

# MATE 664 Lecture 23

Multiscale Simulation for Kinetics of Materials (IV): Thermodynamics from First Principle Calculations

Dr. Tian Tian

2026-04-01

## Lecture Notes

This is a guest lecture by Hanlin Wang, PhD student at CME.

# Introduction of Statistical Thermodynamic Calculations

Hanlin Wang

Mar 30, 2026

Figure 1: Lecture Notes

- [Publication](#)
- [Supplementary data](#)