

PRESENTATION OUTLINE: A Parallel Jacobi-Embedded Gauss-Seidel Method

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1 Introduction

- Student Name
- Student Id Number
- Title of the project

2 Computer Methods to solve linear equations

- Direct Method
- Iterative Method
- Name of methods which are used in my work

3 Jacobian Method

- Quick explanation of how this method works?
- Advantages and Disadvantages (as they are used in my work)

4 Gauss Seidel Method

- Quick explanation of how this method works?
- Advantages and Disadvantages

5 Row based parallel Gauss Seidel Method

- Quick explanation of how this method works?
- Different ways to implement this method in parallel system
- Comparison between those ways

6 PJG Method

- Quick explanation of how this method works?
- What is block size P in this method?

7 Block Size P

- Significance of block size P
- Analysis of PJG method with different block size P
- How I have used this analysis in my work?

8 Questions for audience

- Three question for audience to make sure they understand research talk till now

9 My Approach

- My hypothesis of this work
- Results of the hypothesis

10 Environment Specifications

- Specifications of GPU

11 Results

- Comparison of all mentioned methods with my approach in terms of performance

12 Conclusion

- Conclusion of my work that audience should remember from research talk

13 Questions for audience

- Two questions for audience to make sure that they understand my research talk