

Week 6 - 8 | Foundational Knowledge Learning

2025-09-08 – 2025-09-30

1: Weekly Highlights

- Course study:
 - MITOCW 18.02 Multivariable Calculus lecture 12 - 13 and problem set 4
 - MITOCW 8.02 Electricity and Magnetism lecture 6 - 10
- Some courses related to gas dynamics theory and fluid mechanics

2: Insights & Takeaways

- Gains:
 - Continue to study Multivariable Calculus and Electricity and Magnetism.
- Reflection:
 - Due to the mid-term exam, the learning progress has fallen seriously behind and needs to be made up for later.

3: Challenges & Open Questions

- The study of linear algebra should be appropriately combined with geometry to understand some concepts more intuitively.

4: Next 2 Weeks Plan

- Continue studying of MIT 8.02 and 18.02