

# 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 game. Some are peer-reviewed with results on the internet, the latter contribution to Cooling Theory and the book of Hoffman and Pines (Mathematics of Design/Manufacturing Studies). I also used several other sources for additional materials such as Part II course book of Cambridge on Cooling Theory and Manufacturing given by Professor John Pines, and the case study notes from a Cambridge book on Subtractive Manufacturing given by Professor Tim Gattorna. I also included some from Robert Fisher's 2021 course, Applied Maths for the Proc Manufacturing. The last section of the notes is based on Hugh Burrows course notes, "Design Based Cooling".

All contents by these notes are my work.

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