

Cooling Theory Lectures Notes

Markus Hupfer and members of the team!

September 7, 2024

These are the notes for the 2024 Summer Term of Cooling Theory. These are peer-reviewed and give insights on problems for all of the cooling plans. Some are the proceedings with results on the lecture, the other contributions to Cooling Theory and the book of Markus and Peter (Publications of the Engineering Office). I also used several other sources for additional material. Some are in Part II course book of Cambridge on Cooling Theory and Engineering given by Professor John Ward, and the other papers given from a Cambridge book on Sustainable Transportation given by Professor Tim Gillmer. I also included some from Bruce Turner's 2021 course, Applied Maths for the Proc. Management. The last section of the notes is based on Hugh Burrows course given "Energy Based Cooling".

All contents by these notes are my work.

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