

meeting Group 5 20-9-2024.pdf

Yun Zhao

September 2024

1. Agenda for today's meeting (PURPOSE)

Attendees

People who will attend:

- Pierre Lafaye De Micheaux
- Yun Zhao(**note taker**)
- Zhengxiang Li
- Shunlong Ying
- Yanmin Zhou

Meeting Goals

- Discuss more applications of quadratic forms in finance.
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What do you want to talk about?

- The application of quadratic forms in investment portfolios to find the optimal portfolio that maximizes profit.
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Points to be discussed

Alloted time	**Item**	**Facilitator**	**Description**
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5 min			
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15 min			
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10 min			
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Other Information

N/A

2. Work already completed before this meeting

- [x] We have already decided who the team leader is.
- [x] We have already decided on the research direction and would like to focus on the application of quadratic forms in finance.

- [x] We have finalized everyone's roles and responsibilities.

- [x] A GitHub link has been created.(Math5925Group5)

3. Planned work after this meeting

- [] Everyone should find the relevant literature and upload it to Teams.
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- 4. Minutes from previous meeting
 - 1. In the first week, team members get to know each other, understand their roles, gain a preliminary understanding of the research topic, and determine whether to pursue a theoretical or applied direction.
 - 2. Each person needs to read 2 papers, for a total of 10 papers.
 - 3. List the questions before each meeting and send them to the professor two days in advance.
 - 4. The main focus of this research project is to learn how to work as a team. Team members need to trust and communicate with each other. The team leader should coordinate the work of each member and keep track of their progress.
 - 5. It's best to communicate using the Team app to avoid potential disputes that may be difficult to resolve later.
 - 6. The proposal for the paper needs to be completed before the fourth week, so the professor can evaluate whether it is a good and feasible topic.
 - 7. Everyone knows how to use the Team app to upload and share materials.
 - 8. Upload the selected articles to the Articles folder and use JabRef to edit the BibTeX file. Upload the updated codes to the Computing Codes folder before each meeting. The remaining two folders are for notes and a template for the paper report.
 - 9. The code and text need to be compiled and uploaded to GitHub and Overleaf at the end.

References