

Exam

Presentation topics
(~10min)

- (1) Crystal structures**
 - (2) Crystal bindings**
 - (3) Reciprocal lattice and scattering theory**
 - (4) Crystal vibrations (Phonons)**
 - (5) Heat capacity**
 - (6) Band structure**
 - (7) Semiconductors**
 - (8) Resistivity & Hall effect**
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Discussion 1
(~10min)

Questions to the lecture material

Discussion 2
(~10min)

Questions to the exercises



Christmas present : today lecture (Magnetism and superconductivity)
is not included in the exam 😊