod b$;

    $a \leftarrow b$;

    $b \leftarrow r$;

end

$d \leftarrow a$;

Code

```cpp
#include <iostream>

int main() {
    std::cout << "Hello, world!" << std::endl;
    return 0;
}
```

```python
def greet(name):
    """
    greets the person passed in as a parameter.
    """
    print(f"Hello, {name}!")

greet("John")
```

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