## Горизонтальная линия



Feedback Systems

17.11.2024

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Participants:

* Shakirova Saikal
* Osmonalieva Ayana

Agenda Topics:

1. Understanding the fundamentals of feedback systems.

2. Assigning roles for simulation and analysis tasks.

3. Discussing the mathematical modeling structure.

Decisions Made:

1. Agreed to focus on both open-loop and closed-loop feedback systems.

2. Chose MATLAB/Simulink for simulation.

3. All members will document their individual tasks in a shared repository.

Weekly Meeting Documentation 2

Action Items:

| Task | Assigned To | Start Date | Deadline | Status |
| --- | --- | --- | --- | --- |
| Research on open-loop systems | Ayana | 17 November 2024 | 20 November 2024 | In Progress |
| Model closed-loop systems | Saikal | 22 November 2024 | 5 December 2024 | In Progress |
| Literature review on stability | together | 17 November 2024 | 10 December 2024 | In Progress |

Next Meeting Date: 5 December 2024

Notes/Comments:

• Ensure all simulations are uploaded for review before the next meeting.

Weekly Meeting Documentation 3

Participants:

* Shakirova Saikal
* Osmonalieva Ayana

Agenda Topics:

1. Finalizing the mathematical models.

2. Validating simulation results.

3. Planning the presentation outline.

Decisions Made:

1. Decided to use Nyquist and Bode plots for analysis.

2. Finalized the presentation to highlight system stability and control.

3. Agreed to peer review all models and simulations.

Action Items:

| Task | Assigned To | Deadline | Status |
| --- | --- | --- | --- |
| Develop Nyquist plots | Ayana | 20 November 2024 | Completed |
| Simulate closed-loop responses | Saikal | 5 December 2024 | Completed |
| Write documentation | Together | 10 December 2024 | Completed |

Next Meeting Date: 15 December 2024

Notes/Comments:

• Validate all figures and diagrams before submitting the final report.