PHYS 516 (Statical Mechanics) Notes

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Introduction:

This is a set of lecture notes taken from UBC's PHYS 516 (Graduate Statistical Mechanics) course, taught by Dr. Gordon Semenoff. The course covers fundamentals of statistical mechanics, phase transitions and critical exponents, D=1,2,3 Ising models, mean field theory, quantum field theory, universality, renormalization, and elementary conformal field theory. If any errors are found in the notes, feel free to email me at ryoheiweil@phas.ubc.ca.

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